



EDUCATION

- Iowa State University
 - Bachelor of Science, Construction Engineering, 2009
- University of Nebraska
 - Master of Business Administration, Finance, 2018

PRACTICE AREAS

- Architectural Testing
- Building Enclosure Commissioning
- Construction Troubleshooting
- Field Monitoring
- Peer Review
- Windows/Curtain Walls/Skylights

REGISTRATIONS

- Accredited Building Enclosure Commissioning Process Provider
- Accredited Commissioning Authority + Building Enclosure
- FAA - Remote Pilot Certificate
- Professional Engineer in IN, KY, MI, OH, TN, and TX
- Registered Exterior Wall Observer
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council - Indiana
- International Institute of Building Consultants

CONTACT

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EXPERIENCE

Kyle Grunder's experience includes design peer review and construction quality assurance of curtain wall, point-supported glass, and metal panel assemblies, and their transitions with adjacent systems. He has been engaged with cladding and fenestration replacement projects, and he has provided water infiltration testing and field and plant observations for new and existing projects. Mr. Grunder is an FAA-certified drone pilot and is an active part of WJE's initiative to include advanced unmanned aerial systems as part of our building enclosure services.

Mr. Grunder manages various projects, from forensic investigations of air and water infiltration through vertical and horizontal building enclosure components to repair design and construction administration to ensure conformance with project documents.

REPRESENTATIVE PROJECTS

Architectural Testing

- Cytiva, Building 32 - Muskegon, MI: AAMA 501.2 and ASTM E1105 water resistive performance testing
- Lucas Oil Stadium - Indianapolis, IN: ASTM C1279 scattered light polariscope testing for internal glass stress

Building Enclosure Commissioning

- New Major Retail Chain Headquarters - US: Building enclosure commissioning, including site observations of more than thirty new campus buildings
- Michael D. Rankin MD Health Education Building - Lexington, KY: Independent design and submittal reviews; construction observations of new University of Kentucky health education building

Construction Troubleshooting

- One Bellevue Station - Denver, CO: Investigation of precast column grout conditions through drilling and repair observations
- Texas A&M College of Veterinary Medicine - College Station: AAMA 501.2 water leakage field test on curtain wall and punched window openings
- Texas Children's Hospital, Pediatric Tower E - Houston: ASTM E1105 field determination of water penetration

Field Monitoring

- Quarry at River North - Indianapolis, IN: Existing and new construction observations for quality assurance
- Grey House - Houston, TX: Observations of vertical and horizontal fluid-applied waterproofing for conformance to project specifications
- Southwest Airlines Maintenance Hangar - Houston, TX: Evaluation of installed metal wall and roof panels and storefront glazing
- Museum of Fine Arts, Glassel School - Houston, TX: Window unit and air and vapor assessment and repair recommendations; observation of manufacturing plant activities during the assembly of oversized, trapezoidal, punched windows
- Texas Children's Hospital, Tower E - Houston: Comprehensive facade observations for curtain wall, ribbon window, and prefinished precast deficiencies
- University of Houston - TX: Campus-wide, post-Hurricane Harvey, supplementary drone-aided observations of roof and facade conditions

Peer Review

- Houston Methodist Hospital - TX: Curtain wall, metal panel, and point-supported glass shop drawing review during north campus expansion
- Museum of Fine Arts, Glassel School - Houston, TX: Vestibule shop drawing review
- Museum of Fine Arts, Kinder Exhibit - Houston, TX: Canopy glass shop drawing review
- Houston Methodist Hospital - Baytown, TX: Curtain wall shop drawings and product data review during emergency department expansion

Windows/Curtain Walls/Skylights

- Community Howard Regional Health - Kokomo, IN: Design of curtain wall replacement
- The Courtyards - Ann Arbor, MI: Evaluation and repair design of sliding door assemblies for student housing
- The Galvestonian - Galveston, TX: Investigation and repair design of existing storefront and sliding door assemblies