



#### EDUCATION

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

#### PRACTICE AREAS

- Field Monitoring
- Construction Troubleshooting
- Peer Review
- Windows/Curtain Walls/Skylights

#### REGISTRATIONS

- FAA - Remote Pilot Certificate
- Registered Exterior Wall Observer (REWO)

#### PROFESSIONAL AFFILIATIONS

- RCI, Inc.

#### 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, as well as their transitions with adjacent systems. He has provided water infiltration testing as well as field and plant observations for new and existing projects. Mr. Grunder is also 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 previously served as a project manager for a major building envelope subcontractor, where he worked with ceramic panel and stone wall systems in addition to the aforementioned exterior assemblies. His previous scheduling and estimating experience ranged from smaller projects with a value of \$20,000 to large-scale endeavors reaching \$30 million.

#### REPRESENTATIVE PROJECTS

##### Field Monitoring

- Bleu Ciel - Dallas, TX: Evaluation of fluid applied and preformed waterproofing membrane installation
- Grey House - Houston, TX: Observations of vertical and horizontal fluid applied waterproofing for conformance to project specifications
- Houston Methodist Hospital North Campus Expansion - TX: Evaluation of installed curtain wall, metal flashing, and joint sealants
- Museum of Fine Arts, Glassel School - Houston, TX: Window unit and air and vapor assessment and repair recommendations
- Museum of Fine Arts, Glassel School - Houston, TX: Observation of manufacturing plant activities during the assembly of oversized trapezoidal punched windows
- Texas Children's Hospital, Tower E - Houston, TX: 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

- Rockport Engagement - Rockport, TX: Hurricane Harvey preliminary damage assessments and repair observations

##### 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, TX: AAMA 501.2 Water leakage field test on curtain wall and punched window openings
- Texas Children's Hospital, Pediatric Tower E - Houston, TX: ASTM E1105 Field determination of water penetration
- Great Plains Regional Medical Center - North Platte, NE: AAMA 501.2 Water leakage field test on waterproofing and metal panel cladding\*

##### Peer Review

- Houston Methodist Hospital North Campus Expansion - TX: Curtain wall, metal panel and point supported glass shop drawing review
- 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

##### Windows/Curtain Walls/Skylights

- Houston Methodist Hospital North Campus Expansion - TX: Evaluation of installed curtain wall panels and interface details
- Fred & Pamela Buffett Cancer Center - Omaha, NE: Project management services from design assistance to the installation of curtain wall, stone, metal panel, and ceramic panel assemblies\*

\*Indicates work with previous firms