



# HALLIWELL

## MATTHEW EVERSOLE, PE

FORENSIC ENGINEER,  
CIVIL/STRUCTURAL ENGINEERING SERVICES  
CINCINNATI, OH

matthew.eversole@halliwellglobal.com

+1 513 391 0310 | Mobile

+1 877 411 2177 | Office

halliwellglobal.com

### SPECIALTIES

- Commercial and Low-slope Roof System Damage Analyses and Restoration
- Loss-related Building Code Upgrades
- Construction Defect Analyses
- Hail- & Wind-Caused Damage Analyses
- Foundation Analyses
- Root Failure Cause Analyses
- Date of Damages Determinations
- Conceptual Repair Recommendations
- Construction Document Reviews and Analyses
- Moisture Intrusion Analyses
- Building Envelope Failure Analyses

### BIOGRAPHY

Matt is a Licensed Professional Engineer with five years of experience in forensic engineering and damage assessment, and litigation support. He has conducted and/or participated in numerous forensic evaluations on residential and commercial structures involving large-scale losses, as well as losses resulting from CAT events.

Matt's experience and training on matters related to roofing and building envelopes has included roof and building envelope failure analyses, damage assessments, scope of repair determinations, construction defect analyses, and foundation movement analyses. He provides in-depth field investigations and documentation, historical review of building behaviors and various construction methods, and field testing of building envelope components. Additionally, his skill set includes high-level consulting with insurance-based clients to help them navigate loss-related building code upgrade demands. Matt's project involvement includes fire, impact, and storm-related damage analysis across many different types of facilities including commercial properties, manufacturing complexes, shopping malls, churches, multi-family facilities, private residences, and many others. This variety of facilities has encompassed many different roof types and a wide array of roofing assemblies.

### QUALIFICATIONS

B.S., Chemical Engineering, Ohio State University

### INDUSTRY CERTIFICATIONS, LICENSES AND MEMBERSHIPS

- Licensed PE – IN, KY, MI, MN, OH (original license), OK, and TN
- NCEES Model Law Engineer
- DOT/FAA – Remote Pilot, uSAS

# HALLIWELL

## MATTHEW EVERSOLE, PE

### FORENSIC ENGINEER, CIVIL/STRUCTURAL ENGINEERING SERVICES

- American Institute of Chemical Engineers (AIChE), member (inactive)

#### SPECIALIZED TRAINING

- Society of Professional Rope Access Training (SPRAT) Level 1 (inactive)
- MEWP Operator Training

#### PROFESSIONAL EXPERIENCE

- Halliwell, Forensic Engineer, Civil/Structural Engineering Services
- Halliwell, Forensic Engineering Intern, Civil/Structural Engineering Services
- J.S. Held, Project Engineer

#### REPRESENTATIVE ASSIGNMENTS

##### Lakeside Resort Complex | Branson, Missouri

Lead team of experts in assessing hail damage to all roofing of over 175 buildings across four complexes.

##### Large Texas School District | Texas

Participated in team of experts in assessing hail damage to all roofs and mechanical systems across 70+ campuses in major metropolitan area including inspection, infrared, and core testing.

##### Fuel Storage Tank Collapse | Rapid City, South Dakota

Engaged to determine the cause and origin of the collapse of a steel shell fuel storage tank at Ellsworth Air Force Base and provided collection of field data and engineering assessment.

##### PEMB Collapse | Hamilton, Ohio

Determined cause and origin of the collapse of a large wide-span pre-engineered metal building that experienced a collapse during a local wind event while under construction and provided collection of field data, engineering assessment, coordination of evidence retention, and laboratory testing.

##### Hurricane Laura Response | Louisiana 2020

Performed structural and building envelope system evaluations of commercial properties in response to the passage of Hurricane Laura.

##### Winter Storm Uri Response | Texas 2021

Performed structural and building envelope system evaluations in response to sub-freezing temperatures, including residential and commercial facilities.

##### Festo Corporation | Mason, Ohio

A state-of-the-art assembly and distribution center with a steel structure clad with insulated metal panels, storefront, curtain walls, and TPO membrane. Engaged to assess the building envelope and develop remedial options from reported moisture intrusion through the exterior insulated metal wall panels and window systems.

# HALLIWELL

## MATTHEW EVERSOLE, PE

FORENSIC ENGINEER, CIVIL/STRUCTURAL ENGINEERING SERVICES

### **Westerville Community Center | Westerville, Ohio**

A \$21M renovation and expansion of an existing community center featuring a fitness area, gymnasium, track, natatorium, and climbing wall. Engaged to assess schedule delays relative to reported design impacts and architect standard of care.

### **Clubhouse Student Apartments | Louisville, Kentucky**

Recently-completed construction of three, five-story, wood-framed apartment buildings near the campus of the University of Louisville. The exterior cladding was a combination of brick and concrete masonry, fiber cement siding and panels. The roof was covered with TPO membrane over pre-engineered metal. Engaged to assess moisture intrusion conditions and alleged design defects related to the roof, breezeways, and exterior cladding.