

Drew Knostman, PE

Forensic Engineering Expertise

Origin & Cause

Determine the source and responsible party or element related to the failure of a structural or architectural element, or water damage in a building. Examples of past work include failure of roofing and wall cladding causing moisture entry, humidity and condensation related losses, and groundwater entry.

Inspection and Evaluation of Roofing Systems

This includes steep and low slope roofs as well as various types of roofing materials. Past work involved offering opinions and repairs related to installation deficiencies and storm-related damages, including for hail and wind.

Qualifications & Training

- Haag Training, Residential Roof Program, October 2017
- OSHA 30-Hr Safety Training, January 2000, Renewal Course January 2007
- ASHE (American Society for Healthcare Engineering) Healthcare Construction Training, March 1999

Education

Bachelor of Science in Civil Engineering
University of Cincinnati, Cincinnati, OH
June 1987

Licenses & Certifications

PE – Professional Engineer
Licensed by the State of Ohio - Number PE.56381
REWC – Registered Exterior Wall Consultant
Certified by IIBEC, Inc. – Registration Number 0157

Employment History

Forensic Engineer
Nederveld, Inc.
2016 - Present

Duties include forensic engineering investigations related to buildings.

Self – Employed
2012 - 2016

Carpentry and construction of miscellaneous improvements and renovations from private residences and light commercial buildings. Analysis and repair consultant, on a residential basis, for structural and building envelope failures.

RG Properties, Inc.
2011 - 2012
Project Manager

Commercial Real Estate Developer. Managed the initiation, implementation, and completion of existing property remodeling for new client repurposing; existing tenant renovations; and the construction of a new store for a national retail client out of state. Worked with property management on budgeting and scheduling of renovations and new construction proposals for clientele.

American Trademark Construction Services, Inc.

1996 - 2011

Senior Project Manager

General Contractor/Construction Manager. Started as a Project Engineer and progressively obtained the knowledge and successive project experience through RFP's, estimating, bidding, budgeting, scheduling, awarding, procuring, administering, coordinating, managing, and completing a multitude of challenging and successful projects – primarily health care but also educational, religious, and retail.

Rudolph/Libbe Inc.

1994 - 1996

Estimator/Project Engineer

General Contractor - Environmental Group. Responsibilities encompassed estimating, scheduling, procurement, and engineering for the construction of water and wastewater treatment facilities inclusive of private design/build and public utilities.

City of Dayton, OH, Department of Water

1991 - 1994

Senior Engineer

Operated Utilities Department, Customer Relations Section. Supervised four associates and worked directly with the Chief Field Engineer. Functioned as the Large Consumers Liaison; conducted plan review; managed large meter maintenance/procurement; inspected water/sewer main installation.

Shook Heavy and Environmental Construction, Inc.

1988 - 1991

Estimator

Large Heavy and Environmental General Contractor. Organized and prepared detailed estimates for competitive bids. Communicated and coordinated with subcontractors and participated in bidding operations. Obtained a working knowledge of project management and material procurement.

Bracket Builders, Inc.

1987 - 1988

Field Engineer

Small general contracting firm. Implemented layout, planning and actual construction of projects from start to finish. Assisted superintendents with job site administration. Gained a working knowledge of estimating/quantity take-off and bid proposals.

Expert Witness Experience

Depositions

July 2021

Guglielmi, Julie, et al. v. Ghiloni Custom Builders, Inc., v. Hilty & Raber Construction
Expert witness for Pekin Insurance Co., on behalf of Hilty & Raber Construction via
Remote Video Teleconference

Common Pleas Court, Licking County, Ohio, Case No. 19-CV-1033