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EDUCATION

BAE, Bachelor Architectural Engineering The Pennsylvania State University, State College, PA

PRESENT EMPLOYMENT

Robert J. Lewis is a Director with Berkeley Research Group in Pittsburgh, Pennsylvania. Mr. Lewis specializes in providing consulting services on engineering and construction issues relating to a broad range of both large and small construction projects. His experience is in the areas of constructability, structural and architecture design analysis; construction estimating and costs; schedule and claim analysis, and related construction management services.

PROFESSIONAL EXPERIENCE

Mr. Lewis has had over 40 years of experience in the Power and Industrial Group of a General Contractor, self-performing all excavation, concrete, masonry steel erection, equipment setting and general carpentry construction. This experience included estimating and supervision of all site civil work, utilities, storm water piping, site grading, heavy equipment rigging and installations and asphalt paving of access roads and parking lots.

Mr. Lewis is currently involved in an arbitration involving design and construction issue on a large transportation project in Ontario, Canada. Mr. Lewis was recently involved in an arbitration in Singapore involving a construction dispute on a high-rise project in Mongolia.

Mr. Lewis was recently involved in an arbitration in Singapore involving a construction dispute in Mongolia.

Mr. Lewis has recently been involved in the standard of care and construction defects of several industrial, residential and commercial buildings. The investigations have included water and moisture damage, mold, inadequate heating and cooling systems and various structural deficiencies.

Mr. Lewis has been involved in the analysis of damage and repairs for a variety of facilities for insurance companies. The list has included a fire at a glass plant, a punctured gas line and fire at an apartment complex and another apartment electrical fire. These analyses all dealt with the cause of the fire, the necessary repairs and insurance subrogation issues.

Mr. Lewis has experience with construction engineering design and evaluations of temporary construction systems including sheet piling, shoring, scaffolding as well as concrete formwork. He has significant experience regarding the placement and selection of cranes and the design of jacking towers to assure appropriate capacity and reach. This experience has been applied to the analysis several construction accidents involving temporary shoring, property damage and personal injury. The analysis has included a

review of applicable state and local health and safety codes, and the respective parties' compliance with those codes and instructions, an evaluation of the adequacy of the temporary construction involved, as well as the proper selection and operation of construction equipment.

Mr. Lewis was involved in a construction dispute involving the design, fabrication and installation of highway sound barriers along a New Jersey Interstate Highway.

Mr. Lewis is involved a Standard of Care analysis regarding the Developer, Contractor and Designer of several large apartment facilities in Pittsburgh, Pennsylvania and Columbus and Cincinnati, Ohio. The main issues involve water intrusion through the building shell. The properties have suffered significant damage and certain buildings required mold testing and abatement.

Mr. Lewis has experience with construction, engineering design, and evaluations of temporary construction systems including sheet piling, shoring, scaffolding as well as concrete formwork. He has recently been involved in the analysis of several construction accidents involving temporary shoring, property damage and personal injury. The analysis has included a review of applicable state and local health and safety codes, and the respective parties' compliance with those codes and instructions. He also conducted an evaluation of the adequacy of the temporary construction involved, as well as the proper operation of construction equipment.

Mr. Lewis has been elected to the National Academy of Forensic Engineers, is a member of the London Academy of Experts, (MAE), an Associate in The Royal Institution of Chartered Surveyors, (AssocRICS) and serves as an arbitrator of construction disputes with the American Arbitration Association.

Mr. Lewis recently completed an engagement for a local university involving the contractor's alleged defective architectural and structural design documents and the analysis of the resulting delay and impact claim filed by the contractors and the preparation of a counterclaim for the university.

Mr. Lewis has vast experience in construction issues including demolition, estimating, constructability analysis, site and soils analysis, temporary cofferdams, sheet piling, earthwork, paving, construction costs, scheduling, safety, scope analysis, subcontracting, sequencing, delay analysis, productivity and impact costs. Mr. Lewis has served as a Construction Project Director, Construction Claims Arbitrator and Analyst. This experience has been gained through employment with D&L, Inc., The Dick Group of Companies, and Rust Engineering. As a Project Director, Mr. Lewis was responsible for total operations and success of multiple projects up to \$100 million.

Mr. Lewis served as the construction executive for the design and construction of a sugar refinery in Ethiopia.

Mr. Lewis served as the real estate property manager for the property holdings of the Dick Corporation. He was responsible for property maintenance of building shells, site parking and access roads and the necessary corrective repairs as well as the designing and supervising requested tenant improvements.

Mr. Lewis was responsible for project estimates, opportunity evaluations, and project management. He established and maintained a successful client relationship promoting continued opportunities. Mr. Lewis also developed computerized estimating programs and management systems. Mr. Lewis became the benchmark for young engineers and conducted estimating and management training for several years. Notable projects included: Estimate for the Benedum Center, Sun Oil, Harrison Power Station, Sony PTT Plant, Delaware County Resource Recovery Facility, Two C5A Aircraft Hangars, Danskammer Power

Station, U. S. Steel’s, Fairfield Works, Irvin Works, Homestead Works, Clairton Works, Lorain Works and Beaver Valley Power Station.

TESTIMONY EXPERIENCE

In addition to providing testimony at numerous depositions, Mr. Lewis has provided expert testimony in State Courts and several arbitrations and other alternate dispute resolution proceedings covering issues of design, construction costs, delay and impact; construction means and methods; water intrusion and professional standard of care.

Mr. Lewis recently completed testifying in an international construction dispute involving design issues with a multi-use, hotel, commercial and residential high-rise tower in Mongolia. The proceeding was conducted in Singapore.

Mr. Lewis recently completed testifying in a dispute involving the Lessee’s obligations relating to a building’s condition and the lease terms of restoration and improvements. Mr. Lewis also recently completed the preparation of the expert report and provided testimony involving the analysis of construction work and costs at several data centers in California

Below is a record of his testimony experience and authored expert reports:

<u>Case Name</u>	<u>Legal Forum</u>
Testimony:	
• Beaver Valley Power Station	Beaver & Allegheny County Courts
• Sony PPT Facility	Federal Court, Western District
• Sun Oil, Middle Creek Abatement	Arbitration
• Belmont Learning Center	Arbitration
• SMS Demag / North American Stainless	Arbitration
• EADS - Gwin Engineers / Vitetta (Pine Grove)	Arbitration
• Washington County Jail	Arbitration
• Exodus Communications	Arbitration
• West Virginia University	Mediation
• New Albany Sanitary Authority	Mediation
• Marcus Adams / Zohar Water	Ohio State Court
• Haverford College	Delaware County, Pennsylvania
• Nationwide – Beckett Ridge	Ohio State Court
• MA Equipment Company – Lynn Tilton et al.	Ohio State Court
• Allied Erecting & Dismantling Co., Inc. - United States Steel Corporation	U.S. District Court for the Northern District of Ohio, Eastern Division
• Hu Honua Bioenergy – Hawaiian Dredging Construction Company	Arbitration
• Lotte Engineering & Construction – Mongolyn ALT Corporation (Joint Expert Report)	Singapore International Arbitration Centre, Maxwell Chambers
• Northstar Residential Development, LLC, Vs Mack Industries, Inc.	Franklin County, Ohio

Case Name

Legal Forum

Expert Reports:

<ul style="list-style-type: none"> • USS Kobe Steel • Shaler Area Schools, Intermediate School • Belmont Learning Center • SMS Demag / North American Stainless • EADS - Gwin Engineers / Vitetta • Washington County Jail • Apollo Ridge School District • Mainline / Iroquois School District • Exodus Communications • Wynnewood Refinery • Buchart-Horn • Philadelphia Eagles-Turner Keating JV • Marcus Adams / Zohar Water • Haverford College • Aeropointe Medical / Neyer Properties • Nationwide - Residence at the Docks • Cameron Family Glass • Nationwide – Residence at the Wren • Nationwide – Easton Commons • Trimark Engineers – Joan Galupi • Shawmut Construction – John Antonucci • Broadway Concrete – Hudson Green • Nationwide – Beckett Ridge • Western Pennsylvania Health & Athletic Assoc. – Pilgrim Energy Company • Moe G. Enterprises, LLC – Gabriel Fontana • Nationwide – Woods at Polaris • MA Equipment Company – Lynn Tilton et al. • Waterfront Partners – C.R. Masonry • ProEnergy, Inc. – GENA, Colon, Panamá • Residence at Wren – C.R. Masonry • ProEnergy, Inc. – GENA, Colon, Panamá • Pine Communities LLC – Christopher Wren Apartments – C.R. Masonry • Johnson & Wood – Pepco Energy Services, Inc. • Allied Erecting & Dismantling Co. Inc. - United States Steel Corporation • Hu Honua Bioenergy LLC - Hawaiian Dredging Construction Company, Inc. • East Hampton Union Free School District – Sandpebble Builders, Inc. • Bennu Glass LLC – J.H. Kelly LLC 	<ul style="list-style-type: none"> Ohio State Court Arbitration Arbitration Arbitration Arbitration Arbitration Pennsylvania State Court Pennsylvania State Court Arbitration Alabama State Court Pennsylvania State Court Arbitration Ohio State Court Delaware County, Pennsylvania Ohio State Court Allegheny County, Pennsylvania Mediation Mediation Mediation Allegheny County, Pennsylvania Pennsylvania State Court New Jersey State Court Ohio State Court Pennsylvania State Court Pennsylvania State Court Ohio State Court Ohio State Court Pennsylvania State Court Arbitration, Texas Pennsylvania State Court Arbitration, Texas Pennsylvania State Court U.S. District Court for the Middle District of Pennsylvania U.S. District Court for the Northern District of Ohio, Eastern Division Arbitration, Hawaii New York Supreme Court, County of Suffolk Arbitration, Washington State
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Case Name	Legal Forum
<ul style="list-style-type: none"> • <i>Expert Report Continued:</i> • KSH Properties, et al. – PC Marketing, Inc • Turner Construction Co. – WV Campus Housing LLC • Cranberry DFK – Cranberry Township • Pasterak & Fidis, P.C. – Recall; Total Information Management, Inc. • Lotte Engineering & Construction – Mongolyn ALT Corporation (Joint Expert Report) • Pomerleau Inc. – Toronto Transit Commission • Northstar Residential Development, LLC, Vs Mack Industries, Inc. • McDermott Vs Laughlin Builders • SIR Properties Trust vs. Cinram Group, Inc. 	<p>Washington State Court Arbitration</p> <p>Court of Common Pleas of Butler County, PA U.S. District Court for Maryland</p> <p>Singapore International Arbitration Centre, Maxwell Chambers</p> <p>Arbitration, Ontario, Canada Franklin County, Ohio</p> <p>Pennsylvania State Court</p> <p>U. S. Bankruptcy Court District of New Jersey</p>

PROFESSIONAL AFFILIATIONS

- National Academy of Forensic Engineers (NAFE)
- Architectural Engineering Institute (AEI)
- Engineers Society of Western PA (ESWP)
- American Arbitration Association, Panelist (AAA)
- National Society of Professional Engineers (NSPE)
- Project Management Institute (PMI)

PROFESSIONAL LICENSES and ACCREDITATIONS

- Registered Professional Engineer [P.E.]: Alabama, Arizona, Arkansas, Georgia, Indiana, Iowa, Kentucky, Louisiana, Maryland, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Texas, Washington, West Virginia and Ontario, Canada [P. Eng.]
- Member of The Academy of Experts, London, [MAE]
- Certified Project Manager Professional, [PMP]
- Associate The Royal Institution of Chartered Surveyors, [AssocRICS]
- Elected Member Peters Township Council
- Recognition:

