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EDUCATION

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

PRESENT EMPLOYMENT

Robert J. Lewis, P.E., 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 30 years of construction experience with a General Contractor, self-performing all excavation, concrete, masonry, steel erection, equipment setting and general carpentry construction. This experience included estimating and supervising all site civil work, utilities, storm water piping, site grading, structural erection, construction engineering of temporary shoring towers and heavy equipment rigging for power plants, stadiums, and other industrial facilities. Mr. Lewis has been involved in the construction and analysis of complex concrete and structural steel facilities including aircraft hangars, stadiums, and power stations. Mr. Lewis was involved in the construction of a major I95 interchange in Portsmouth, New Hampshire. Early in his career Mr. Lewis was involved in the soils and foundation designs.

Mr. Lewis has been involved in the forensic analysis of design and construction issues for a variety of commercial, office and residential properties. The issues have involved water intrusion in the building exterior systems, resulting in interior structural and mold damage. There have been several projects for West Virginia University, the University Hospital and several commercial and residential buildings. Recent work includes several mid-rise residential properties in Texas, three data centers in the middle east, a power plant in Mexico, a hotel in Macau, China and several other properties in the United States.

Mr. Lewis has been involved in several standard of care evaluations involving architectural, structural and mechanical elements of the buildings. Many of the projects have included code compliance, fire protection systems, and exterior water / moisture intrusion.

Mr. Lewis has a career of experience constructing steel structures for buildings and industrial facilities. That experience in the estimating and erection of these structures has provided the background to deal with forensic investigations of severe structural steel structures. Mr. Lewis has been involved in structural steel design and construction claims on several stadium projects including Miller Park, PNC Park, both

baseball stadiums, Lincoln Financial Field, the Philadelphia Eagles football stadium, and the Peterson Events Center , and basketball arena. Mr. Lewis is currently involved in the analysis of structural steel claims for a university library, in Ontario and recently finished one on a Facebook building in California.

Mr. Lewis has been involved in the analysis of several construction accidents involving rigging, steel erection, formwork and shoring and scaffold design for a variety of facilities.

Mr. Lewis has investigated property damage for insurance companies. The list includes a fire at a glass plant, a punctured gas line and fire at an apartment complex, a massive fire in a commercial development in California and another apartment electrical fire. These analyses all dealt with the cause of the fire, the necessary repairs and insurance subrogation issues. Many of these cases involved extensive repair and reconstruction cost estimates.

Mr. Lewis is currently involved in the analysis of claims on facilities in Arizona, Colorado, Pennsylvania, New York, Texas, Washington, and West Virginia, all states in which he is licensed as a Professional Engineer. He is a CESB Certified as a Diplomat of the National Academy of Forensic Engineers (DFE), a member of the London Academy of Experts, (MAE), an Associate in The Royal Institution of Chartered Surveyors, (AssocRICS), and an Associate with the Chartered Institute of Arbitrators (CIArb). He also serves as an arbitrator of construction disputes with the American Arbitration Association (AAA).

TESTIMONIAL EXPERIENCE

In addition to providing testimony at numerous depositions, Mr. Lewis has provided expert testimony in state courts, arbitrations, and other alternative dispute resolution proceedings. His testimony has covered issues of design, construction costs, delay and impact, construction means and methods, water intrusion, and professional standards of care.

Mr. Lewis recently completed testifying in an international construction dispute involving design issues in Dallas, Texas and Ontario, Canada and with a multi-use, hotel, commercial and residential high-rise tower in Mongolia. The proceeding was conducted in Singapore. Mr. Lewis has provided testimony on engineering and design issues in California.

Following is a record of Mr. Lewis’ testimonial experience and authored expert reports:

Case Name	Legal Forum
<u>Testimony:</u>	
• 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

• **Testimony Continued:**

- 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
- Pomerleau Inc. – Toronto Transit Commission Arbitration, Ontario, Canada
- McDermott Vs Laughlin Builders Erie County, Pennsylvania
- Paul Scerri vs. AquaGuard Systems, Inc. Arbitration
- Kelly Services, Inc. vs. Iron Mountain, Inc. Oakland County, Michigan, Case No. 2017 – 157630 - CB
- Daniel & Deanna Istik vs. Dan Ryan Builders Butler County, Pennsylvania
- Keen & Prouty v. Hassett Engineering, Facebook Building # 21 Superior Court of California, Alameda County, Case # RG19015288
- Lovers Tradition II v. LG Electronics, USA, and Four Suns Construction Inc District Court, Dallas County, Texas Case # DC-17-09593
- Brayman Construction Corporation vs. SPK Engineering Arbitration, Beaver County, Pennsylvania
- Jefferson Lake Apartments vs. ORB Architects Arbitration, Tempe, Arizona
- C.R. Meyer & Sons Co. vs. WestRock CP, LLC Arbitration, South Carolina
- Carlyle Condominium Association vs. Spruce Street Properties & Bishoff Entities Court of Common Pleas of Allegheny County, Case #GD 14-14988
- Grecian Delights vs. Great American Insurance. Arbitration, Chicago, IL
- Ryan and Melissa Vecchi vs. Barrington Homes, LLC. Arbitration, Pittsburgh, Pennsylvania
- Brandt Companies vs. Buckner Senior Living 14th District Court, Dallas County, TX

Expert Reports:

- Shaler Area Schools, Intermediate School Arbitration
- Belmont Learning Center Arbitration
- SMS Demag / North American Stainless Arbitration
- EADS - Gwin Engineers / Vitetta Arbitration
- Washington County Jail Arbitration
- Apollo Ridge School District Pennsylvania State Court
- Mainline / Iroquois School District Pennsylvania State Court
- Exodus Communications Arbitration, San Jose, CA
- Wynnewood Refinery Alabama State Court
- Buchart-Horn Pennsylvania State Court
- Philadelphia Eagles-Turner Keating JV Arbitration, Philadelphia, PA
- Marcus Adams / Zohar Water Ohio State Court
- Haverford College Delaware County, Pennsylvania
- Aeropointe Medical / Neyer Properties Ohio State Court

- **Expert Reports Continued**

- Nationwide - Residence at the Docks
Allegheny County, Pennsylvania
- Cameron Family Glass
Mediation
- Nationwide – Residence at the Wren
Mediation
- Nationwide – Easton Commons
Mediation
- Trimark Engineers – Joan Galupi
Allegheny County, Pennsylvania
- Shawmut Construction – John Antonucci
Pennsylvania State Court
- Broadway Concrete – Hudson Green
New Jersey State Court
- Nationwide – Beckett Ridge
Ohio State Court
- Western Pennsylvania Health & Athletic Assoc. – Pilgrim Energy Company
Pennsylvania State Court
- Moe G. Enterprises, LLC – Gabriel Fontana
Pennsylvania State Court
- Nationwide – Woods at Polaris
Ohio State Court
- MA Equipment Company – Lynn Tilton et al.
Ohio State Court
- Waterfront Partners – C.R. Masonry
Pennsylvania State Court
- ProEnergy, Inc. – GENA, Colon, Panamá
Arbitration, Texas
- Residence at Wren – C.R. Masonry
Pennsylvania State Court
- Pine Communities LLC – Christopher Wren Apartments – C.R. Masonry
Pennsylvania State Court
- Johnson & Wood – Pepco Energy Services, Inc.
U.S. District Court for the Middle District of Pennsylvania
- Allied Erecting & Dismantling Co. Inc. - United States Steel Corporation
U.S. District Court for the Northern District of Ohio, Eastern Division
- Hu Honua Bioenergy LLC - Hawaiian Dredging Construction Company, Inc.
Arbitration, Hawaii
- East Hampton Union Free School District – Sandpebble Builders, Inc.
New York Supreme Court, County of Suffolk
- Bennu Glass LLC – J.H. Kelly LLC
Arbitration, Washington State
- KSH Properties, et al. – PC Marketing, Inc
Washington State Court
- Turner Construction Co. – WV Campus Housing LLC
Arbitration
- Cranberry DFK – Cranberry Township
Court of Common Pleas of Butler County, PA
- Pasterak & Fidis, P.C. – Recall; Total Information Management, Inc.
U.S. District Court for Maryland
- Lotte Engineering & Construction – Mongolyn ALT Corporation (Joint Expert Report)
Singapore International Arbitration Centre, Maxwell Chambers
- Pomerleau Inc. – Toronto Transit Commission
Arbitration, Ontario, Canada
- Northstar Residential Development, LLC, Vs Mack Industries, Inc.
Franklin County, Ohio
- McDermott Vs Laughlin Builders
Pennsylvania State Court
- SIR Properties Trust vs. Cinram Group, Inc.
U. S. Bankruptcy Court District of New Jersey
- Paul and Fiona Scerri vs. AquaGuard Systems
Arbitration, Pittsburgh, PA
- South Park School District vs. Forman Architects Engineers and Geo-Mechanics, Inc.
Allegheny County, Pennsylvania
- Kelly Services, Inc. vs. Iron Mountain, Inc.
Oakland County, Michigan
- Coburn Contractors, LLC vs. The United States
U.S. Court of Federal Claims

- **Expert Reports Continued**

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| • Triune - Beck Joint Venture vs. U. S. Dept. of Commerce, NOAA | U.S. Civilian Board of Contract Appeals |
| • Carlyle Condominium Association vs. Spruce Street Properties & Bishoff Entities | Court of Common Pleas of Allegheny County, Case #GD 14-14988 |
| • Lovers Tradition II v. LG Electronics, USA and Four Suns Construction Inc. | District Court, Dallas County, Texas Case # DC-17-09593 |
| • Koala Holdings, LLC v. Columbia Gas of Pennsylvania | Beaver County, Pennsylvania, Case #2019-11088 |
| • Keen & Prouty v. Hassett Engineering, Facebook Building # 21 | Superior Court of California, Alameda County Case # RG19015288 |
| • Wynn Resorts vs. Leighton Construction | Macau, China |
| • Daniel & Deanna Istik vs. Dan Ryan Builders | Butler County, Pennsylvania |
| • Brayman Construction Corporation vs. SPK Engineering | Arbitration, Beaver County, Pennsylvania |
| • Jefferson Lake Apartments vs. ORB Architects | Arbitration, Tempe, Arizona |
| • Istiks vs. Dan Ryan Builders | Arbitration, Beaver County, PA |
| • Delp & Graeff vs. S & A Homes and Others | Allegheny County, PA, Case GD18-0059535 |
| • C.R. Meyer & Sons Co. vs. WestRock CP, LLC | Arbitration, South Carolina |
| • Hammes Health Partners vs HDA Architects | Texas State Court |
| • Frank Gaus, III vs. EXP Global, Inc. | West Virginia State Court |
| • Grecian Delights vs. Great American Insurance. | Arbitration, Chicago, IL |
| • Ryan and Melissa Vecchi vs. Barrington Homes, LLC. | Arbitration, Pittsburgh, Pennsylvania |
| • University of Toronto vs. Harbridge & Cross, Ltd. | Toronto, Ontario, Canada |
| • Mark & Jennifer Michalek vs. Shawn Steele and Pittsburgh Property Maintenance, LLC | Allegheny County, PA Case #GD-18-000298 |
| • AET & HDR vs. Wisconsin Central Ltd | Arbitration, Chicago, IL |
| • Brandt Companies vs. Buckner Senior Living | 14 th District Court, Dallas County, TX |
| • N.E. West Legacy Tower LVL 29 vs Hunt Construction Group, Inc. | Arbitration, Dalas, TX |
| • Sandra & Christopher Cortez vs. Toyota Manufacturing | 150 District Court, Bexar County, Texas |

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

- Registered Professional Engineer, [P.E.]: Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Indiana, Iowa, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Texas, Vermont, Virginia, Washington, Washington DC, West Virginia and the Province of Ontario, Canada, [PEng.]

ACCREDITATIONS

- Elected Pennsylvania Township Official
- Member of The Academy of Experts, London, [MAE]
- CESB Certified as a Diplomate Forensic Engineer (DFE),
- Associate The Royal Institution of Chartered Surveyors, [AssocRICS]
- Associate Chartered Institute of Arbitrators, [CIArb]
- Project Management Institute, [PMP]