

# G. Peter Vander Heide, AIA

## Architect and Testifying Expert



### Education

- University of Michigan, Master of Business Administration, 1977
- University of Michigan, Bachelor of Architecture, 1971

### Registrations and Accreditations

- Registered Architect: Michigan, Pennsylvania, and New Jersey
- LEED Accredited Professional, United States Green Building Council

### Professional Affiliations

- Voting member of ASTM International Subcommittee E 06.55 Performance of the Building Envelope
- American Institute of Architects Philadelphia - Finance Committee Chairman, former Board of Directors & Treasurer, AIA/GBCA Joint Committee Member
- AIA Pennsylvania - former Board of Directors
- Professional Services Management Association Philadelphia Chapter- Founder, Board of Directors, former President
- Professional Services Management Association (national) - former Vice President Professional Development, President Elect, President, Past President and Board Member

### General Experience

Mr. Vander Heide has over 40 years of experience as a registered architect in the construction industry. His professional experience includes the design of residential, commercial, and institutional/industrial facilities for public and private owners. He has managed both architects and engineers in several organizations. His career has encompassed design, analysis, and field problem solving of structural work for a manufacturer of space-frame systems; management, development, training and computer programming work in a large, multi-disciplined design firm; and management of professionals and project work as the owner of a large collection of public buildings in a major city. He has broad experience with codes and standards including the International Building Code, BOCA, the Uniform Building Code and the Southern Building Code.

Mr. Vander Heide has also been a principal in his own firm since 1990, providing a broad range of architectural and architectural consulting services to A/E firms and the public. Mr. Vander Heide has testified in cases in Pennsylvania and New Jersey, and has been a juror in a Pennsylvania criminal case, and civil and criminal cases in Michigan.

### Professional Experience

Significant past project involvement includes the following:

- Private Residence, Turks & Caicos Islands, B. W. I.
- 50% Peer Review of renovations to the Gallery, East Market St., Philadelphia

- Philadelphia City Hall Master Plan and demonstration projects for cleaning and restoring the building envelope, as the owner
- The Shores at Wesley Manor, Ocean City, NJ for Donnelly Wagner Nelson Architects, LLC
- Collingswood Manor, Collingswood, NJ for Donnelly Wagner Nelson Architects, LLC
- Manhattan View, Union City, NJ, for The Brommer Group
- Perkiomen Valley Elementary School, Schwenksville, PA. for KCBA Architects
- Brandywine Elementary School, Brandywine, PA for. KCBA Architects
- St. Elizabeth Church and School, Sellersville, PA for. KCBA Architects
- St. Alfonses Church and School, Maple Glen, PA for. KCBA Architects
- Penn Ridge High School, Penn Ridge, PA for. KCBA Architects
- Cedar Grove Christian Academy, Philadelphia, PA for Philip E. Franks & Assoc.
- Quakertown High School, Quakertown, PA. for KCBA Architects
- St. Basil's Church, Westmont, PA. for KCBA Architects
- Christmas Displays for Strawbridge & Clothier, Philadelphia, PA
- Prince Music Theatre, Philadelphia, PA for Cooke/Chachkes Associates, Ambler, PA
- Retail space for Strawbridge & Clothier
- Design and manufacture of Mero space-frame roof structure for shelter for remains of the civil war Gunboat Cairo recovered from the Mississippi River, Vicksburg, MS
- Design and construction of Mero space-frame roof structure for Gerald R. Ford Presidential Library, Grand Rapids, MI which underwent pre-occupancy full scale load testing
- Construction of Mero space-frame skylight support and roof structure, Montreal, Canada for Hotel du l'aéroport, Mirabel Airport
- Architectural design and documentation of 7 buildings for a 10 MGD Waste Water Treatment Plant in Niles, MI for MacNamee, Porter & Seelye, Consulting Engineers

### **Project Visualization Experience**

Visualization work including computer models and rendering for the following projects:

- The College of New Jersey, Ewing, NJ for Kitchen Associates
- Washington Savings Bank Headquarters, Philadelphia, PA, for Stein Architects
- Applied Card Systems Headquarters Office Building, Southeastern PA, for Stein Architects
- Gurwin Jewish Geriatric Center, a 460-bed Residential Healthcare Facility, located on a 15 acre suburban campus on Long Island, Lake Success, NY, for Landow & Landow
- An office and distribution center for Dollar Stores, Philadelphia, PA, for The Office of Charles King Architects and Store Planners

- Security options for the Pennsylvania Capitol building, Harrisburg, PA, for Vitetta, Philadelphia, PA
- William Penn Charter School new recreation building, Philadelphia, PA, for Hayes & Hough Architects
- The Union League Archives plus project, an adaptive re-use in an historic building, Philadelphia, PA for William Post Thomas, AIA
- Pennsylvania Academy of Fine Arts a new stairway in an historic Furness building, Philadelphia, PA for Dagit – Saylor Architects
- A high end residence (Ralph & Suzanne Roberts' apartment), Philadelphia, PA for Malcolm Eisenberg, Philadelphia, PA & Don Reiff, Elkins Park, PA
- Linderman Library renovation at Lehigh University, Lehigh, PA for MGA Partners
- A fund raising video animation for the National Constitution Center, Philadelphia, PA with design help from Ueland Junker MacCauley Nicholson and GBQC, Inc.
- International Cultural Center at Lincoln University for Saylor/Gregg Architects

### **CAD/Computer Training**

DWKCB Architects, Inc., Hatfield, PA and Philadelphia, PA  
 Kitchen Associates, Collingswood, NJ  
 Cooke/Chachkes Associates, PC, Ambler, PA  
 Alvin Holm, AIA, Architects, Philadelphia, NJ  
 Curtis Cox Kennerly, PC, Philadelphia, PA

### **Expert Testimony and Opinions:**

**Betty Payne v. Temple University Hospital.** Post occupancy, an accident caused an injury. Provided an opinion on the design of vehicle and pedestrian traffic relative to the use of the facility by the owner. Written report for plaintiff.

**DKM & Cherry Valley Construction Company v. STO Corp.** Post construction, the developer was forced to remove STO EIFS from over 100 homes due to moisture problems. Provided an opinion as to the suitability of the product to a particular purpose for the developer. Written report, rebuttal report, and deposition testimony for the plaintiff, settled favorably for plaintiff.

**CCC Atlantic, LLC v. Intech Construction, Inc.** Post construction, the owner of an office/commercial renovation project near Atlantic City, New Jersey experienced storefront window leaks. Provide an opinion on the adequacy of the construction for the owner. Written report for plaintiff.

**Estate of Mykola Bojczuk v. Centimark** A dispute about the quality of a re-roofing job. Provided an opinion as to the quality and workmanship of the re-roofing for the owner. Written report for plaintiff, settled favorably.

**Paladino v. KeySpan New England, LLC** A teenager was injured while trespassing on an abandoned pier on the Delaware River. Provided an opinion relative to the requirements of the Philadelphia Property Maintenance Code for the owner. Written report for the defendant, settled favorably.

**Kanter v. Parec, et. al.** Post occupancy, the owner was plagued with water and mold problems in this new house. Provided an opinion as to the adequacy of the design and installation of the window installation for the window installer. Written report for mediation for a defendant, settled favorably.

**Catasauqua Area School District vs. Crabtree, Rohrbaugh & Associates, Inc.** Post construction, the school district sought recovery for delays and excessive costs from the architect. Participated in a written report regarding specific performance and standard of care of the architect on behalf of the plaintiff.

**Seagate Longmont Consolidation Facility**, a new office, lab and manufacturing facility's performance suffered from over value engineering without appreciation of all the consequences. Provided an opinion on the adequacy of original design and contractor mediations for the architect. Written report for defendant.

**New Jersey School Construction Corporation.** The architect for two new school buildings in Jersey City claimed additional fees. Consulted for NJSCC to evaluate validity of the architect's claims.

**Linda Hoye v. Aspen Section Condominium Council**, a condominium resident was injured on the premises. Provided an opinion regarding fire and property management code compliance for the condominium council. Written report for defendant owner, settled favorably.

**Tiger Hayes v. L. Robert Kimball, Assoc. Architects and Engineers, Inc.**, a dispute about responsibilities for budget estimating in a design build, LEED office building. Consulted for the defendant architect prior to settlement.

**Brandywine v. MDC Systems, Inc.**, a dispute about reconciliation of rents and the rentable area rented. Provided an opinion about rentable area in the tenant area for the tenant. Written report for defendant.

**Bellamy v. Westover Companies and Christiana Properties, LLC.** Post construction personal injury. Provided an opinion regarding defects in the premises for the plaintiff. Written report for plaintiff, settled favorably.

**Stout Road Assoc. v. Alesker & Dundon Architects.** Post construction professional liability case involving encroachment on public right of way. Provided an opinion regarding the professional standard of care for the owner. Certificate of Merit and written report for plaintiff, settled favorably.

**Kline v. j2a et.al.** During construction a worker was injured, he sued architect, contractors and owner. Provided an opinion regarding professional conduct and practice for the architect. Written report for architect defendant.

**Lobar v. WASD & McKissick.** Contractor claims damages from owner and architect during construction of Wellsboro High School, Wellsboro, PA. Consulting for the School District, identifying defects and continuous full time inspection of roof replacement for defendant.

**Brister v. 1845 Walnut Street Assoc. et.al.** Post construction personal injury due to falling toilet partition door. Provided an opinion regarding maintenance of facility. Written report for plaintiff, settled favorably.

**Frankel v. Dri-vit** Homeowner victim of rotting sheathing beneath EIFS. Consulted with plaintiff's counsel.

**New Jersey Turnpike Authority.** Analysis of delay and material escalation claims due to design errors in structural steel in new Driscoll Bridge over Raritan River for New Jersey Parkway. Written Report for plaintiff.

**Silverman v. Benjamin Shaoul, et.al.** Condominium purchaser cannot occupy unit due to damage from water intrusion in unit, causing dispute over cause of water intrusion. Developed opinion for curtain wall sub-contractor defendant.

**Bridda v. Jennifer Weitsmann and Palcko Homes, Inc.** Home owner claims damages for defective roof in new construction. Written report and testified at Arbitration hearing for the plaintiff.

**Munoz v. City of Union City** Building owner claims damages from City due to demolition of building damaged by fire. Written report for defendant, dismissed with prejudice.

**Miller v. builder of tract house** Owner victim of sheathing rotting behind stucco on frame home. Opinion letter for plaintiff prior to suit.

**Port Liberte v. New Liberty, et. al.** Condominium Association seeks damages for defective construction. Provided affidavit of merit for plaintiff against architect.

**Conestoga Bank v. Bock** Bank attempting to collect receivables due failed subcontractor. Examined ceramic tile installation at Penn Ridge High School for plaintiff.

**Paramount Homes v. Tishman et. al.** Condominium developer seeks damages for defective construction from Construction Manager and others. Consulting for concrete sub-contractor defendant.

**K. Hovnanian v. United Group Construction Services** Developer seeks damages for system failure of stucco over wood frame homes. Consulting for stucco sub-contractor defendant, presented preliminary conclusions at mediation meeting, settled favorably.

**Monongahela Valley Hospital v. Design Builder** Owner found deteriorating shower stall walls eight years after construction of Fitness Center. Tile and gypsum board issues. Prepared preliminary report, designed, documented, and oversaw installation of replacement showers for potential plaintiff owner.

**David J. Chang v. OC Builders, LLC, et al.** Owner unhappy about stucco installed as rain screen over drainage plane and soy based open cell foam insulation. Consulted with defendant contractor.

**Dempsey Weiss Assoc. v. D'Arrigo R.A. & Fabbri Builders.** Owner unhappy with defective design and construction of office addition. Prepared report for owner plaintiff. Participated in mediation session, settled favorably.

**Kenrich Athletic Club v. 19<sup>th</sup> and Sansom Assoc.** Tenant unhappy with owner, Sought alleged damages regarding unsafe nightclub operation. Written report for defendant owner.

**Horowitz v. Lennar, et.al.** Homeowner servicing air-conditioning filter in attic passed out and fell between roof trusses through first floor ceiling sustaining injuries. Written report for defendant builder.

**Perasso v. Caesar's Cove Haven** Hotel guest sought damages for fall in hotel suite because of darkness. Written report for defendant owner. Testified in the U.S. District Court for the Middle District of Pennsylvania, owner's verdict.

**Vamsidhar Vurimindi v. Chao Li, et. al.** Developer unhappy with defective and unfinished construction sought damages from general contractor and bank which abetted fraudulent repair work. Written report for plaintiff owner and testified in Court Ordered Arbitration in Philadelphia City Hall, verdict for developer.

**Crozier v. Suds Beer et. al.** Underage student bought beer illegally, went to New Year's Eve party at U of Pennsylvania campus; drank too much and fell over a stair rail to his death. Written report on defective stairway handrail for plaintiff. Case settled in favor of plaintiff.

**McGuire v. Moser Builders, et. al.** Homeowner has home inspection saying stucco should be replaced. Written report for defendant builder. Non-jury trial resulted in no damages awarded.

**Costello v. Irish Pub** Patron falls on stairway to downstairs restroom and sues for damages. Written report and testified in Philadelphia Common Pleas Court for Plaintiff, who won substantial award from jury.

**Zakiya Carter v. Drexel University** Student injured by doorway mullion. Consulted for owner defendant.

**Cheltenham School District v. Hayes Large Architects** School building suffered water penetration and mold due to faulty addition design. Consulted with the plaintiff owner. Certificate of Merit against architect.

**The Palisades At Fort Lee Condominium Association, Inc. v. Palisades AV Company, LLC** Developer sold apartment building that was converted to condominiums and sold to new owners. After several years new owners sued for building defects. Written report as to whether or not an owner's in-house architect was part of the design team for the developer defendant, favorable result.

**Haughney v. Kotch** Tenant injured on substandard stairway sought damages from owner. Written report for plaintiff, settled favorably.

**Kenrich Athletic Club v. Donald M. Moser, Esq.** Afterhours bar owner sought damages for professional liability from attorney who represented him in appeal involving loss of liquor license. Written report for defendant, suit was dismissed.

**Fumo v. Wal-Mart** Customer trips on temporary construction protection. Written report for plaintiff, who settled favorably.

**Zane v. R. C. Legnini Company** Workman injured on jobsite, alleged that a sub-contractor is the general contractor and responsible for overall site safety and sought damages from the sub-contractor. Written report for defendant, who settled favorably.

**Phillips v. Spring Garden Community Development Corp.** Second owner of stucco over OSB house has leaks and mold problems. Observed remediation work for developer defendant.

**O'Connell v. U.S. Home** Pedestrian backed off walkway and sustained injuries. Written report for developer defendant, suit pending.

**Wagner v. Hibernia Homes** Homeowner sues builder to recover damages from rotting OSB sheathing under stucco and adhered stone veneer. Arbitration testimony for plaintiff homeowner.

**The Manors at South Mountain v. Pulte** Home Owners Association seeks damages from builder/developer. Written report for sub-subcontractor defendant, identified problems ignored by two other engineering experts.

**Wean v. U.S. Home** Homeowner sues builder alleging defects caused water intrusion and resulting mold. Working for builder.

**Nolan v. VEBH** Student injured by falling ductwork at middle school near Pittsburgh seeks damages, HVAC contractor includes architects as additional defendant. Written report for architects who were dismissed via compulsory nonsuit motion.

**New Jersey School Construction Authority v. Yezzi Associates** State authority alleges design errors and omissions in design of addition and renovations to Park Avenue Elementary School, East Orange, NJ, consulting for the plaintiff.

**Our Lady of Fatima Shrine v. Lauer Manguso Associates** Religious order sues it's architect for addition to the Basilica of the National Shrine for Our Lady of Fatima for errors in design and construction, consulting for the plaintiff.

**StoneGate COA v. Berks Homes** Condominium Owners Association suing builder and developer for remedial work on stucco homes which required removal of old stucco and windows and replacement of same, consulting for plaintiffs.

**Villages at Buckingham POA v. Toll Brothers** Home owners association seeks additional work from builder developer at turnover after ten years of warranty, consulting for defendant builder.

**Hotel Capital Group, LLC v. Bastian & Baines Assoc.** Owner of West Charleston Holiday Inn in West Charleston, WV seeks damages from architect who designed a remodel that impedes operation of individual room HVAC units, consulting for plaintiff.

**Moran v. Westrum Development** Homeowner discovered rotted OSB under stucco in Ambler, PA, sued builder, written report for defendant builder.

### **Professional Seminars and Training**

- WUFI Seminar, Oak Ridge National Laboratory & Fraunhofer Institute of Building Physics, Waltham, MA 2006
- SEAK, Inc. Expert Witness Conference, Hyannis, MA 2006
- Advanced WUFI Seminar, Oak Ridge National Laboratory & Fraunhofer Institute of Building Physics, Napa, CA, 2006
- Advanced WUFI Seminar, Fraunhofer Institute of Building Physics & Oak Ridge National Laboratory, at Fraunhofer Institute of Building Physics, Holzkirchen, Germany, 2007
- Speaker for "Sticks and Bricks" program for American Bar Association Construction Forum, in Washington, DC, 2007
- Primavera Project Planning and Scheduling, Bala Cynwyd, PA
- Advanced WUFI Seminar, Oak Ridge National Laboratory & Fraunhofer Institute of Building Physics, Napa, CA, 2008

- Speaker for Design on the Delaware, Philadelphia, PA, 2008
- Roofing Consultants Institute Symposium, Washington, DC, 2009
- Roofing Consultants Institute Convention, Orlando, FL, 2010
- Roofing Consultants Institute Convention, Reno, NV, 2011
- Roofing Consultants Institute Symposium, Charlotte, NC, 2011
- Certified as WUFI Pro Trainer, Oak Ridge National Laboratory, 2012
- Advanced WUFI Seminar Oak Ridge National Laboratory, Napa, CA, 2014
- Roofing Consultants Institute Convention, San Antonio, TX, 2015
- Roofing Consultants Institute Convention, Orlando, FL 2016
- ASTM Committee Week, San Antonio, TX 2016
- Have constantly maintained all continuing education requirements for architects for New Jersey registration, and AIA membership.