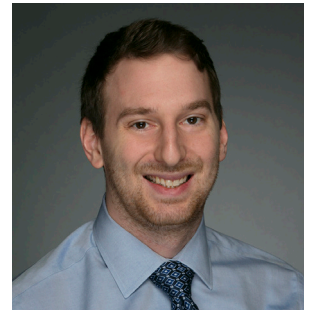


Curriculum Vitae Jasen Lenker, P.E.

Civil/Structural Engineer



EDUCATION

Master of Engineering, Civil
Engineering, George Mason University
Bachelor of Science, Civil Engineering,
Purdue University

REGISTRATIONS AND CERTIFICATIONS

Professional Engineer in Florida,
Maryland, North Carolina, and Texas
Certified XL Tribometrist
HAAG Certified Roofing Inspector,
Commercial and Residential
OSHA 10 Hour Certification

AFFILIATIONS

Member, International Institute of
Building Enclosure Consultants (IIBEC)
Member, National Society of
Professional Engineers (NSPE)

PROFESSIONAL EXPERIENCE

Civil/Structural Engineer, Kimley-Horn
and Associates, Inc., West Palm Beach,
FL, 2017 – Present
Structural Engineer, Global Forensic
Investigations, Inc., Chantilly, VA, 2011-
2017
Engineering Intern, Global Forensic
Investigations, Inc., Chantilly, VA, 2010-
2011

PROFESSIONAL SUMMARY

Mr. Lenker's work experience includes a variety of civil and structural engineering projects ranging from small scale residential insurance claims to multi-million dollar land development and rehabilitation projects. His background in forensics covers a range of loss investigations related to structural, geotechnical, environmental, and construction related issues on hundreds of residential and commercial structures. He has experience reviewing construction plans, specifications, contracts, and code requirements. He has also worked on a variety of projects in multiple phases of design and construction, as well as designed and drafted repair details and structural drawing sets. Mr. Lenker has provided consultation services for a variety of clients, including insurance companies, land developers, attorneys, self-insured, and construction companies, as well as provided expert witness support and testimony on multiple cases.

CONTINUING EDUCATION

Fire Safety in Wood Construction (2021)
Retrofitting Homes for Wind Protection (2021)
Certified XL Tribometrist Certification Program (2020)
Tropical Engineering: Concrete, Wood, Metals (2020)
Safe Rooms and Shelters Protecting People Against Terrorist Attacks (2018)
HAAG Certified Residential Roofing Inspector Course (2017)
HAAG Certified Commercial Roofing Inspector Course (2017)
Durability in Design – RCI (2016)
Waterproofing Restoration and Functional Field/Lab Mock-up Testing – RCI (2016) Designing a Sustainable Masonry Building Envelope – AEC (2015)
Air/Vapor Barrier Design and Installation Considerations – RCI (2015)
Fluid Applied Flashing – RCI (2014)
Vegetative Roofing – RCI (2014)
Cementitious Materials in Concrete: Performance and Sustainability – AEC 2013 Test Methods Related to Metal Roofing – RCI (2013)
Quality Assurance Roofing Performance Considerations – RCI (2013)
Principles of Commercial and Residential Roof Ventilation – Metal-Era (2013)
Application and Design for Helical Piers, Push Piers, and Foam Injection – JES (2012)
Evaluation of Earthquake Damage – LWG Consulting (2012)
Explosives and Blast Site Training – Prince William County Safety Academy (2012)

RELEVANT EXPERIENCE

Forensics: hurricanes, storm surge, earthquakes, tornados, fire damage, tree falls, vehicle impacts, hail damage, structural design failures, building envelope evaluations including roofs, faulty or improper construction, restoration of historical and landmark properties, maintenance issues, soil and foundation failures, moisture intrusion, mold and ventilation

Structural Engineering: retaining wall design, masonry design, wood design, steel design, reinforced concrete design

Property Condition Assessments: commercial, industrial and residential buildings and properties

Hurricanes Serviced: Dorian (2019), Michael (2018), Florence (2018), Irma (2017), Sandy (2012)