

Kevin Kornafel, P.E. | Civil/Structural Engineer

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Professional Summary:

Kevin is a licensed Civil Engineer who brings more than 17 years of experience in project management, design, construction, building inspections, and forensic engineering. Kevin has direct field experience in both commercial and residential construction, including work on military/government facilities, corporate/retail spaces, dining facilities, higher education, pharmaceutical and manufacturing facilities, multi-family complexes, residential properties, and many others. He has extensive experience in fire and water assessments, roof damage from hail and wind, natural disasters, building defects, moisture intrusion, and collapses. His expertise and broad industry knowledge provides him advanced insight into investigating property losses and evaluating building conditions. He also brings extensive experience in construction contract administration, creating and reviewing budgets, and is an expert in CPM project scheduling for large projects.

Areas of Expertise:

- Proficient in AutoCAD, Bluebeam, Xactimate, Primavera (P3, P6), and Microsoft Office suite products.
- Oral and written communication skills.
- Budgeting and scheduling.
- Customer service and client relations.

Licenses and Certifications:

Professional Engineer, Pennsylvania, License#: PE086869

Professional Engineer, Delaware, License#: 25860

Professional Engineer, Maryland, License#: 56616

Professional Engineer, Virginia, License#: 402062923

Professional Engineer, North Carolina, License#: 53255

Professional Engineer, New York, License#: 105585

Professional Engineer, Connecticut, License#: 35488

Professional Engineer Civil, Rhode Island, License#: 14130

Professional Engineer, Massachusetts, License#: 57501

Professional Engineer Civil, Vermont, License#: 135262

Professional Engineer, New Hampshire, License#: 17218

Professional Engineer, Maine, License#: 17597

Professional Engineer, Florida, License#: 92995

Professional Engineer, Texas, License#: 143470

Project Experience:

Forensic

Hurricane Ian - Captiva Island Assessments | Captiva, Florida

Performed engineering evaluations of wind vs. water for multiple large residential properties following Hurricane Ian for use in claims resolution.

Hurricane Ida Assessments | New York/Pennsylvania

Performed engineering evaluations for properties throughout New York and Pennsylvania for damage resulting from Hurricane Ida in September 2021. Projects included damage from flood forces, wind, tornadoes, moisture intrusion, tree impacts, and hail.

Unnamed Insurance Companies | New York, NY

Completed onsite assessments of fire and water damage to multifamily properties throughout the New York City area for use in estimating and resolving complex claims. Negotiated repair scopes and construction costs with contractors.

Project Management

Glenwood Apartments | Philadelphia, PA

Owner's representative and senior project manager for a ground-up 49-unit apartment building in Philadelphia, Pennsylvania. Headed design-build team of engineers, architects and subcontractors, managed relationships with City of Philadelphia departments and inspectors, administered and maintained contracts for all subcontractors and oversaw day to day operations.

Soma Towers – Phase 2 | Bellevue, WA

Project superintendent for a ground-up 125-unit apartment building in Bellevue, Washington. Managed all daily construction activities, administered and maintained contracts for subcontractors. Coordinated all building inspections and managed relations with City of Bellevue. Coordinated with in-house architects and designers and supervised team of in-house carpenters and laborers.

Supreme Court Building | Washington, D.C.

Built and maintained cost-loaded project schedule for phased renovation of the building's offices, common areas, and judges' chambers. Drove project schedule with subcontractors and provided weekly and monthly schedule reports for use in project invoicing.

Merck – Building 38 Emergency Generator | West Point, PA

Managed design and construction for a 750kVA generator to back-up pharmaceutical manufacturing lines and supporting MEP infrastructure. Built and managed project schedule and budget and administered and maintained contracts with subcontractors. Coordinated shutdowns and tie-ins for equipment and processes with owners' representatives and end users in the occupied facility.

Lockheed Martin – Battery Test Lab | Newtown, PA

Managed day-to-day construction of a testing facility for lithium-ion batteries, including six new test chambers and supporting infrastructure. Coordinated shutdowns with building staff, end users, and owner's representatives for utility connections in the occupied facility.

Princeton – Jadwin Hall | Princeton, NJ

Project superintendent for 3-year floor-by-floor renovation of the main physics building at Princeton University, including classrooms, labs, clean-rooms, and a new rooftop mechanical penthouse. Oversaw all aspects of work in the field to ensure schedule, budget, and project specifications were maintained. Manage relationships with owner's representatives, building staff, designers, and subcontractors.

Professional Experience:

EFI Global, Inc., Forensic Engineer 2023-Present

Halliwell, Senior Construction Expert 2023

Donan Engineering, Forensic Engineer 2020-2023

Equinox Management & Construction, Senior Project Manager 2019-2020

NGKF/Lendlease, Project Manager 2017-2019

Su Development, Project Superintendent 2015-2017

Irwin & Leighton, Project Superintendent 2006-2013

Education:

Bachelor of Engineering, Civil Engineering, University of Maryland, College Park, MD, 2005.