



Kienan Dalesandro

Project Manager

Department

Engineering Services

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Locations

Philadelphia, PA

Biography

Kienan Dalesandro is a Project Manager providing condition assessment and forensic evaluation of structures. He has a background in bridge design and construction and forensic engineering experience with parking structures and residential, commercial, industrial, and institutional buildings. Mr. Dalesandro's engineering design experience includes structural design and analysis for complex transportation structures, multi-story residential and commercial buildings, and alterations and remediation of existing structures utilizing wood, steel, concrete, precast/prestressed concrete, and masonry. Mr. Dalesandro's forensic engineering experience includes investigating damage to buildings, including vehicle impact, moisture infiltration and building envelope issues, fire damage, earthquakes, wind, and foundation movement. Mr. Dalesandro also has experience evaluating damage to non-building structures, including single-span transportation structures, concrete slabs, and general flatwork.

Credentials

- Professional Engineer
- Master of Science
- EIFS Certified Industry Professional

Professional Experience

- 2024 - Current | Project Manager | YA Engineering Services
- 2022 - 2024 | Professional Forensic Engineer | Barry Isett & Associates
- 2019 - 2022 | Structural Engineer in Training | Stantec
- 2022 - 2022 | Structural Field Engineer | StructureCare

Area of Practice

- Building Envelope
- Condition Assessment
- Damage Assessment
- Failure Analysis
- Repair and Rehabilitation Design
- Roofing
- Structural Analysis

Publications and Presentations

- March 2020 - Durability of Internally Cured Concrete with Reclaimed Sands - A Thesis in Civil Engineering

Education

- Pennsylvania State University - Master of Science - Civil Engineering - Harrisburg - Pennsylvania
- Pennsylvania State University - Bachelor of Science - Civil Engineering - Harrisburg - Pennsylvania

Licenses

- 095465 - Pennsylvania - Professional Engineer
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