



Scott Wilton, P.E.

Senior Engineer

EDUCATION:

Bachelor of Science, Civil Engineering and Forestry, Iowa State University
Masters, Business Administration, DePaul University

LICENSES/CERTIFICATIONS:

Licensed Professional Engineer—P.E.:
New Jersey

PROFILE:

Mr. Scott Wilton is a Senior Engineer for the firm, specializing in the evaluation and design of building and site improvements for residential and commercial properties, and owner representation with respect to implementing improvements. His responsibilities include investigation of design and construction defects in the areas of fenestration, building facades & components, land improvements, analysis of site plans, specifications and code compliance, preparing expert reports and documents to represent clients in litigation cases. Mr. Wilton is responsible for investigations of structural problems including retaining walls, foundations and structural building components. He is also responsible for functional analysis and remedial design of deficient site improvements.

Mr. Wilton has experience in the planning, design and approvals of residential construction, building remediation and cost analysis. He is also well-versed in project management of land improvements including storm water management, site grading and drainage, utility design and roadway layout. His experience includes developer representation for the construction of water and wastewater treatment plants, water tanks, pump stations and golf courses. He designs structural support systems and methods, including the application of helical piles and compaction grouting. Mr. Wilton is experienced in construction bidding, contract negotiation and field inspection. His experience includes alternative analysis, value analysis and cost control.

Mr. Wilton has extensive experience with invasive and non-invasive investigations of fenestration and building facades. His façade investigations include the evaluation of brick and masonry façades, stucco façades, window wall construction and curtain wall construction. He has performed these evaluations on single-family residences and low-rise to high-rise buildings. Mr. Wilton is responsible for performance evaluation of fenestration products, and performs ASTM and AAMA tests for air infiltration and water penetration on windows, doors, and spandrel panels. He also prepares performance specifications for replacement windows and doors on buildings where fenestration failures require remediation.

Each façade and fenestration replacement or repair project present unique situations in the design, installation and the investigation of defects, which require thoughtful solutions. Fenestration investigations, performance testing, design, specifications, bid packages and construction oversight include:

- Admiral Condominium Association, Perth-Amboy, NJ - Design, specifications, bid package, and construction oversight for the integrated façade and fenestration repair at the 7-story mid-rise residential building.
- Anchorage Condominium Association, Long Branch, NJ - Forensic testing, performance evaluation, design, specifications, bid package, and construction oversight for the integrated façade replacement and fenestration replacement for the entire 9-story mid-rise building.

- Bella Vista Apartments, Union City, NJ - Design, performance specifications, bid package and construction oversight for the integrated replacement of aluminum-framed windows and surrounding brick façade for the entire 23-story high-rise building.
- Breakwater Bay Condominium Association, New Haven, CT – Investigation, design, specifications and bid package to repair the installations of new fenestration at the four-story residential buildings.
- Brigantine Island Beach Resort C. A, Brigantine, NJ – Investigation, design, specifications, bid package, and construction oversight for the integrated façade & fenestration repair, and fenestration replacement at the 4-story residential buildings.
- Briarcliff Cooperative, Cliffside Park, NJ - Design, performance specifications & bid package for the fenestration replacement standard provided for the entire 26-story high-rise building.
- Carrollsburg Condominium Association, Washington, D.C. - Design, performance specifications & bid package for fenestration replacement at low-rise townhome buildings and mid-rise condominium building.
- Claridge House I Condominium Association, Verona, NJ - Forensic testing, performance evaluation, design, specifications, bid package, and construction oversight for fenestration replacement, including penthouse storefront windows and doors for the entire 12-story building.
- Commons at Fishkill Condominium Association, Fishkill, NY – Design, performance specifications and bid package for fiberglass window and sliding glass door replacement at clubhouse and natatorium building.
- Edgewater Pearl Condominium Association, Edgewater, NJ – Fenestration investigation and Expert Report to document design and construction defects in litigation case for failed fenestration systems at the newly constructed 6-story mid-rise residential building.
- Edgewater Beach Club, Sea Bright, NJ – Forensic investigation and Expert Report in litigation support for design & installation defect claims related to door installations.
- Fullerton Condominium Association, Montclair, NJ – Investigation, design, and construction oversight for limited brick façade remediation & fenestration replacement at the 8-story residential building.
- Horizon House Condominium Association, Fort Lee, NJ – Investigation and repair protocol for damaged aluminum-framed sliding glass doors and windows at 28-story high-rise building.
- Hudson Tea Condominium Association, Hoboken, NJ – Forensic testing, investigations and performance evaluation for litigation at newly installed aluminum windows with installation defects at 12-story residential building.
- Monmouth County Prosecutor's Office, Freehold, NJ – Forensic investigation, Expert Report for litigation, design specifications, bid package and construction oversight, including defect documentation for four-story office building.
- Plymouth Hill Condominium Association, Plymouth Meeting, PA – Investigation, design and performance specifications for standard fenestration replacements at eight-story residential buildings.
- 77 Hudson Condominium Association, Jersey City, NJ – Investigation and Expert Report documenting sealant defects on the curtainwall product for an all-glass façade at the 49-story high-rise residential tower.

Mr. Wilton has represented clients in litigation for claims against construction defects related to fenestration, structural building components, façade and site improvements. Representative litigation and structural improvement efforts include:

- Grande at Riverdale Condominium Association, Riverdale, NJ - \$12 Million construction defect claim with Expert Reports and cost analysis for façade defects, roofing defects, courtyard construction defects, fire safety defects and site improvement defects.
- Lakeside Villas at Watchung Condominium Association, Watchung, NJ – Construction defect claim against National Home Insurance Corp for structural damages to an 8-unit townhome structure, which was settling due to soil subsidence. The claim was resolved for the installation of 30 micro-piles and compaction grouting to support the building.
- Shelter Bay Condominium Association, Edgewater, NJ – Structural repair with helical piles to support a subsiding residential structure. Investigation, design and construction oversight to correct the structural deficiencies at 54 balcony structures for code compliance.
- Old Towne Condominium Association, Cheshire, CT – Design structural support at 5 townhouse residences with helical piles to resist soil subsidence.
- Deer Run Condominium Association, Lincoln Park, NJ – Evaluate wood truss failures at over 30 residences and design the repair protocol to fortify wood trusses.

Mr. Wilton has engaged the services of numerous geotechnical engineers to advance repair designs for foundation structures, bulkhead failures, pedestrian bridge footings, courtyard failures and retaining wall construction. His experience is broad-based in all elements of civil engineering to provide coordinated responses to the various building and site development improvements and remediation efforts where our clients seek our expertise.

Mr. Wilton has participated in the review and preparation of transition studies and negotiations between various stakeholders. Mr. Wilton also had extensive involvement in governmental bond release with respect to public improvements installed in residential communities. He accomplished coordinating the needs of owners, developers, property managers and local authorities to provide time efficient and cost effective remedies for engineering problems and deficiencies.

Mr. Wilton is experienced in management of private development and public infrastructure construction. He is experienced in professional testimony to provide expert opinion in support of land use applications in New Jersey. He is knowledgeable in respect to land use regulation in New Jersey and is very experienced in the progressive advancement of projects from conceptualization to construction in a regulatory environment.

Mr. Wilton has past experience in the design and construction of public infrastructure improvements, including highways, roads and underground utilities. His experience includes feasibility analysis, funding analysis and resident engineering.

EXPERIENCE HIGHLIGHTS:

Current:

Senior Engineer

Falcon Engineering, Architecture, Energy Consultants and Reserve Specialists

- Building façade investigations – low-rise to high-rise
- Design for replacement of fenestration products, components and cladding
- Design structural remediation projects for building structural failures
- Design site remediation projects
- Litigation investigations and report preparation for building and site defects

Past:

Land Development Manager

Design Engineer & Project Manager

- Evaluate, plan and manage land improvements for residential and commercial development
- Due diligence for land development feasibility
- Budgeting and cost evaluation for residential and commercial development projects

