



# The Falcon Group

ENGINEERING, ARCHITECTURE, ENERGY CONSULTANTS & RESERVE SPECIALISTS

## J. Stewart Willis, Construction Official, H.H.S., R.S. Regional Vice President

### Profile:

Mr. Stewart Willis is a Regional Vice President, Northeast Region, construction inspector, and reserve specialist with the firm. Included in his responsibilities are inspections and analyses of building components and structures, site improvements, performing building diagnostics procedures and the preparation of reports. His experience includes residential, commercial, industrial and institutional construction, in low-, mid- and high-rise structures. Mr. Willis has provided forensic code and technical analysis, investigations, reports, and expert testimony for a wide range of cases, including existing building and site work defects, building safety, and corrective construction methods and costs.

Mr. Willis has had a successful career in the construction industry since 1980. Specifically, he has extensive experience in building construction code analysis, water infiltration, building envelope investigations, building ventilation issues, mold sampling and investigations, low slope and steep slope roofing construction, siding replacement projects, fire separation requirements, sound attenuation and insulation requirements, plumbing and mechanical issues. Mr. Willis is an expert in building siding systems investigation and analysis, including deep probe moisture testing of Exterior Insulation and Finish systems (EIFS) and traditional hard-coat stucco systems, as well as invasive investigation of residential cladding systems.

Mr. Willis brings additional site design, construction and lay-out skills and experience gained from an earlier career as a land surveyor's crew chief, including knowledge in the operation of surveying instruments and professional field data recording.

Mr. Willis has investigated and prepared documentation in support of claims and litigation related to construction defects and deficiencies, including providing professional testimony.

Additional responsibilities include construction management and control services for corrective construction and historic renovation projects, including needs assessment, design development, local law and code compliance and filings, bidding and construction inspection. Mr. Willis has extensive experience in the preparation of capital replacement reserve studies, in accordance with the national standards set by the Community Associations Institute (CAI). He has conducted professional transition engineering, capital and maintenance reserve, and deficiency report analyses for community associations since 1989.



### Education:

NJ Uniform Construction Code  
Technical and Administrative  
Course Work, Department of  
Community Affairs/Rutgers  
University

Bachelor of Arts, Economics,  
Option- Finance, Rutgers  
College, Rutgers University

### Licenses/Certificates:

Licensed Construction Official,  
State of New Jersey

Licensed Subcode Official-  
Building, State of New Jersey

Licensed Building Inspector-  
HHS, ICS, RCS, State of New  
Jersey

Licensed Mechanical Inspector,  
New Jersey

Certified Exterior Insulation  
Finish Systems (EIFS) Special  
Inspector, New Jersey

Certified Building Inspector-  
Commercial, International Code  
Council

Residential, International Code  
Council



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### Presented Seminars and Publications:

- “Showcase Your Community In Style – Decks, Balconies, Trims and More”, Participating Speaker for Educational Seminar on Condition Assessments for Decks & Balconies; Community Associations Institute – NJ Chapter Annual Expo
- “Investing in Reserves”, Participating Speaker for Educational Seminar on Capital Reserves; Washington Metro Chapter, CAI (WMCCAI) Annual Expo
- “Capital Reserves – Full Funding vs. Fully-Funded”, Speaker for Educational Seminar; WMCCAI Annual Expo
- “Planning for Telecommunications” Published in Community Assets, the quarterly newsletter of the Community Associations Institute (CAI) Pennsylvania/Delaware Valley Chapter
- “Breaches in Roofs and Firewalls-Planning for Telecommunications” Author for a February, 2007 Publication of The Falcon Group’s newsletter, “Engineering Matters”, a professional and informative Newsletter produced and distributed by The Falcon Group.

### Testimony Experience:

- **Zephyr Lofts Condominium, Jersey City, NJ:**  
Arbitration Testimony, Qualified Expert Testimony for Building Envelope Issues including Roof, Stucco, Balconies and Curtain Walls
- **Barrister Mews at Cambridge Crossings, Clifton, NJ:**  
Mediation Testimony, Expert Testimony Regarding EIFS, Stone Veneer, Wood Decks, Roofs and Balconies
- **Green Brook Condominium Association, Bloomfield, NJ:**  
Arbitration Testimony, Testimony on Various Construction Defects, Including Wood Deck Construction Expert Witness for the Plaintiff
- **Tanglewood Homeowners Association, Yardley, Pennsylvania, PA:**  
Subpoena Testimony, Testimony on Building Code, Cedar Siding Systems, Steep Roofing Systems, Ice Damming, Fire Retardant Treated Plywood (FRTP) Roof Sheathing, and Building Ventilation Fact Witness and Expert Testimony.
- **Prudential, Allstate and Royal & Sun Insurance Companies, Philadelphia, PA:**  
Trial Appearances, Expert Witness on Building Code, Cedar Siding Systems, Steep Roofing Systems, Ice Damming, Fire Retardant Treated Plywood (FRTP) Roof Sheathing, and Building Ventilation, Expert Witness for the Defense.

#### Licenses/Certificates:

Certified Mechanical  
Inspector- Commercial,  
International Code Council

Certified Suspended  
Scaffold User (16 Hour)

Certified Reserve  
Specialist, Community  
Associations Institute

#### Memberships:

International Code Council  
(ICC)

Community Associations  
Institute (CAI)