



Orlando E. Ballate, P.E.

Forensic/Claims/Litigation, Executive Vice President

EDUCATION:

Master of Science, Structural Engineering,
Illinois Institute of Technology, Chicago,
Illinois (1984)

Bachelor of Civil Engineering Illinois
Institute of Technology, Chicago, Illinois
(1982)

LICENSES/CERTIFICATIONS:

Licensed Professional Engineer– P.E.:
New Jersey
Pennsylvania
Florida

ORGANIZATIONS:

American Society of Civil Engineers
(ASCE)

PROFILE:

Mr. Orlando Ballate is the Executive Vice President for the firm's forensic engineering and litigation support division. Included in his responsibilities are analysis, design, inspections and development of repair solutions for site and building components; and preparation of expert reports. His experience is in both residential and commercial construction including low-rise, mid-rise and high-rise buildings, building envelope and structural investigation. His construction and infrastructure experience includes design, inspections and construction management. Mr. Ballate's experience is in both the private and public sectors as Engineer-of-Record for over 300 projects, consultant and owner's representative.

Mr. Ballate has extensive experience in all aspects of forensic building envelope and structural investigations; new design and remediation planning, design, development, construction and litigation support services. He also has provided value engineering, cost estimating and expert services of numerous projects. He has national and international design and construction experience in the multi-family residential, hospitality, commercial, healthcare, pharmaceutical, industrial, renewable energy and parking projects. As a president of an engineering firm, he has had overall responsibility for forensic investigations, design, engineering and bid documents. Mr. Ballate has been involved with construction projects from concept development through construction. Mr. Ballate is very knowledgeable in code compliance and the development of innovative, cost effective remediation and rehabilitation projects and green building solutions. As a manager, developer, engineer and design-builder, Mr. Ballate has been responsible for development and delivery of a variety of construction projects.

Mr. Ballate's experience also includes engineering consulting and expert testimony in support of various construction litigation matters. He has developed a very well respected reputation as an expert witness. Mr. Ballate has particular knowledge of litigation involving construction defect claims relating to concrete/steel construction, structural failures, stucco, roofs, sulfate attacks, grading and drainage, window defects, and foundations. As an expert witness, he has been involved in many successful construction defect litigations. Mr. Ballate has provided expert witness services for many residential community associations in their construction defect litigation against the developer, contractors, subcontractors and suppliers/manufacturer of product.

Mr. Ballate has extensive experience with historic building restoration such as; West Point Military Academy, West Point, New York, City and Terra Cotta Buildings, Broad Street, Bank Building, Trenton, New Jersey. He is also experienced in historic preservation tax credits in New Jersey.

As owner representative, he has bid and negotiated construction, rehabilitation and development projects/agreements. His construction, rehabilitation and

development experience involve more than \$2 billion in infrastructure, commercial, hospitality and residential projects. Mr. Ballate has been involved in the planning and design of LEED (Leadership in Energy and Environmental design) certified projects with sustainable building construction practices including site design, green roofs and renewable energy resources.

Mr. Ballate has been involved in international projects as owner's representative, consultant and/or engineer. The international projects are as follows: Mexico for NJ based pharmaceutical; Caribbean for private NYC developer; Central and South America for multi-national contractor, engineering firm and private investors; UAE/Iraq for contractor and private developer and Afghanistan for U.S. Army Corp. of Engineers. Mr. Ballate has over 36 years of design, engineering inspection and construction experience involving over 1,200 projects and assignments.

Mr. Ballate has prepared engineering reports and provided litigation support and/or expert witness services on many design-construction litigation (mediation, arbitration or litigation) projects. The following is a partial listing of these projects.

Litigation Support Experience:

The Atrium Palace High-Rise Apartment Building and Plaza, Fort Lee, NJ

Mr. Ballate conducted a forensic investigation, prepared an expert report and provided expert witness services related to construction defects of this luxury high-rise residential community on behalf of the Atrium Palace Condominium Association. The design-construction defects involved were related to architectural, structural, waterproofing, construction and concrete quality problems. Mr. Ballate was also involved in the engineering, construction documents and administration of the repair program.

Abbott Square Mix-Use Residential Development, Philadelphia, PA

Mr. Ballate conducted a forensic investigation, prepared a condition report and provided litigation support services related to construction defects of this mix-use, mid-rise residential community on behalf of the condominium association. The design-construction defects involved architectural, structural, waterproofing, construction and concrete quality problems. Mr. Ballate was also involved in the engineering, construction documents and administration of the repair program.

The Horizon House Parking Garage No. 1 and 2, Fort Lee, NJ Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to restoration/construction defects on behalf of the Horizon House association. The design-construction defects of the renovation of the Horizon House parking garage was related to waterproofing and concrete problems. Mr. Ballate was also involved in the engineering, construction documents and administration of the repair program.

Muss Apartment Building Parking Garage, Queens, New York

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided expert witness services related to causes of structural deterioration and unsafe conditions in the garage on behalf of the Muss development. He engineered and supervised the structural rehabilitation of the facility to assure safety and structural stability.

The Rappaport Parking Garages, Philadelphia, PA

Mr. Ballate conducted a forensic investigation, prepared an expert report and provided expert witness services related to the structural deterioration of three (3) existing parking garages in Philadelphia on behalf of the Central Parking Systems (CPS).

City of Naperville Municipal Garage Exterior Plaza/Parking Structure, Naperville, IL

Mr. Ballate conducted a forensic investigation, prepared an expert report and provided litigation support services related to construction and waterproofing defects of a large exterior plaza and parking structure on behalf of TREMCO.

Penn Plaza Parking Garage, New York, NY

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided expert witness services related to the causes of structural deterioration and unsafe conditions in the garage on behalf of the Central Parking Systems (CPS). Mr. Ballate was also involved in the engineering, construction documents and administration of the repair program.

Air Rights Parking Structure, New Haven, CT

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to the construction and design defects. Mr. Ballate provided services for the New Haven Parking Authority. He was also involved in the engineering, construction documents and administration of the repair program.

Windsor Suites Hotel/Apartment Garage, Philadelphia, PA

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to construction and design defects.

Reading School District Citadel High School, Reading, PA

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to construction and design defects.

Sanzari Medical Building Parking Garage, Hackensack, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to construction and design defects.

Bristol House Condominium Building, Hackensack, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

The Blair House Condominium Building, Hackensack, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

River Ridge Condominium Building, Fort Lee, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services.

Kossman Parking Garage, Pittsburgh, PA

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

Gold and Pearl Street Parking Garages, New York, NY

Mr. Ballate conducted a forensic investigation, prepared technical reports and provided litigation support services related to repair and reconstruction of underground garages.

NYC Queens Police Facility Parking Deck, Queens, NY

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to failure of waterproofing membrane over roof parking deck.

Chinatown Parking Garage, Philadelphia, PA

Mr. Ballate conducted a forensic investigation, prepared technical reports and provided litigation support services related to repair and reconstruction of underground garages.

City Homes at Creekside Luxury Townhome Development, Secaucus, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to the construction and design defects.

Madison Crossing at Birch Hill Residential Development, Old Bridge, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to construction and design defects.

Four Seasons at Cedar Grove, Cedar Grove, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to construction and design defects.

Madhy vs H. Hanson, South Brunswick, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported accident.

Alpine Country Club, Alpine, NJ

Mr. Ballate conducted a forensic investigation, analyzed plaintiff's expert reports and provided litigation support services related to reported construction and design defects.

Fronio vs Miller, Annandale, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction defects and code violations.

The Aristocrat, Weehawkin, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

Metro Stop Condominium Association, Hoboken, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

77 Hudson Street Condominium Association, Jersey City, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

Crystal Point Condominium Association, Jersey City, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

Risoldi Family Limited Partnership v. SDA/Jottan, Trenton, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

Dal-Far Realty v. Peerless Indemnity Insurance Company, Wayne, NJ

Mr. Ballate conducted a forensic investigation, prepared expert reports and provided litigation support services related to reported construction and design defects.

Professional Employment History:

- 2014 – 2018 The Falcon Group, Bridgewater, NJ
Forensic/Claims/Litigation, Executive Vice President
- 2012 – 2014 PISO Express Ltda, Quito, Ecuador/CHT Group
Partner/Consultant – Real Estate Development & Construction Consulting
- 1996 – 2012 O&S Associates, Inc. – Consulting Engineers, Hackensack, NJ
Co-Founder & President – Forensic Engineering/Parking Consulting/Design-Build CM
- 1990 – 1996 DESMAN Associates, Inc. (Design Management), New York, NY
Department Manager: Forensics/Restoration Group
- 1986 – 1990 Construction Research & Development (CONRAD), Chicago, IL
Senior Project Engineer: Forensics/Restoration Group
- 1982 – 1986 HARZA Engineering, Chicago, IL
Engineer-Planning-Cost Estimating: Hydroelectric/Infrastructure Group

