

JOHN C. PISTORINO, P.E. - Principal in Charge



EXPERIENCE

Has over 40 Years of diversified work in Code Compliance, Residential Design & Construction, High Rise Condominiums, Highways, Bridges, Building Renovations, Construction Administration, etc.

STRUCTURES

Structural design of high Rise and low rise buildings including all components; girders, frames, trusses, arches, foundations and metal structures. Advanced design techniques for reinforced concrete members and structures, such as pre-stressed concrete beams and slabs, flat plates, hollow slabs, folded plates, systems and shells, building frame analysis for wind and storm surge. Certified masonry inspector - PCA/ACI.

PRACTICE AREAS

- Forensic Engineering
- Code Compliance
- Assessment
- Historic Preservation
- Hurricane Protection
- Peer Review
- Cost Estimating,
- Scheduling and Contract Administration
- Solid Waste Disposal Systems And Management
- Highways & Traffic Engineering
- Investigations And Reports
- Marine
- Civil - Municipal
- Roofing and Waterproofing
- Repair and Rehabilitation

Special Investigation for single family homes for hard-board siding regarding damage to 60,000 homes across SE United States. Conducted on site inspections, prepared damage causation for class action litigation.

BUILDING CODES

Special Consulting Engineer for the South Florida Building Code since 1974. Have served as Consultant to the Dade County Board of Rules and Appeals and the Metropolitan Dade County Building and Zoning Department. Have assisted the Board in developing many provisions of the Code such as wind loading structural design requirements; new provisions for structural glazing, roof coatings, false work; shoring, wood truss design, coastal protection, fire protection, roof drainage, safeguards, plastics, slip resistant flooring surfaces, and handicap accessibility criteria.

Investigation of new geotechnical techniques for foundation preparation; researching a multitude of new building products presented to Dade County Product Control for certification; fire protection;

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noise abatement, pile driving and many other items of concern to the Building and Zoning Department. Provide testimony to the Dade County Unsafe Structures Board. Special consultant to the Handicapped Accessibility Committee, Roofing Committee, & the Structural Committee.

HURRICANE PROTECTION

Advisory consultant to the Dade County Emergency Management Department pertaining to the ability of hurricane shelters to withstand wind loads.

Have assisted with the production of a variety of public broadcasting programs pertain to structures and their performance in hurricane winds.

Have investigated the damage in hurricanes GILBERT, HUGO, BOB, and ANDREW providing assessments and recommendations to public officials. Have served as a special consultant to FEMA in building code standards for hurricane resistance.