



CURRICULUM VITAE

RENE PORTIELES, II, P.E., G.C.

Chief Executive Officer

EDUCATION

Master of Science in Civil Engineering,
Structural
Minor in Construction Management
University of Florida, 2001

Bachelor of Science in Civil Engineering,
Minor in Environmental Engineering
Florida International University, 1999

REGISTRATION

Professional Engineer, 2006
Florida #64035

Certified General Contractor, 2009
Florida #CGC1518170

PROFESSIONAL EXPERIENCE

Chief Executive Officer
Epic Forensics & Engineering, Inc.,
West Palm Beach, FL
2013 - present

Qualifier / Quality Control Director
Mausoleum Design and Construction,
Plantation, FL
2009 – present

Structural / Civil Engineer
Kimley-Horn and Associates, Inc.,
West Palm Beach, FL
2001 – 2013

Glass and Glazing Installer
ACI, FL
Various Summers between 1998 – 2001

Road and Bridge Inspector
Florida Department of Transportation
District 4
1995 – 1997

Plumbing Installers Apprentice
New Construction Division
Plumbing Mart of South Florida
Boca Raton, FL
Summers between 1993 –1995

AFFILIATIONS

Florida Engineering Society
American Council of Engineering
Companies

PROFESSIONAL SUMMARY

Mr. Portieles has 19 years of experience in the field of structural and forensics engineering. His experience involves structural design, construction/product defect and assessments for condominiums, communities, warehouses, industrial and commercial buildings, office buildings, historic buildings, parking garages, restaurants, residential buildings, marinas, docks, and underwater structures.

His experience includes the structural evaluation and design of high-rise buildings condominium and hotel renovations, rehabilitation of parking garages, post-tensioning, concrete, steel, timber, foundations, historic buildings, glass and glazing systems, FDOT and Turnpike bridge design, pedestrian bridges, sound/noise walls, mast arms, bridge aesthetics, bulkheads and marinas, sugar mills and refineries, warehouses, docks, timber and concrete structures, sheet piles, retaining walls and box culverts.

Engineering: Design of concrete, steel and timber structures; condominiums, hotel renovations, explosion/blast proof buildings, high-rise and historic buildings; sugar mills, refineries and warehouses; waterproofing systems; glass and glazing system; pools and fountains; sound/noise walls; fitness centers; underwater structures, marinas and docks; FDOT, Turnpike and pedestrian bridge designs; bridge aesthetics designs; mast arms and strain poles; sheet pile, bulkhead and retaining wall design; asphalt pavements and storm water designs.

Forensics: Research, code compliance, testing and inspections; litigation support, cost analysis and allocations; repair recommendations, construction defects, building assessments, structural failures, building envelope assessments (including failure analysis of interior and exterior plaster applications, moisture causation, window and door construction and installation, roofing systems, cladding, waterproofing and sealants); product defects, foundation settlements, wind damage, site flooding, premise liability, marinas and waterfront facilities (including underwater investigations), erosion damage, vehicular accident investigation, slip and fall.

Property Condition Assessments: High-rise condominiums, residential communities, marinas, boat yards, bulkheads, hotels, office buildings, commercial and industrial buildings, warehouses and restaurants, garages; roads and bridges, recertification of buildings 40 years and older, wind mitigations and property due diligence.

PROFESSIONAL DEVELOPMENT

Infrared Thermography Survey of Roofs, United Infrared, 2016
Structural Condition Assessments of Existing Structures, ASCE, 2009
Design and Renovations of Wood Structures, ASCE, 2006
Structural Design of Traffic Signals, KHA, 2006
Design and Development of Steel Sheet Piling Structures, ASCE, 2005
Roadway Plans Preparation Manual – Criteria and Standards, FDOT, 2002
Roadway Clearzone, Roadside Hazards and Barrier Warrant Design, KHA, 2001
Flexible Pavement Design, KHA, 2001

Gold Coast Construction General Contractors School, 2009
Maintenance of Traffic “MOT”, FDOT, 1996
Plan Reading and Estimating, FDOT, 1996
Nuclear Density Gauge Certification, FDOT, 1996
Portland Cement Concrete Testing, Placement and Control Cert., FDOT, 1995

American Society of Civil Engineers, ASCE – President 1997-1998
Chi Epsilon – Vice President 1998-1999