

Title	Principal
Expertise	Marinas & Marine Structures Structural and Facilities Design Structural Rehabilitation / Renovation / Preservation Project Management / Construction Management
Experience	<p>Mr. Pruitt brings more than twenty-eight years of diverse and successful project design and project management skills to the firm. Mr. Pruitt has been involved in providing structural and marine engineering design services to the Florida market since 1990.</p> <p>Mr. Pruitt is an accomplished structural engineering designer with a continuous, comprehensive history serving several distinguished engineering and architectural firms in project structural design, design team management and project/construction management. Experience includes architectural facilities and marine/coastal projects, waterfront structures for port, marine and recreational marina facilities, as well as commercial offices, retail buildings, condominium structures, parking structures, airport transit and hangar facilities, rail transit facilities, industrial, manufacturing, institutional, primary and secondary educational, food storage, restoration and preservation projects. Further experience is held in the emergency management/public safety/fire-rescue and hazard training sectors, as well as the high-end luxury residential market and multifamily developments.</p> <p>Representative projects include public and private schools, commercial facilities of every type, single and multi-family residential, light and heavy industrial, seaport facilities, private, commercial and public docks and coastal dune access, retaining wall structures, seaport cruise terminals, office facilities, parking structures, municipal, governmental and institutional facilities of all types, waterfront modifications, recreational and industrial marinas, bulkheads, piers and wharfs, container yards, and ship fendering systems.</p> <p>Mr. Pruitt's design capabilities include advanced finite element modeling, structural dynamics, complex three-dimensional frame analysis for concrete, masonry, timber and steel design, high mast lighting, corrosion studies and analysis, forensic engineering & failure analysis, concrete and post-tensioned concrete rehabilitation, pre-hurricane risk evaluations and post-hurricane disaster mobilizations. Mr. Pruitt is an accomplished production designer, as well, utilizing the latest in CAD technologies.</p> <p>In further service to clients, Mr. Pruitt specializes in developing and maintaining in-house quality assurance and production standards programs, and mentors the firm's younger engineers and architects as an integral component in the delivery of every project opportunity.</p>

Representative Seaport, Marine & Coastal Projects

- ◆ **Underwater Diving Condition Surveys, All Piers; Port of Palm Beach, Riviera Beach, FL.** Responsible for planning. Training and field operations of underwater survey team for entire sub aqueous port structures, as part of the Port Authority's maintenance / management program for underwater structures.
 - ◆ **Port Manatee Cold Storage Facility, Port Manatee, FL.** 60,000 s.f. cold-storage warehouse facility featuring -10 degree F freezers, high-rack storage and "Thermomass" insulated tilt-up wall systems.
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Christopher E. Pruitt

Principal

- ◆ **Diving Conditions Surveys, All Piers; Port Canaveral, FL.** Project Manager / Dive Team Member responsible for planning and execution of underwater conditions surveys of entire existing pier and bulkhead structures as part of the Port's Authority maintenance / management program for underwater structures. (for Gee & Jenson Engineers, West Palm Beach)
- ◆ **HVIDE Finger Piers Surveys & Analysis, Port Everglades, FL.** Project Manager / Dive Team Leader Beach for underwater and above water structural surveys and analysis for HVIDE Maritime expansion program. Study included programming analysis and planning exercises related to expansion of HVIDE operations and facilities management, tug berthing studies, and development of enhanced marine operations support structures.(for Gee & Jenson Engineers, West Palm Beach).
- ◆ **Diving Conditions Surveys, Terminal Island, Government Cut, Miami, FL.** Project manager / Dive Team Member responsible for planning and execution of underwater conditions surveys of entire pier and bulkhead structures as part of the Terminal Island bulkhead repair program. Diving was performed in high-tidal current conditions. (for Gee & Jenson Engineers, West Palm Beach)
- ◆ **Diving Conditions Surveys, Fisher Island, Government Cut, Miami, FL.** Project manager / Dive Team Member responsible for all planning and execution of underwater conditions surveys of entire existing pier and bulkhead structures and ferry berthing facilities as part of the Fisher Island bulkhead repair program. Diving was performed in high-tidal current conditions. (for Gee & Jenson Engineers, West Palm Beach)
- ◆ **Port Everglades Annual Conditions Surveys, Port Everglades, FL** Project Manager responsible for all phases of planning, organizing and implementing a full-discipline engineering and architectural field team to annually survey and report on port-wide facilities and marine structure conditions, in support of the overall capitol maintenance and expansion programs for Port Everglades. All elements of all Port properties and operations were evaluated, ranked by urgency and impact to operations and reported to the Port Authority.(for Gee & Jenson Engineers, West Palm Beach)
- ◆ **Domestic Ship Water Station, Port Everglades, FL.** Assumed construction oversight responsibilities for installation of nearly 200 metered domestic water service vaults and backflow prevention devices) along all existing port bulkheads.
- ◆ **Bayport Cruise Terminal, Port of Houston Authority, Houston, TX.** Senior Structural Design Engineer responsible for design of all major structural components of a 40,000 s.f., 1,800 passenger, \$6M mega ship cruise terminal facility. Design included driven and auger cast piling foundations, concrete grade beams, steel columns, composite floor system, roof framing and deck diaphragm, and masonry walls. Also responsible for determining cost estimates for all structural component of the terminal building.
- ◆ **Sea dragon Towed AMCM Sled Ramp / Pier, Mine Warfare Center, US Navy Southern Division, Padre Island, Gulf of Mexico.** Chief Design Engineer for all landside support facilities. Assisted in structural design of deep water launching ramp / pier facility to support Sea Dragon towed AMCM sleds used in mine countermeasure operations and training exercises for military operations in the Gulf of Mexico.
- ◆ **Maritime Museum Preview Center, Curry Park, City of West Palm Beach, FL.** Responsible for the design and construction administration of a museum preview center – point of embarkation – designed in a FL “Cracker” vernacular.
- ◆ **Port of New Orleans, Julia Street Terminal Improvements, New Orleans, LA.** Conversion of existing. Aged terminal facilities to receive a new, large cruise ship

Christopher E. Pruitt

Principal

assignment, including passenger handling areas, ship access jetway and wharf structural enhancements.

- ◆ **Port of Galveston, Cruise terminal 29 Improvements, Galveston, FL.** Conversion of existing. Aged terminal facilities to receive a new, large cruise ship assignment, including passenger handling areas, ship access jetway and wharf structural enhancements.
- ◆ **Port of Tampa, Garrison Seaport Terminal Expansion, Tampa, FL.** Conversion of existing aged terminal facilities to receive a new, large cruise ship assignment, including passenger handling areas, ship access jetway and wharf structural enhancements. Design included sensitivity to popular tourist area adjacent to FL Aquarium and waterfront entertainment district. Large second-floor long-span passenger terminal over multilane bus transit ground operation zones.
- ◆ **Port Manatee terminal & Warehouse, Port Manatee, FL.** Large mixed-use Port Authority offices and transit warehouse facility to meet the needs of a growing Gulf Coast Port.
- ◆ **Fisher Island Seawall Inspections & Conditions Report, Miami, FL.** Diver / Surveyor underwater inspections.
- ◆ **Terminal Island Seawall Inspections & Conditions Report, Miami, FL.** Diver / Surveyor underwater inspections.
- ◆ **HVIDE Shipping, Port Everglades, FL.** Inspection diving and conditions report, ship-basin and seawall conditions survey.
- ◆ **G80 water Control Structure Underwater Inspections, Lake Istapoka, FL.**
- ◆ **Pier 9 Sub-Aqueous Inspections & Crane Analysis, Port Canaveral, FL.**

Representative Private, Recreational & Government Marina Projects

- ◆ **One Watermark Marina, West Palm Beach, FL.** Senior Design Engineer responsible for the structural design of a reinforced concrete marina pier to be used to berth private mega yachts up to 120 feet in length. The design included prestressed concrete piling, cast-in-place pile caps, precast concrete pier slabs, fendering system, and wave attenuator. This is a high-profile project located in the historic downtown area of West Palm Beach along the Intracoastal Waterway.
- ◆ **Lost Key Marina, Pensacola, FL.** Design engineer for new, high-end 44-slip marina amenity component of the WCI Communities Lost Key Club development, designed to elevated storm and wave-force criteria, featuring slip mixes accommodating 30', 35' 40', 50' and 60' yachts. Fixed wave attenuation was also included to provide a still basin against the fetch of the Big Lagoon.
- ◆ **Lake Alan Henry Recreational Area, Lubbock, TX.** Senior Project Manager responsible for the marina programming and preliminary design for a marina expansion including dock, boat ramps, upland marina amenities, and parking and swimming areas. The project involved review of marina site analysis, boat ramp traffic study, marina market analysis, and preliminary marina design including desirable marina features and amenities.
- ◆ **Rod & Reel Marina, Pensacola, FL.** Field Team Leader responsible for the inspection and condition assessment of and existing 112 slip marina basin with upland boatyard and service facility. The inspection included the above and below water structure assessment and analysis of bulkhead walls, timber main and finger piers, concrete travel lifts, fenders, piling utilities, and lighting. Study also assessed ADA, public safety and remedial repairs with probable cost.

Christopher E. Pruitt

Principal

- ♦ **Southwind Marina, Pensacola, FL.** Field Team Leader responsible for the inspection and condition assessment of 75 wet storage slips and upland boatyard and service facility. The inspection included above and below water structural assessment and analysis of bulkhead walls, timber main and finger piers, concrete travel lifts, fenders, piling, utilities, and lighting. Study also assessed ADA, public safety and remedial repairs with probable cost.
- ♦ **Phil Foster Park, Riviera Beach, FL.** Structural Design Engineer for redevelopment of aging Palm Beach County waterfront park, including all new building facilities to serve park activities and marine environment public access.

Representative Military Projects

- ♦ **NISE EAST Engineering Center, Naval Weapons Station, Charleston, SC.** Structural Engineer / Task manager for a \$26M, 100,000 s.f. three-story Naval Engineering Command Facility built in a high-seismic zone. Design featured deep stone-column ground stabilization and seismic-mitigation measures.
- ♦ **US Army S.M.L.B. (Strategic Mobility Logistics Base), Charleston, SC.** Design engineer for a \$30M on all new landside building facilities in support of the Battalion Logistics Command including maintenance facilities for heavy tracked and armored vehicles, wash facilities, rail transfer facilities and HAZMAT.
- ♦ **Charleston Passport Facility, US Secretary of State, Charleston, SC.** Structural Engineer Manager for a \$10M modernization and conversion of aged military base building to service modern U.S. Department of State operations.
- ♦ **US Naval Mine Warfare Center, Charleston, SC.**
- ♦ **US Naval Experimental Diving Unit – CSS – Research & Training Center, Panama City, FL.**
- ♦ **Enlisted Men Barracks Towers, New London Submarine Base, New London, CT.**
- ♦ **EMR Electro-Magnetic Resonance-Degaussing Facility, Engleside, TX.**
- ♦ **Unmanned Target-Drone Sled Ramp Facility, Engleside, TX.**
- ♦ **South FL Testing Range Facility, Ft. Lauderdale, FL.**
- ♦ **Post Hurricane Opal Damage Assessment Mobilization, CSS, Panama City, FL.**
- ♦ **Army Air National Guard Flight Support Facility, FL National Guard, Brooksville, FL.**

Representative School Facility Projects

- **The Benjamin School, North Palm Beach, FL.** Lead structural design engineer responsible for design of all major structural components of a private school campus with building additions, renovations and new structures. (for Song & Associates)
- **Odyssey Middle School, (Boynton-Delray Area) Delray Beach, FL.** Lead structural design engineer responsible for design of all major structural components of a new public middle school campus. (for Song & Associates)
- **Jupiter Elementary School, (Beacon Cove at Abacoa) Jupiter, FL.** Lead structural design engineer responsible for design of all major structural components of a new public elementary school campus. (for Song & Associates)

Christopher E. Pruitt

Principal

- **Lake Park Elementary School, Town of Lake Park, FL.** Lead structural design engineer responsible for design of all major structural components of a new public elementary school campus. Contract also included a full structural restoration of a historically-significant landmark school building. (for Song & Associates)
- **Boca Raton Elementary School, Boca Raton, FL.** Lead structural design engineer responsible for design of all major structural components of a new public elementary school campus. (for Song & Associates)
- **Bethune Elementary School, Fort Lauderdale, FL.** Lead structural design engineer responsible for design of all major structural components of a new public elementary school campus. (for Song & Associates)
- **South Plantation High School, Plantation, FL.** Lead structural design engineer responsible for design of all major structural components of a new science wing addition and renovations/upgrades to existing facilities on a public high school campus. (for Song & Associates)
- **Wellington Elementary School, Wellington, FL.** For School Board of Palm Beach County. Lead structural designer. (for Song & Associates)
- **Glades Central High School, Belle Glade, FL.** Lead structural design engineer responsible for design of all major structural components of a new public high school campus. (for MPA Architects)
- **IVY Tech Vocational College, Indianapolis, IN.** Structural design engineer for a new, high-technology classroom and laboratory facility located on the City's architecturally vibrant north side meridian corridor. Design featured deep cased caisson foundations through river basin organics, complex exterior cladding materials including brick, steel, limestone and granite. (for Everitt I Brown Co.)
- **Merrillville Community High School and Stadium, Merrillville, IN.** Major additions to existing high school campus, including modernizations and new facilities. A concrete football stadium with integral press boxes, elevator and below seating service and training facilities was featured.

Representative Structural Conditions Surveys & Feasibility Studies

- **1515 Tower, South Flagler Drive, West Palm Beach, FL.** Engineering team leader for a condominium tower rehabilitation project, following major storm damages from 2004, 2005 hurricane seasons. The feasibility study addressed all technicalities related to a complete potential rehabilitations and renovation of the 29-story landmark tower.
- **Village Walk of Wellington – Turn-Over Survey, Wellington, FL.** Principal in charge of a comprehensive, multi-discipline survey for the Home Owner's Association, involving all common areas and amenities, lakes, bridges, roadways, pools and primary common buildings.
- **Bay Reach Condominium, Lake Park, FL.** Principal in charge of a buildings and seawall conditions survey, including scuba investigation of sub-aqueous seawall conditions.
- **The Manor House Condominium, Delray Beach, FL.** Principal in charge of a full-service building conditions survey for an aging 25-unit oceanfront condominium facility. Work included stucco surface surveys, concrete damage surveys, waterproofing and water-tightness surveys and roofing surveys, in preparation for a major building restoration program.

Christopher E. Pruitt

Principal

- **Admiral's Cove – Turn-Over Survey, Jupiter, FL.** Team leader in charge of a comprehensive, multi-discipline survey for the Home Owner's Association, involving all common areas and amenities, lakes, bridges, roadways, pools and primary common buildings.
- **Old 1916 Palm Beach County Courthouse, West Palm Beach, FL.** Provided several phases of conditions surveys and evaluative studies in support of the mission to "Save The Old Courthouse" in downtown West Palm Beach. The original 1916 Palm Beach County Courthouse and 1925 additions were being considered for renovation and adaptive reuse by the City and County. Worked on the team of professionals that provided in-depth discovery and documentation which ultimately lead to the project being undertaken.
- **Port Everglades Annual Port-wide Facilities Conditions Report, Ft. Lauderdale, FL.** Team leader for several annual port-wide building facilities conditions surveys supporting the annual capital allocations management for the Port facilities and Maintenance programs. Upwards of 50 facilities of every type were evaluated in detail each year.

Representative Commercial Facility Projects

- ◆ **Vive Verde Living Office, for Romano Eriksen & Cronin, Lake Worth, FL.** Project Manager & Principal-In-Charge of Civil, Structural and local architectural design for a 26,000 s.f. precedent-setting private law office and green building, featuring patented water-reclamation technologies and U.S. green Building Council LEED concepts for sustainable design. Project features a four-story post-tensioned structure, three-story interior biolarium atrium space, storm water collection and reclamation facilities and covered onsite parking.
- ◆ **The Imperial Hotel, West Palm Beach, FL.** A classically-styled 20 story hotel/condominium of approximately 450,000 s.f. with two levels of below-grade parking. Principal-in-charge of the structural engineering design team.
- ◆ **Veterinary Referral & Critical Care Facility, Palm Springs, FL.** Principal-In-Charge of structural engineering design services including selection of basic structural framing materials and systems, supervision of design engineering staff and production of construction documents. This state of the art \$ 5 million 30,000 s.f. animal care hospital has full-service surgical facilities, radiology, laboratory, MRI, CAT-scan, teaching lecture hall and pharmacy,
- ◆ **The BOND Tower – Concept Design, West Palm Beach, FL.** Principal-In-Charge of the structures team performing a conceptual feasibility exercise for this striking needle-like 20-story condominium tower, positioned on a micro-sized site, featuring personal auto-lift technology delivering residents automobiles to their private garages in their independent floor units.
- ◆ **Liggio Office Building, Lake Worth, FL.** Engineering Principal-In-Charge for a new, 3-story 20,000 s.f. private law office building with covered ground floor parking, planted atrium lobby and roof gardens. Structural systems to feature precast concrete joist-slab system and load-bearing cmu walls.
- ◆ **Kohn Medical Office Building, West Palm Beach, FL.** Principal-In-Charge, Lead structural designer for 21,000 s.f. three story private medical office building over covered parking and two floors of specialized optometric and surgical equipment. Structural systems to feature precast concrete joist-slab system and load-bearing cmu walls. Project included vibration-isolated lasik facilities, solar-controlled window orientations and fully-screened rooftop mechanical field. Category 3 hurricane protection level design was provided. Construction cost \$3. M.

Christopher E. Pruitt

Principal

- ♦ **Alamo Rent-A-Car, Blunk-DeMatae Associates, Tampa, FL.** Structural Design Team Leader responsible for design of a new prototype facility, including a custom-designed 100-ft long, arched structural pipe-steel roof truss system for a new Alamo Rent-A-Car facility. The truss was designed using steel pipe sections and was therefore aesthetically pleasing to the viewer. (for Blunk-DeMattai Architects)
 - ♦ **Morikami Park, American Orchid Society Headquarters, Delray Beach, FL.** Lead Structural Design Engineer responsible for design team activities related to a new two-story national headquarters facility. Design included steel columns, composite floor systems, roof framing and deck diaphragm. Design featured a dramatic central three-story cupola atrium exhibit space. Later phases of the development featured greenhouse, boardwalks, gazebos and a cypress wetland viewing area. (for Song & Associates)
 - ♦ **Palm Beach Post Headquarters Expansion & Renovation, West Palm Beach, FL.** Lead Structural Design Engineer for an \$18M newspaper facility featuring five-story concrete framing on pile foundations, heavy floor loadings and elevated hurricane-resistant construction. (for Gee & Jenson)
 - ♦ **Miami International Airport Commerce Center Warehouses 3, 4, 5 & 6, Miami, FL.** Lead Structural Design Engineer and Project manager. Concrete tilt-up wall systems and special high-durability floor slabs for heavy industrial activities. (for Gee & Jenson)
 - ♦ **Cheney Brother Inc. Warehouse / Headquarters Facility, West Palm Beach, FL.** Structural Engineering Task Manager for a 13M 200,000 s.f. tilt-up distribution center, cold storage and headquarters facility for leading food service company. Featured high rack storage solutions. (for Gee & Jenson)
 - ♦ **USA Funds National Headquarters, Fishers, IN.** \$25M five-story 250,000 s.f. headquarters Building. (for Everett I Brown Co.)
 - ♦ **Indiana Seal, Carmel, IN.** \$5M seal manufacturing facility featuring clean room technologies, heavy warehousing and distribution. (for Everett I Brown Co.)
 - ♦ **Conseco Corporate Headquarters, Carmel, IN.** \$3M corporate headquarters, financial services and holding company. (for Everett I Brown Co.)
 - ♦ **Target Eastern Regional Distribution Center, Plainfield, IN.** 2,000,000 s.f. major distribution center. (for Everett I Brown Co.)
 - ♦ **Eli Lilly Pharmaceutical Headquarters, Indianapolis, IN.** Lead structural engineering designer for multiple ongoing major campus additions and renovations, supercomputer processing facility including laboratory, dining, research, production and library. Many buildings were turn of the century era historically significant buildings. (for Everett I Brown Co.)
 - ♦ **Foshay Cancer Center, Jupiter Medical Center, Jupiter, Florida.** Principal-In-Charge, lead structural engineering designer for expansions and renovations of a cancer treatment center, including new exterior entrance features, architecturally-featured porte cocher structure, and circulation modifications to the building core. Construction Value \$15 K
 - ♦ **Jupiter Medical Center Dining and Food Service Expansion, Jupiter, FL.** Principal-In-Charge, lead structural engineering designer for major expansion to hospital dining rooms, kitchens and food service operations, including receiving and warehousing, parking and landscape modifications for major regional hospital facility. Construction Value \$21 K.
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Christopher E. Pruitt

Principal

- ◆ **950 N. Meridian Center, Browning Investments, Indianapolis, IN.** Twin, 12-story post-tensioned, granite-clad office towers, downtown Indianapolis. (for Everett I Brown Co.)
- ◆ **Sarasota Commerce Center, Benderson Development Company, Sarasota, FL.** Structural Design Team Leader responsible for structural design of a large commerce park and industrial complex. (for Oliver Glidden Architects)
- ◆ **Bank One Tower, Indianapolis, IN.** Onsite Structural Quality Assurance / Owner Representative for 29-story downtown office tower, cast-in-place and post-tensioned design with granite and limestone cladding. Design also featured deep concrete caissons to bedrock. (for Everett I Brown Co.)

Representative Clubhouse & Resort Amenities Projects

- ◆ **Wycliffe Golf and Country Club, Wellington, FL.** Principle in charge of Structural design team for major renovations and two-story additions to the existing facilities. (for Peacock & Lewis)
- ◆ **Land of the Presidents Clubhouse Additions & Renovations, West Palm Beach, FL.** Senior Structural Designer for all major structural component of a \$3.5M complete interior redesign of a 60,000 sf clubhouse built in multiple phases over the last 30 years. The primary goal of the project was to integrate all the functions of the facility including dining, golf, catering, fitness and social membership.
- ◆ **Palm Beach Bath & Tennis Club, Palm Beach, FL.** Principle in charge of Structural design team for major renovations, single- and two-story additions to the existing facilities, including major enclosures of existing outdoor spaces and new pool cabanas. (for CCI Architects)
- ◆ **Club Renaissance at Sun City Center, Sun City, FL.** Structural design engineer for the clubhouse facility. Designed and produced the construction documents, specifications and provided construction-phase services. (for Song & Associates)
- ◆ **The Venetian Club, Venice, FL.** Structural design engineer for the clubhouse facility. Designed and produced the construction documents, specifications and provided construction-phase services. (for Song & Associates)
- ◆ **Willoughby Golf Clubhouse, Cart Barn & Maintenance Facilities, Stuart, FL.** Lead Structural Design Engineer for all amenities buildings for the Willoughby Development.
- ◆ **Ibis Golf & Country Club, West Palm Beach, FL.** Lead Structural Design Engineer for all amenities buildings for the Ibis Development.
- ◆ **Palm Beach Country Club, Palm Beach, FL.** Engineering analyses and design consultations for major mechanical systems replacements, including support of 40,000 lb roof mounted chiller.

Representative Municipal & Utility Projects:

- ◆ **Woodlands Environmental Learning Pavilion, Loxahatchee Preserve Nature Center, Inc., West Palm Beach, FL.** Senior Structural Design Engineer for all major structural components of a \$1.74M educational and research facility encompassing classrooms, 140-person conference room, and educational broadcast facilities for the Palm Beach County District. Facility is built in a low-impact perspective in the heart of the City of West Palm Beach's Water Catchment Area, a pristine natural marine environment near the headwaters of the Loxahatchee Slough, a major lead-in to the eastern everglades. Building was the first of a planned campus of similar facilities.

Christopher E. Pruitt

Principal

Design featured a low-impact pile-supported outdoor-focused building with extensive covered walkways, exposed heavy timber framing.

- ◆ **Town of Jupiter Water Utilities Emergency Operations Center, Jupiter, FL.** Two-story EOC facility designed to operate through a Category 4 hurricane event.
- ◆ **SECO Administration Building, Sumter Electric Company, Sumterville, FL.** Structural Team Leader for a storm-hardened, high-tech 3-story administrative facility. Design included auger cast piling, reinforced concrete grade beams, slabs and columns, and architectural precast wall panels for 130-mph winds and floor loads up to 150-psf.
- ◆ **Public Safety Headquarters & Emergency Operations Center, City of Tarpon Springs, Tarpon Springs, FL.** Lead structural design engineer responsible for design of all major structural components of a hurricane hardened emergency operations facility. Design included steel columns, composite floor system, roof framing and deck diaphragm. Facility was an emergency response center designed to shelter emergency workers during a Category 3 hurricane of over 130-mph winds.
- ◆ **Northwood Community & Recreation Center, City of West Palm Beach, FL.** Structural Team Leader and project manager for a new gymnasium building as part of a major redevelopment and revitalization project for the historic Northwood area of West Palm Beach.
- ◆ **Lake Sumter Community College Library, Lake Sumter, FL.** Senior Design Engineer for new campus facilities, including structural design of a new library building for Lake Sumter Community College.

Representative Fire Training Facility Project

- ◆ **Resolve Fire Hazard Training Facilities, Port Everglades, FL.** Ship-styled steel container training vessel (facility) featuring multiple ship fire fighting scenarios using controlled propane burner props, including a live-fire "flashover" chamber. Facility was used to provide real-life fire and hazard training to maritime crew and U.S. Coast Guard rescue professionals.
- ◆ **Port Canaveral Maritime Fire Training Academy Facility, Port Canaveral, FL.** Ship-Style steel container training vessel (facility) featuring multiple ship fire fighting scenarios using controlled propane burner props, including computer controlled engine room, generator, electrical, crew quarters, radio room and on-deck oil and bilge fires. Facility was used to provide real-life fire and hazard training to maritime crews and U.S. Coast Guard Rescue professionals

Representative Parks & Recreation Projects

- ◆ **Phil Foster Park, Riviera Beach, FL.** Structural Design Engineer for redevelopment of aging Palm Beach County Waterfront Park, including all new building facilities to serve park activities and marine environmental public access.
- ◆ **YMCA, Boca Raton, FL.** Structural Design Engineer on a large renovation and expansion of YMCA facility, including new natatorium featuring 70' arched glulam roof, new gymnasium, and health and fitness facilities.
- ◆ **Pompey Park Pool & Bath House, Delray Beach, FL.** Large public outdoor pool and bath house facility.
- ◆ **Ocean Ridge Oceanfront Park Boardwalks, Town of Ocean Ridge, FL.** Beachfront Park with extensive surface and elevated boardwalks replaced to utilize HDPE recycled lumber products.

Christopher E. Pruitt

Principal

- ◆ **Peanut Island Park Ranger Station, Picnic Shelters, Restroom Facilities, Boat Docks & Fishing Piers, Riviera Beach, FL.** Lead Structural Designer and Construction Manager for Palm Beach county Phase I Development of Island Park amenities.
- ◆ **Okechelee Park Golf Buildings, West Palm Beach, FL.** Structural Design Engineer for golf course cart storage and operations buildings.

Representative Public Safety & Fire Station Projects

- ◆ **Tarpon Springs Public Safety Facility & EOC, Tarpon Springs, FL.** Lead Structural Design Engineer responsible for design of all major structural components of a hurricane hardened emergency operations facility. Design included steel columns, composite floor system, roof framing and deck diaphragm. Facility was an emergency response center designed to shelter emergency workers during a category 3 hurricane of over 130-mph winds.
- ◆ **Village of North Palm Beach Public Safety Facility, North Palm Beach, FL.** An integrated fire/police/admin. EOC facility designed to perform continual operations through hurricane category 3 levels.
- ◆ **Braden River Fire Station, Bradenton, FL.**
- ◆ **Fernandina Beach Fire Station, Fernandina Beach, FL.**
- ◆ **Ocoee Fire Stations, Ocoee, FL.**
- ◆ **Lake Wales Fire Station and EOC, Lake Wales, FL.**
- ◆ **Boca Raton Fire Stations, Boca Raton, FL**
- ◆ **Monroe County (FL Keys) Comprehensive Fire Station Study, Monroe County, FL.**

Representative Multi-Family Town Home & Condominium Projects

- ◆ **Riverside Landing Condominium, Fort Myers, FL.** A new 7-story Mediterranean-styled condominium with private ground level garage parking. Structural engineering solutions included post-tensioned floor slabs, reinforced engineered cmu walls and deep pile foundations.
- ◆ **The Imperial Hotel/Condominium, West Palm Beach, FL.** Principal Engineer-In-Charge of this European style, stone-clad facility featuring 20-stories above grade with multi-level sub-grade parking and services. Conceived as a world-class residence featuring 5-star amenities, sited on one of downtown West Palm Beach's most desirable addresses. All concrete framed with post-tensioned floor slabs, deep pile foundations and roof-top pools, this facility will be a unique and exclusive landmark building when completed.
- ◆ **The Bond Tower, West Palm Beach, FL.** Principal Engineer-In-Charge of this ultra-modernistic tower facility featuring 20-stories of mezzanine condominium units – one per floor - above grade with multi-level sub-grade parking and services. Conceived as a super high tech and very private world-class residence featuring internal auto lift elevators servicing private garages, private indoor pools, and full-height 20-story light wells, sited on one of downtown West Palm Beach's most desirable thoroughfare axes. Futuristically-styled externally-braced framing and clean materials will set this building apart from all South FL contemporaries.
- ◆ **Avenue A Condominium, Riviera Beach, FL.** Engineering Principle-In-Charge for this 42,000 s.f. 4 story condominium residence over covered parking, located in the

Christopher E. Pruitt

Principal

highly desirable waterfront redevelopment district of Riviera Beach. Post-tensioned slabs, masonry bearing walls, pile-foundations and provisions for “Green-Building” technologies are among the design features provided.

- ◆ **Abidjan Estates Multi-Family, Belle Glade, FL.** Engineering Principal-In-Charge for this large and significant affordable housing project, this design was developed to meet Federal affordable housing funding requirements and to be built for extremely low construction square foot costs.
- ◆ **Villa del Mar at Entrada, Cape Coral, FL.** Engineering Principal-In-Charge for a 25-building, two-story six-plex condominium development, located in Cape Coral, FL.
- ◆ **Atlantica Town Homes and Mixed-Use Development, Delray Beach, FL.** Engineering Principal-In-Charge for 41,000 s.f. 3-story town home and mixed-use development on a prominent Delray Beach thoroughfare.

Representative Historical Preservation and Restoration Projects

- ◆ **Old 1916 Palm Beach County Courthouse, West Palm Beach, FL.** Provided several phases of conditions surveys and evaluative studies in support of the mission to “Save The Old Courthouse” in downtown West Palm Beach. The original 1916 Palm Beach County Courthouse and 1925 additions were being considered for renovation and adaptive reuse by the City and County. Worked on the team of professionals that provided in-depth discovery and documentation which ultimately lead to the project being undertaken.
- ◆ **Casablanca Building Restoration & Adaptive Reuse, Palm Beach, FL.** For the Cendant Corporation, this 1930’s era landmark building situated in the heart of Palm Beach’s Royal Poinciana market district, started as a routine interior tenant improvement project, and expanded into a comprehensive and complete refurbishment and reframing project to upgrade and Code-qualify the historical facility, while maintaining the exterior appearance in a manner satisfactory to the local landmarks commission. The structural evaluations and refurbishments played a critical role in the project success and provided for the extended building viability.
- ◆ **Bizarre Ave. Café, Lake Worth, FL.** This landmark restaurant establishment in the central historical and business district underwent an ambitious 2nd floor expansion to convert apartments to a fully accessible second, independent restaurant and banquet facility. New street-side façade, balconies and kitchen were added and extensive evaluations and upgrades were performed on the aged structure in order to obtain load performance required for a restaurant use.
- ◆ **Dr. Holliday DMD Offices, Lake Worth, FL.** This project featured a complete renovation of an aged, one-story frame house to become a small dentist office. The interior demolition revealed extensive damage and deficiencies in the existing wood framing throughout, requiring rehabilitative measures and Code-mandated upgrades. The renovation restored the historical appearance of the house, and has contributed to an enhanced streetscape improvement in this near downtown arts overlay district.
- ◆ **Collie Residence, S. Flagler Drive, West Palm Beach, FL.** Engineering Principal-In-Charge for the complete structural rehabilitation of a severely fire-damaged historic home located in the El Cid Historic District on the City’s south side. Replacement of entire roof having been devoured by fire, and limited interior framing replacement, all in preparation for a major interior and exterior renovation of the home and connected guest house.

Luxury Single-Family and Estate Residences

Christopher E. Pruitt

Principal

- ◆ 3007 Washington Road, West Palm Beach, FL.
- ◆ Key West-Styled Cottage, Fort Myers Beach, FL.
- ◆ Finvarb Residence, Harbour Islands, FL.
- ◆ Beukema Residence, N. Hutchinson Island, FL.
- ◆ Collie Residence, West Palm Beach, FL.
- ◆ Schooley Residence,
- ◆ Bellagio II Model Home,
- ◆ Quittman Residence,
- ◆ Trent Martin Residence,

Academic Background

B.S. Construction Technology, Purdue University, 1989
A.A.S. Architecture, Vincennes University, 1981
