



ALVARO VASQUEZ, P.E.

EDUCATION AND LICENSES

Masters of Science in Structural Engineering | October 1999
University of California at San Diego | San Diego, California

Bachelor of Science in Structural Engineering | June 1998
University of California at San Diego | San Diego, California

State of Florida Registered Professional Engineer | PE. 60843
State of Florida Threshold Inspector License | LIC.7020533

CAREER TRACK

VASQUEZ STRUCTURAL ENGINEERS, INC. | PRESIDENT

PRINCIPAL STRUCTURAL ENGINEER |

2009 to Present

In this role, Mr. Vasquez is responsible for all consulting engineering and consulting activities for all projects including definition of project technical scope, structural design, budget, quality control, and schedules, special and threshold inspections and construction administration.

BRYNTENSEN STRUCTURAL ENGINEERS | PROJECT MANAGER

2005 - 2009

In this role, Mr. Vasquez was responsible for the overall structural scope of a wide variety of mostly commercial projects including but not limited to office buildings, educational facilities, retail, multi-story residential, warehouses, automotive dealerships, renovation, as well as of high end residential buildings. Work encompassed the development design phase, the production of the construction documents including design and calculations, as well as the construction administration phase which included shop drawing review and field inspections.

BURTON BRASWELL MIDDLEBROOKS | PROJECT MANAGER

2003 - 2005

In this role Mr. Vasquez was in charge of the design of low, mid-rise buildings, residential, commercial, warehouse facilities and new and existing building improvements.

STRUCTURAL ENGINEERS GROUP | ENGINEER IN TRAINING | JACKSONVILLE, FL

2000 - 2003

PROJECT EXPERIENCE SUMMARY

MUNICIPAL PROJECTS

FDOT/Broward County Bus Shelter Pads Broward County
Broward Sheriff Office Community Program – Lauderdale, FL
Fort Lauderdale Airport Runway Expansion Utility Building Assessment
Fort Lauderdale Airport Runway Expansion Exhaust fan Frame Support

COMMERCIAL AND RETAIL BUILDINGS

Las Olas Place
7th Avenue Village
Bellsouth Gainesville Northwest Addition
Bellsouth Port St. Lucie North
Bellsouth Palmetto Addition

Fort Lauderdale, FL
Hallandale Beach, FL
Gainesville, FL
Port St Lucie, FL
Miami, FL



Bellsouth Fernandina Beach
Bellsouth Golden Glades Addition
Bellsouth Beachwood Addition
Bellsouth Tampa Messaro
Bellsouth Orlando Colonial
Bellsouth Gulf Breeze
ATT Ojus Concert Addition
ATT Winter Park Addition
Gate Monticello Precast Building
Shoppes at Newberry
Towers at Cutler Ridge
Pinewood Office Building
Washington Mutual Plaza
Yoga Institute
Tamarac Office Center
Eiglarsh Executive Center
Wings Retail Center
World of D'core
Green Properties Flex Retail
Great Florida Bank
Lakeside Shops of Miramar
Shoppes at Beachon Light Remodeling
Cuppy Car Wash
Shoppes at Gateway
Riva Motorsports Warehouse
Laundromart Davie
Mednax Renovations
TDON Development Office Building
Fountains at Miramar Outparcel No. 4
South Beach Detox Center
Ashley Furniture Outparcel
Pet smart at Pompano City Center Remodeling
Chetu Office Building

Fernandina Beach, FL
Miami, FL
Jacksonville, FL
Tampa, FL
Orlando, FL
Gulf Breeze, FL
Miami, FL
Winter Park, FL
Jacksonville, FL
Gainesville, FL
Miami, FL
West Palm Beach, FL
Tamarac, FL
Islamorada, FL
Tamarac, FL
Weston, FL
Lauderdale by the Sea, FL
Deerfield Beach, FL
Pompano Beach, FL
Davie, FL
Miramar, FL
Pompano Beach, FL
West Palm Beach, FL
Stuart, FL
Pompano Beach, FL
Davie, FL
Sunrise, FL
Fort Lauderdale, FL
Miramar, FL
North Miami Beach, FL
West Palm Beach, FL
Pompano Beach, FL
Plantation, FL

DEALERSHIPS AND PARKING GARAGES

Lexus of North Miami Dealership
Shelton Ferrari Dealership Addition
Largo Honda Dealership
Gatorland Toyota Dealership
Mercedes Benz Delray Dealership
Oceanside Parking Garage
Al Packer Ford West
Orlando Airport Parking Facility

Miami, FL
Fort Lauderdale, FL
Homestead, FL
Gainesville, FL
Delray Beach, FL
Delray Beach, FL
West Palm Beach, FL
Orlando, FL

HOSPITAL AND MEDICAL FACILITIES

Catholic Health Services St. Catherine's Rehab Center
Baptist Medical Center New Surgical Bldg
Cardiology Associates of Gainesville
New Ambulatory Surgery Bldg

North Miami, FL
Jacksonville, FL
Gainesville, FL
Sarasota, FL



St. Vincent Family Medicine Center
Anne's Assisted Living Facilities Renovations
Century Village West Palm Beach Renovations
Office for Dr. Rozbozil, Tonner, Wyne

Jacksonville, FL St.
Homestead, FL
West Palm Beach, FL
Gainesville, FL

SCHOOLS, LIBRARIES AND MUSEUMS

Boca Raton New Western Library
University of Florida Library Load Analysis
Johnson and Wales Academic Building
Johnson and Wales University Wild Cat Statute
Nova South Eastern Law School

Boca Raton, FL
Gainesville, FL
North Miami Beach, FL
North Miami Beach, FL
Davie, FL

MULTI-UNIT RESIDENTIAL

The Preserve at Emerald Hills
Landmark at Doral
Ocean Terrace Condominiums
Portofino Tower
Be Townhouses
Foundry Lofts
Seagrape Townhouses
Hendricks Townhouses
North Beach Place
Sol Townhouses
Habitat for Humanity
Habitat for Humanity
The Elysian at Deerfield Beach
The Fordham at Deerfield Beach
Four Corners Townhomes
Bayview Drive Condo
Torre Victoria

Hollywood, FL
Doral, FL
Delray Beach, FL
Ft. Lauderdale, FL
Ft. Lauderdale, FL
Ft. Lauderdale, FL
Ft. Lauderdale, FL
Victoria Park, FL
Miami, FL
Victoria Park, FL
Hallandale Beach, FL
North Lauderdale, FL
Deerfield Beach, FL
Deerfield Beach, FL
Ft. Lauderdale, FL
Ft. Lauderdale, FL
Hialeah, FL

PRIMARY AND SECONDARY EDUCATIONAL FACILITIES

Miami Arts Charter School
Hollywood Charter Academy Phase I
Hollywood Charter Academy Phase II
Plantation Renaissance Charter School
Bright Horizon Charter and Daycare School
Cooper City Charter School
Valwood School
Seabreeze Elementary Media Center
Pompano Beach Middle Cafeteria
Cardinal Gibbons H.S. Laboratory Addition
Hillel School New Gymnasium
St. Thomas Aquinas H.S. Athletic Facility
Island Christian School Gymnasium
TPM Hollywood, Davie
TPM Larkdale
Florida International Academy

Miami, FL
Hollywood, FL
Hollywood, FL
Plantation, FL
Wellington, FL
Cooper City, FL
Valdosta, GA
Jacksonville, FL
Pompano Beach, FL
Fort Lauderdale, FL
West Palm Beach, FL
Davie, FL
Islamorada, FL
Broward School Board
Broward School Board
Opa Locka, FL

PRISON AND CORRECTIONAL INSTITUTIONS



DHS Border Patrol Dania Beach
Colquitt County Jail

Dania Beach, FL
Colquitt, GA

RESTORATION AND REHABILITATION

The Oldest House
Flagler Lighthouse
BC Country Club Pedestrian Bridges
Danny's 19th Hole
Facelift RFH 2100
Passion Coffee

St. Augustine, FL
Flagler Beach, FL
Boca Raton, FL
Boca Raton, FL
Ft. Lauderdale, FL
Coral Gables, FL

WAREHOUSES

Broadway Center
Safeguard Coconut Grove
Extra Space Storage
Iron Mountain Storage
Off Broward Self Storage
IDG Warehouses

Tampa, FL
Miami, FL
West Plan Beach, FL
West Palm Beach, FL
Ft. Lauderdale, FL
Homestead, FL

INDUSTRIAL PROJECTS

Ameristeel Rod Mill Finishing Upgrade
PCL Plastic Additions and Renovations

Jacksonville, FL
Jacksonville, FL

HOTELS, CLUBS AND DINING FACILITIES

Best Western Hotel
Holiday Inn Montvale Renovation
White Cap Motel
Caldwell Theatre
Spanish Wells Country Club
Holiday Inn Boca Renovation
Super play USA
The Bonnet House Museum and Gardens Entry Guard and Fence
La Brasa at Sawgrass

Miami, FL
Montvale, NJ
Lauderdale by the Sea, FL
Boca Raton, FL
Bonita Springs, FL
Boca Raton, FL
Port St. Lucie, FL
Fort Lauderdale, FL
Sunrise, FL

CHURCHES

St. Isabel Catholic Church
Sheppard of the Coast Remodeling
Grace Church of the First Born
All Saint Episcopal Classrooms
St. Henry Catholic Church Addition
Korean Church New Sanctuary Building

Sanibel Island, FL
Ft. Lauderdale, FL
Miami, FL
Ft. Lauderdale, FL
Pompano Beach, FL
Tamarac, FL

RESIDENTIAL

Oviasu Residence Exhuma,
Cascone Residence
Brambilla Residence
Barquera Residence
Thomson Residence
Petway Beach House

Bahamas
Jacksonville, FL
Pine crest, FL
Coral Gables, FL
Ponte Vedra, FL
Jacksonville Beach, FL



Pol Residence
Mc. Intyre Residence
Riviera Residence
Caribbean Residence
Andux Residence Addition
Galante Residence
Guillen Residence

Marathon, FL
Key Biscayne, FL
Coral Gables, FL
Key Biscayne, FL
Coral Gables, FL
Sunny Isles, FL
Weston, FL

SPECIAL AND THRESHOLD INSPECTIONS

Cooper City Charter School
Tamarac Charter School
Best Western Hotel
Plantation Renaissance School
Coral Springs Renaissance
Lexus Dealership
Caldwell Theater
Boca Raton Western Library
Wellington Charter School
Miami Arts Charter School Homestead
Hollywood Charter Academy Phase I
The Preserve at Emerald Hills

Cooper City, FL
Tamarac, FL
Miami Springs, FL
Plantation, FL
Coral Springs, FL
North Miami Beach, FL
Boca Raton, FL
Boca Raton, FL
Wellington, FL
Homestead, FL
Hollywood, FL
Hollywood, FL

PUBLICATIONS

A. Vasquez and V. Karbhari. "Fiber-Reinforced Polymer Composite Strengthening of Concrete Slabs with Cutouts", ACI Structural Journal, Sep 2003, Vol. 100 Issue 5, p 665.

W. Seim, A. Vasquez, V. Karbhari and F. Seible. "Post strengthening of Concrete Slabs: Full-Scale Testing and Design Recommendations". Journal of Structural Engineering, ASCE. Jan 2013; 129(6). DOI: 10.1061.

J. Hewes, A. Vasquez, D. Innamorato, M.J.N. Priestley and F. Seible, "Beam Test- Sherwood Resort Hotel Guam", Division of Structural Engineering, University of California, San Diego, March 1998, Report No. TR-98/02.

V. Karbhari, F. Ho and A. Vasquez, "NOL-Ring Tests on Carbon Fiber Reinforced Composite Bridge Column Casings", Division of Structural Engineering, University of California, San Diego, July 1998, Report No. TR-98/11.

ASSOCIATIONS

Member of American Concrete Institute