

ROBERT TOMAS GARCIA
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PROFESSIONAL LICENSES:

- ♦ Florida Department of Business and Professional Regulation. Professional Engineer (P.E.), *Registered No. 51370*.
- ♦ Special Inspector of Threshold Buildings. No. 1152. Miami-Dade County Board of Rules and Appeals, Structural Building Inspector, No. 20011605

EDUCATION:

- ♦ University of Miami (UM), Miami, FL
(Validation of Bachelors Degree in Civil Engineering)
- ♦ University of Havana, Cuba (Bachelors in Civil Engineering)

POST GRADUATE COURSES:

- ♦ Uses of Additive in Concrete
- ♦ Quality Control in Concrete
- ♦ Use of Sliding Form in Construction Field
- ♦ Diver with Independent Equipment (Aqualung) for Underwater Construction Inspection
Seaport Construction Techniques. (Gdansk/Poland)
- ♦ Drydock Construction Techniques. (Gdansk/Poland)

PROFESSIONAL HISTORY:

Dec 2003 to Present:

- ♦ **G2 CONSULTING GROUP, INC. (Consulting Engineers)** Miami, FL

Position: *Vice President and Civil Engineer*

My duties include coordinating and managing multiple fast-paced commercial and residential design projects, calculating loads and stresses, producing designs, investigating strength and foundations and analyzing the behavior of building materials. Responsible for reviewing and supervising employee and subcontractors' work product; supervising work progress on a construction site; attending meetings with others involved in the project, such as the architect, client, construction firm and other professionals; inspecting properties to ensure they are fit for their purpose and meet the required safety standards; and using specialized computer programs, such as ETABS, SAFE, ADOSS, PCACOL and AutoCAD 2008 for structural analysis and design. I have designed structures using steel, concrete, timber and masonry elements. Responsible for conducting threshold and other field inspections as required by the project.

June 2004 to Nov 2004:

- ♦ **CEMUSA MIAMI LTD.** Miami, FL

Position: *Civil Engineer of Record*

My duties included reviewing survey drawings of bus shelters and driveways for Miami Dade County and coordinating the site location for the shelters and conducting site inspection to assess construction and installation progress. I was the Engineer of Record for the project.

May 2002 to June 2004:

- ♦ **DE LOS REYES ENGINEERING, INC. (Consulting Engineers)** Miami, FL

Position: *Structural Inspector*

My duties included the threshold structural inspection of commercial buildings and residential properties, to monitoring construction progress and compliance with Florida Building Code requirements.

April 2001 to May 2002:

- ♦ **MIAMI DADE COUNTY BUILDING DEPARTMENT** Miami, FL

Position: *Structural Inspector*

My duties included the threshold structural inspection of commercial buildings and residential properties to ensure compliance with Miami Dade County and Florida Building Code requirements.

1999 to 2001:

- ♦ **SIDDIQ KHAN & ASSOCIATES, INC.** Miami, FL

Position: *Structural Building Inspector*

My duties included the threshold structural inspection of the Dolphin Mall Project as a Miami Dade County Representative to ensure with Miami Dade County and Florida Building Code requirements.

1993 to 1999:

- ♦ **ARDAMAN & ASSOCIATES, INC.** Miami, FL

Position: *Project Engineer and Threshold Field Inspector*

My duties included the inspection of structural steel, concrete construction and soil preparation as well as overall responsibility for monitoring pile driving and installation. Responsible for set up and performance of pile load test involved in environmental assessment studies.

1977 to 1993:

- ♦ **MINISTRY OF PUBLIC WORK** Havana, Cuba

Position: *Consultant Engineer*

Structural advisor for the existing hotels retrofit for tourist purposes. Responsible for designing and construction of Ports and Maritime facilities, runway construction of the Granada's Island Airport; construction of underwater sewer and pumping station for Varadero Beach in Cuba; shores and beach protection works; consultant or the new construction and development at the Varadero International Airport, Cuba, floating steel drydocks location.

- ♦ **TUMA & GARCIA CONSTRUCTION CO.** Havana, Cuba

Position: *Condominium Building & Residences Structural Designer*

- ♦ **CUBAN HYDROGRAPHIC INSTITUTE** Havana, Cuba

Position: *Consulting Engineer*

Duties included lighthouse construction, buoys location and ports and channels dredging.

♦ **MINISTRY OF PUBLIC WORKS**

Angola Republic, Africa

Position: ***Consulting Engineer***

Consultant developing of port and maritime structural repairing; technical Advisor for Building Construction. Republic of Libya, Africa

1968 to 1977:

♦ **MARITIME CONSTRUCTION ENTERPRISE**

Havana, Cuba

Position: ***Chief Engineer***

Responsible for the design and construction of ports and maritime structures for the Port Authority Ministry in Havana, Cuba. Served as the Technical Advisor on damage evaluation for pier and wharves by shipwreck Floating Steel drydocks location.

1964 to 1968:

♦ **UNIVERSITY OF HAVANA**

Havana, Cuba

Position: ***Professor***

Professor of "Port Planning and Design," "Maritime Structures Design and Construction".

1959 to 1964:

♦ **MINISTRY OF PUBLIC WORKS**

Havana, Cuba

Position: ***Field Engineer***

Involved in the construction of the Water and Sewer system in the cities of Camaguey, Santa Cruz del Sur and Nuevitas. My duties included, among others, the construction of 100 ft high and 45 ft diameter concrete water tank using the sliding form system.

TECHNICAL PUBLICATIONS:

- ♦ "Port Planning and Design"
- ♦ "Port Structures Design"
- ♦ "Dynamic and Static Test of Piles"

ASSISTANT IN TECHNICAL TRANSLATION:

- ♦ "Foundation in the Construction Field". Polish/Spanish
- ♦ "Technical Parameter in Order to Calculate Ships Force against Mooring Structures". Russian/Spanish "Rule in Order to Elaborate Technological Project in Seaport Construction". Russian/Spanish.

LANGUAGES: Spanish, English