



JUAN LUIS SANTILLANA, M.S., P.E. - VICE PRESIDENT OF OPERATIONS

SUMMARY OF

QUALIFICATIONS: Over six years of work experience in the design and analysis of commercial and residential buildings, including high-rise, multi-story buildings, hospitals, etc. Senior project engineer of various projects throughout the US and abroad.

EDUCATION: FLORIDA INTERNATIONAL UNIVERSITY Miami, FL
MASTERS OF SCIENCE IN STRUCTURAL ENGINEERING
2007

PROFESSIONAL ASSOCIATIONS: Florida Structural Engineers Association (FSEA)

WORK EXPERIENCE:

08/09 – Present DLG ENGINEERING, INC South Miami, FL
VICE PRESIDENT OF OPERATIONS

Proposing, preparing and reviewing structural design solutions for commercial, residential and retail projects. Calculating and preparing wind load analysis. Preparing and reviewing storefront shop drawings. Preparing construction specifications and approving construction materials. Design and analysis of mechanical equipment support structures, general structural analysis utilizing SAP and RAM Advanse, flood mitigation design of envelope products. Responsible for general inspections of glazing system installations.

06/07 – 06/09 DESIMONE CONSULTING ENGINEER Miami, FL
SENIOR PROJECT ENGINEER

Managed and supervised various operations in a project. Planned to ensure deadlines were met accordingly. Prepared construction specifications, and approved construction materials. Ensured construction plans met guidelines and specifications of building codes and other regulations. Designed multiple structures from low to high rise buildings, hospitals, houses, renovation of multi-story buildings, garages and miscellaneous structures.

03/06 – 06/07 GOPMAN CONSULTING ENGINEERS Miami, FL
PROJECT ENGINEER

Designed multistory buildings and steel and concrete structures. Coordinated pre-cast, pre-stressed concrete work with cast in-situ concrete work. Prepared construction specifications, and approved materials. Ensured construction plans met guidelines and specifications of building codes and other regulations. Inspected reinforcing steels of concrete structural elements and foundations.

03/06 – 06/07

S & F ENGINEERS
PROJECT ENGINEER

Miami, FL

Designed office buildings, residences, residential renovations and specialty structures. Developed tender documents and drawings. Inspected and ensured the appropriate construction based on drawings. Reviewed shop drawings.

**ADDITIONAL
SKILLS:**

Engineering tools: SAFE, SAP2000, PCA Software, ENERCALC, RAM Concept, RAM Advanse, RAM Beam, Etabs ,Auto CAD, RISA, MIDAS

PROJECTS:

- Preliminary design of Las Palmas Hotel in Las Vegas. A 55 story building.
- Peer Review of Marina 101 in Dubai. A 101 story building.
- Design of miscellaneous structures for Al Ain Park and Recreation in Abu Dhabi.
- Preliminary design of Boca Raton Hospital.
- Design and construction administration of Eden Rock Hotel in Miami Beach. New and existing mid-rise buildings.
- Design and construction administration of Caribbean Hotel in Miami Beach. A new 20 story building and existing 15 story building.
- Renovation of Cipriani Resort in Miami Beach. A 15 story existing building.
- Design of Regatta Condominium. Three low-rise buildings located in Miami Beach.

REFERENCES:

Available upon request.