



REGISTRATIONS

- Puerto Rico, P.E. #19861

EDUCATION

The University of Florida
M.S. Structural Engineering, 2000

Polytechnic University of PR
B.S. Civil Engineering, 1999

PRACTICE AREAS

- Forensic Investigation
- Structural Evaluation, Analysis, and Design
- Repair and Remediation
- Destructive and Nondestructive Testing

PROFESSIONAL AFFILIATIONS

- American Concrete Institute (ACI)
- American Welding Society (AWS)
- American Institute of Steel Construction (AISC)
- American Society of Civil Engineers (ASCE)

EXPERIENCE

Jaime Robert forensic consulting experience at CESG has included failure investigations, evaluations of existing distressed structures, as well as extensive non-destructive testing utilizing a variety of methods. In addition, he has provided structural analysis, design, and construction administration services for a variety of structure types in both new and existing construction.

Prior to joining CESG, Jaime worked as a structural design engineer for approximately 13 years. His design experience included a variety of structures such as medical facilities, convention centers, government institutional facilities, commercial buildings, and bridge design. His structural design experience has allowed him to become very familiar with the design process from conceptual design through construction administration and has proved invaluable for repair and remediation projects.

TECHNICAL COMMITTEES

ACI Puerto Rico Chapter

SELECTED PROJECTS

Forensic Investigation

- Distressed Parking Garages: San Juan, Puerto Rico
- Steel and Concrete Structure Remediation: San Juan, PR

Structural Evaluation, Analysis, and Design

- Structural Design and Analysis of Littoral Park at Mayaguez, PR
- Analysis of Existing Slab and Roof Beam Stability: Pavia Hosp, San Juan PR
- Structural Design of Foundations and Exhibit Hall Slab: PR Convention Center
- New Warehouse: B. Fernandez Expansion, PR

Destructive and Nondestructive Testing

- Ion Chloride Testing: GM Plaza Parking Slab.
- Ground Penetrating Radar Scanning for Reinforcement Location: CCC-UPR
- Ground Penetrating Radar Scanning for Reinforcement Location: Hospital Metropolitano San Juan
- Load Test: PH Apartment at Caribe Plaza, PR

CONTACT INFO

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