

CARLOS A. IRAOLA, MSC



EDUCATION

Master of Structural Design

University of Camagüey
2015

CIVIL ENGINEER

University of Camagüey
2005

SKILLS

- Structural design and analysis
- Building and infrastructure projects
- Hospitality and institutional structures
- Bridge and pumping station projects
- Residential structural engineering
- Construction support and coordination
- International project experience
- Technical teaching and mentoring
- Revit, AutoCAD, Robot Structural Analysis, STAAD PRO, SAP2000

PROFESSIONAL PROFILE

Civil engineer with solid experience in structural project design and multidisciplinary building support. His work has focused primarily on structural engineering for institutional, hospitality, infrastructure, and residential developments. He has contributed to projects in Cuba, Angola, and the United States, with experience ranging from hotel main buildings and healthcare remodeling to bridges, pumping stations, and private residences. He also brings academic experience as an assistant teacher at the University of Camagüey

EXPERIENCE

- Structural projects specialist with primary experience in structural design and project development.
- Project experience in Cuba, Angola, and the United States.
- Assistant Professor, University of Camagüey (13 years)

SELECTED STRUCTURAL PROJECTS

INTERNATIONAL BANK. HAMILTON RESERVE BANK - NEVIS

Structural design of a composite structure and a Special Moment Frame multistory building.

CAYO CRUZ HOTELS, CUBA

Principal Engineer for hotel main buildings developed with Bouygues Batiment, including Quebrada 17, Quebrada 21, and other hotel buildings in Cayo Cruz.

GENERATOR SET, NUEVITAS, CUBA

Structural project participation for generator set facilities in Nuevitas.

PEDIATRIC CHILDREN'S HOSPITAL REMODELING, CUBA

Structural engineering contribution to the remodeling of the Pediatric Children's Hospital.

FOOTBALL STADIUM, CUBA

Structural project work related to the field and metal towers for a football stadium development.

BRIDGES, ANGOLA

Design and construction support for bridges in Angola, including Huambo, Cuquema 1, Zenza I, and others, through Antex Project between 2012 and 2014.

PLUS PETROL HEADQUARTERS. CABINDA PROVINCE, ANGOLA

Structural project participation for the Plus Petrol Headquarters building

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 <http://ebenezerengineeringconsulting.com>

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SELECTED STRUCTURAL PROJECTS

PLUS PETROL HEADQUARTERS, CABINDA PROVINCE, ANGOLA

Structural project participation for the Plus Petrol Headquarters building

PUMPING STATIONS, ONDJIVA MUNICIPALITY, ANGOLA

Structural project work for pumping station developments in Ondjiva Municipality.

RESIDENTIAL PROJECTS, UNITED STATES

Structural project participation for New Residence Ethan Ocean, New Residence Lindsdorf, LLC, and New Residence Suris Home, in collaboration with Ktizo Engineering, Inc.

OTHER PROJECTS

In addition to the projects above, Carlos Arcia has contributed to a range of hospitality, institutional, infrastructure, and residential developments, with particular emphasis on structural design, coordination, and project support across local and international assignments.

INTERNATIONAL EXPERIENCE

Project experience in Cuba, Angola, and the United States, including hotel buildings, bridges, pumping stations, corporate facilities, healthcare spaces, and residential works

ACADEMIC EXPERIENCE

Assistant Teacher, University of Camagüey, with 13 years of academic involvement.