

RICARDO A. HERRERA, PE

Specialization

Structural Engineering, CAD Management

Education

M.S., Civil Engineering. University of California, Berkeley, California, 1975.

B.S., Civil Engineering. Syracuse University, Syracuse, New York, 1973.

Professional Registration

Commonwealth of Puerto Rico
License No. 7821-PE

Professional Associations

College of Engineers and Surveyors of Puerto Rico
American Concrete Institute
American Society of Civil Engineers
American Institute of Steel Construction

Capacete, Martin & Associates

Summer Break 1972, 1973 & 1974

University of California Berkeley

Teaching Assistant Fall 1973 - Spring 1974
Research Assistant Fall 1974 - Spring 1976

CMA Architects & Engineers LLC

1976 - 2017

Retirement

Pro Bono Activities-Various
2018 to date

Citizenship

USA

Languages

Fluent in both,
Spanish | English



Before retirement from a full time practice at CMA, initially as part of the structural engineering staff, and in 1979 as a partner of the firm, Mr. Herrera acquired a varied experience in the structural design of buildings and other structures, and carried out project management responsibilities for some of the firm's projects.

Representative Experience

Industrial — Wide ranging experience in projects for Abbott, AbbVie, Bristol-Myers Squibb, Eli Lilly, Merck, ICI, Johnson & Johnson, Janssen, Baxter, Wesley-Jessen, Zimmer, Chesebrough Pond's, Colgate-Palmolive, DuPont, Hewlett-Packard, Hamilton-Sundstrand, Intel, Microsoft, Honeywell, Bacardi, Pepsi, ESSROC, CEMEX. Most of the building structures had very specialized design requirements because of the process, manufacturing and packaging activities performed there.

Commercial — An assortment of project types ranging from office buildings, parking structures, warehouses, and other facility types as well as retail stores for Kmart, JC Penney and others.

Hospitality & Resorts — Varied experience in residential resort type projects at Rio Mar, Costa Caribe, Bahia Beach, Coco Beach and Palmas del Mar, as well as hotels for Westin, Ritz-Carlton, and the St. Regis at Bahia Beach.

Education — Additions and renovations to K-12 and university level institutions.

Health Care — Infirmary building at Pfizer Pharmaceuticals in Barceloneta.

Residential — Projects involving single family homes and low and high rise multi-family buildings.

Infrastructure — Experience in AAA, PRHTA, PREPA, PRPA in projects for water treatment, highway bridges and related structures, gas-insulated substations, airport (additions and renovations to buildings and transportation access) as well as the vessel maintenance facility for "Agua-Guagua".

US Government — Renovations and new construction for a number of projects at military bases in Puerto Rico; building types varied.

CAD

Led the transformation from hand drafting to all digital drafting and PC based design of the firm.