

Paseo Caribe Condominium Tower

Project information

Location

San Juan, Puerto Rico

owner

San Geronimo Development

Size

800,000 square feet

Building code

UBC 1997

construction

Design • Bid • Build

cost

\$170 Million

contractor

F&R Contractors

architect

Beame Architectural

Architecture

- Fourteen levels of luxury apartments
- Ten levels of public and private parking – 1,700 spaces
- Total of 46 apartments – 3,200 sqft each
- Building envelop consists of reinforced concrete with colored stucco and panel glassing

Structure

- Primary lateral resisting system is comprised of reinforced concrete shear walls and post tensioned reinforced concrete slab system
- Reinforced concrete columns are used in lower levels of parking garage as transfer points to foundation piles

Mechanical

- Four in-line centrifugal exhaust fans (27,000 cfm each) provide ventilation to underground parking facility
- Each apartment is equipped with two individual fan coil units supplied with cold water by a chiller-cooling tower system

electrical

- 13.2KV • -120/240V Distribution transformer
- 800KW-120/208V Diesel driven generator
- Feed four main switchboards, each serving four type A panel boards per floor



Domitrea F. Diaz
Structural Engineer