RICHARD G. TAYLOR BSc. (Hons) C.Eng., P.E. M.I.C.E., M.BAPE

NATIONALITY : BARBADIAN **DATE OF BIRTH : 1959-04-02**

REGISTRATION

Chartered Engineer - United Kingdom
Registered Professional Engineer - Barbados
Licensed Professional Engineer - U.S. Virgin Islands

MEMBERSHIPS

Member American Society of Civil Engineers
Member of the Institution of Civil Engineers - United Kingdom
Member of the Barbados Association of Professional Engineers
Member of the British Virgin Islands Architects and Engineers Association

EDUCATION

1978 - 1981	University of Wales (Swansea) BSc. (Hons) in Civil Engineering

EXPERIENCE

Systems Engineering Ltd.

1997 to present Director / Principal Engineer

Responsible for all of the firms structural engineering designs, site supervision and contract administration.
Recent projects include;

The new Peebles Hospital in Tortola, 165,000 sq ft 6 story building in structural steel and reinforced concrete.

The new Financial Services Building in Tortola, 75,000 sq ft 6 story building in steel with concrete shear walls.

RICHARD G. TAYLOR (CONTINUED)

Lovenlund Condominiums in St. Thomas, 12 – three story buildings with a pool and single story community center, 140,000 sq ft in all. Buildings are reinforced masonry for vertical and lateral loads.

New Control Tower for Beef Island Airport, Tortola. Reinforced concrete tower 85 ft tall.

Lovenlund Condominiums Phase II in St. Thomas, 8 additional three story buildings. Buildings are reinforced masonry for vertical and lateral loads.

UVI St. Croix. Nothwest Wing Additions. 3800 sq. ft. addition to the Golden Grove Estate complex.

Cedar School Tortola. New campus for school from kindergarten to high school totaling 21,000 sq. ft. Steel and blockwork buildings on piled foundations.

Caribbean Consulting Engineers - B.V.I. and U.S.V.I.

1992 to 1997 Principal Engineer
Responsible for all of the firms work in the British and United States Virgin Islands in the structural and infrastructural sectors including ;

- Scrub Island Roads - Topographical survey and design of 2.5 miles of roads with associated drainage works on Scrub Island.
- Nail Bay Cluster Units - Roads. Design of roads and drainage for the first phase of works at Nail Bay, Virgin Gorda.
- Scrub Island Marina - Project included hydrographic and topological surveys and designs for a 60 berth marina within a shallow pond to be dredged and opened to the sea taking into account mitigation measures to protect the environment.
- Little Thatch Island Dock - Design and supervision of construction of a 130 ft long dock with protective measures to minimize the wave effects from the passing ferries.

RICHARD G. TAYLOR (CONTINUED)

- Pockwood Pond Pumping Station - Design and supervision of construction of a braced sheet piled cofferdam to permit excavation for a sea water pumping station. Floor level in the pumping station was 16 ft below sea level.

- Structural design for the 320,000 sq ft Sunshine Mall, St.Croix. Structure is a conventional design utilizing bar joists and joist girders with a combination of moment frames and shear walls resisting lateral forces.

- Structural design for the Wong commercial building, St. Croix. 23,000 sq ft.

- Structural design for the National Food Discount Supermarket and Warehouse, St. Thomas. Building has the cold storage warehouse on the upper floor. 20,000 sq ft.

- Structural design for Soloman's Hotel in Cruz Bay, St. John. A three storey structure utilizing foam blocks as permanent forms for solid concrete walls.

- W.A.P.A. Power Station structural check and upgrade, Richmond St.Croix. Project involved a comprehensive check on the structure of the rigid frame buildings comprising the facility. Work was complex because the buildings were constructed from tapering members, many of which had to be strengthened by the addition of steel plates welded to the flanges.

- Palm Plaza, St. John. Structural design for 17,000 sq ft retail building. This project also utilizes styrofoam blocks as permanent concrete form**.**

- New Cold Storage Warehouse for Road Town Wholesale. This project also utilized the foam blocks and thereby reduced the cost of thermal insulation required.20,000 sq ft.

- Blue Skies Building , Road Town. The contractor and the owner could not reach agreement on the building cost until we recommended the use of the foam blocks. The contractor was then able to reduce his quote to an acceptable level.

RICHARD G. TAYLOR (CONTINUED)

- Long Bay Beach Resort, Tortola. Structural design for the reception building, the suspended tennis courts, the main bar and pool area including the cantilevered pool decks and the associated cisterns. Structural design of the pool side rooms.

Modern Construction Ltd. - Tortola

- Construction Engineer and Technical Advisor (on secondment from David Lashley and Partners Inc.). Primarily involved on the Drakes Highway Sea Defense Project acting as the site agent with responsibility for the contracting operation. February 1991 to June 1992.

David Lashley and Partners Inc. - Barbados

1988	Director / Senior Engineer
1986 - 1988	Senior Engineer

David Lashley and Partners - Barbados

1981 - 1986	Design / Site Engineer
1978 - 1981	Part time undergraduate training