

IAN DAVID HARRISON

SENIOR SITE ENGINEER/SURVEYOR

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Date of Birth: 27 April 1960
Status: Married with two children
Computer Literacy: Competent Microsoft Office business user, Foresight survey programmes and AutoCAD
Qualifications: HND Construction, OND Construction, 'A' levels
Driving License: Full, clean
Nationality: British

SUMMARY

- Successful 'hands on' senior site engineer, land and hydrographic surveyor with over 30 years' experience within construction and civil engineering, over a vast range of projects including, but not limited to, pipeline projects, roads and bridges, new dock facilities, coastal and beach projects – to include land and hydrographic surveys, sea bed surveys, extreme rural virgin mountains, high end resort and luxury villa projects and access road design, dimensional control for all projects
- Seventeen years' experience working on projects throughout the Caribbean with a structural and civil engineering firm based in the British Virgin Islands
- Highly competent in use of engineering and business computer applications: AutoCAD, Foresight survey programmes, Microsoft Office Business
- Sound knowledge of construction methods and construction sequences
- Effective communication, negotiation and interpersonal skills
- Skilled at training and motivating a team to produce quality results in accordance with drawings, project guidelines and specifications, and industry standards
- Hardworking and resourceful self-starter with the ability to work effectively both independently and in team environments
- Ability to work well under pressure and within a fixed budget and stringent timelines

SKILLS

Engineering

Site supervision
Dimensional control
Hydrographic surveys
Coastal surveys
Beach surveys
Topographical surveys
Pre-construction surveys
As-built surveys
Pipeline route surveys
Production of AutoCAD drawings
Foresight survey programmes
Trimble GPS

Professional

Technical excellence
Strategic thinking
Customer-focused
Interpersonal skills
Team player
People management
Balanced Leadership
Staff training
Site supervision
Safety consciousness
Quality assurance
Site decisions
Report Generation

Personal

'Hands on' approach
Works under own initiative
Professional manner
Problem-solving
Resourcefulness
Pro-active approach
Attention to detail
Logical thinking
Analytical thinking
Assessment
Organizational skills

CAREER

SENIOR SITE ENGINEER & SURVEYOR

2000 to present

HISTORY

Systems Engineering Ltd.

MAJOR PROJECTS

Tortola, British Virgin Islands

Responsible for all fieldwork and producing AutoCAD drawings for clients, architects and engineers

Queen Elizabeth The Second Park Tortola BVI: Earthworks supervisor. Hydrographic survey for new docks

Biwater Tortola BVI: Surveyor responsible for surveying pipeline routes for water and sewage both on land (urban and rural virgin mountains) and sea (hydrographic) and producing AutoCAD drawings for Town and Country Planning and Building Authority.

Ross University Dominica: Full topographical survey of 30 acres of an existing medical university for improvements and expansion

Ross University St. Kitts: Full topographical survey of 34 acres of an existing veterinarian university for improvements and expansion

Canouan, the Grenadines: Hydrographic survey for new dock facilities

Anguilla, Viceroy, Conch Bay and SOL: Site engineer for earthworks, roads and villas at Viceroy, engineering surveyor for test pits and ground penetration radar at Conch Bay, topographical survey of existing facilities at SOL petroleum for drainage design

Barbados: Topographical survey for further fuel storage facilities at Grantley Adams International Airport, topographical surveys for west coast developments

Pockwood Pond Power Station Extension Tortola BVI: Working for Rolls Royce Power as their Civils representative on site, in close unison with sub-contractors. Responsible for checking setting out, inspections of drainage and excavation and pre concrete pour inspections. Checking of quality control on site and documents. Producing completion reports, snag sheets and as-built drawings. 2016 Extension: Site engineer responsible for setting out of excavation and buildings for new generators.

Nanny Cay Improvement Project Tortola: Site Engineer. Responsible for initial topographical survey, all setting out and site decisions for new roads, culverts, outfalls, conduits and new 100-ton boatlift

Mooney Bay Virgin Gorda: Topographical survey of 21 acres of property and hydrographic surveys for potential development

Necker Island: Hydrographic survey for new docks

Mosquito Island: Topographical survey for new high end private development, pile setting out and as-builts, earthworks calculations, high tide monitoring

Nail Bay Virgin Gorda: Site Engineer on a seventy-acre residential development. Responsible for topographical surveys for road design and architectural purposes. Setting out of roads and buildings and inspections at various stages of construction. Topographical survey of 65 acres of virgin hillside. Hydrographic surveys for new docks. Topographical survey of 53 acres of Nail Bay Resort

CAREER

HISTORY**MAJOR PROJECTS**
*cont'd***SENIOR SITE ENGINEER & SURVEYOR *cont'd*****2000 to present**Systems Engineering Ltd.
Tortola, British Virgin Islands

New Peebles Hospital Tortola: Phase 1 Bulk Excavation: Sub-consultant to Page Sutherland Page Architects. Making daily visits to site. Ensuring that the works are being carried out in accordance with the drawings and specifications. This includes line and level checks on the 70,000 cu. yd. removal of overburden and rock

Building surveys on St. Croix and Tortola: Dimensional, structural surveys for the assessment of further use and improvement design purposes

Old Hilton Hotel St. Thomas USVI: Topographical survey for the design of a major new Veterans' residential project

CCT Boatphone towers on Jost Van Dyke, Anegada and Tortola: Setting out of holding down bolts for tower legs (zero tolerance) Checking of reinforcing etc.

Scatliffe Ghut improvements Tortola: Full topographical survey of existing ghut, the establishment of datums, elevation checks and volumes calculated on materials both excavated and placed for payments and records

Treasure Isle Tortola: Full land and hydrographic surveys for development purposes

Peter Island: Pre-construction surveys and setting out of luxury villas, luxury spa, roads and helipad. Follow up surveys and as-builts of all rock cuts and construction. Testing of backfill compaction using Troxler NDT

Oil Nut Bay Virgin Gorda: Coastal survey of a 400 acre property to determine the extent of mangroves. Setting out and establishing the best route of three miles of road cuts through virgin terrain

Nanny Cay Tortola: Full topographical survey of Hotel and marina on thirty acres of coastal property. Beach survey to monitor changes in profiles, ongoing on a yearly basis. Setting out and checks on new groyne for the protection of a new beach area.

Cedar School Tortola: Initial survey then setting out of new artificial football pitch and basketball court. Site supervision of contractors.

Money Bay Norman Island: Topographical and hydrographic surveys with sea bed sediment analysis for the design of a new beach area.

Various topographical and hydrographic surveys and setting out: On Tortola, Norman Island, Buck Island, Scrub Island, Jost Van Dyke, Virgin Gorda and Anegada for engineering and architectural purposes. Road designs in AutoCAD.

HISTORY **FREELANCE SITE ENGINEER** **1985 to 1999****MAJOR PROJECTS** United Kingdom*cont'd***HYDROGRAPHIC AND DIMENSIONAL CONTROL SURVEYOR** **1981 to 1985**

J.F Mort (Preston)

Scotland: Oil rig construction and rig moves**Middle East and North Sea:** Pipeline laying, pipeline surveys, rig moves, draughtsman producing pipeline crossing drawings, topographical surveys for new roads.

EDUCATION ▪ **HND Construction**
United Kingdom

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- OND Construction**
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- United Kingdom

EQUIPMENT & SOFTWARE USED ▪ **Total Station and automatic levels**
▪ **Recon data logger**
▪ **"Foresight" survey software**
▪ **Troxler NDT**
▪ **AutoCAD**
▪ **Microsoft Office Business**
▪ **Trimble GPS**

References and supporting documentation furnished upon request