

## Expanding Our Services & Reach

Amarna is constantly aiming to improve on the services we offer to our clients and the public. In our bid to provide a comprehensive service package we added Architectural/3D Rendering and Value Engineering services to our roster of services last year. Today, we have expanded our geotechnical capabilities by starting our own in-house Soils Analysis Laboratory and a Geotechnical Drilling operation.

Our soils laboratory is being developed in two phases. Phase 1 involves a small operation focused on more common tests including Grain Size Analysis, Determination of Water Content, Specific Gravity, Atterberg Limits and Direct Shear in order to determine fundamental parameters for foundation design and slope stability analysis.

Phase 2 of the Laboratory will see the services expand to include other soil tests and in-situ tests, as well as tests for other construction fields such as Proctor Compaction, Dynamic Cone Penetration, In-Situ Density (Electrical Density Gauge), Concrete Compression Tests and much more.



In addition to the opening of our new soils laboratory, we now have the capability to undertake soil and rock sampling at depths up to 200 ft by means of drill rig, including determination of N valves through SPTs.

## Our New Works Throughout the Caribbean

In 2011 Grenada suffered extreme rainfalls which caused damage to their road infrastructure. Six critical locations were identified, in the parish of St. John, for road rehabilitation works which included soil retention structures, culverts, road works, and measures to protect slopes and road infrastructure from similar damage.

In 2016, the Government of Grenada through the Ministry of Communications, Works, Physical Development, Public Utilities, Information Communication Technology (ICT) and Community Development sought out consultants to review

preliminary designs and produce detailed final designs for road and slope stabilization works in the six selected areas throughout Grenada.

At the close of 2016 Amarna, in association with Caribbean Civil Group Limited of The Bahamas and Barry's Engineering Company Limited of Grenada were selected to perform the design work for this project.

In other parts of the Caribbean we were engaged by the OECS Commission to undertake an assessment of audio-visual requirements for the Eastern Caribbean Institute of Tourism (ECIT) and propose recommendations for

retrofitting facilities earmarked for use as virtual classrooms under the NETHTE project, at ECIT partner institutions in OECS Member States – Anguilla, Antigua & Barbuda, British Virgin Islands, Dominica, Montserrat, St. Kitts & Nevis, Saint Lucia, St. Vincent & the Grenadines.

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## Endeavour Magazine

Littlegate Publishing LTD is the publisher of choice for corporate decision makers and boardroom icons seeking the latest business news, profiles and opinion articles. Their benchmark publication, Endeavour Magazine, recently sat down with our Managing Director for the second time in order to catch up with Amarna and the article can be viewed in their March 2017 issue or online at:

<http://www.littlegatepublishing.com/2017/04/amarna-consult-limited-the-power-of-partnerships/>

## Staff Spotlight



**Marlon Borges**  
Structural Engineer

Marlon graduated from the University of Havana Higher Polytechnic Institute with a BSc in Civil/Structural Engineering. Before joining us in 2016, Marlon worked with the Design Company and Engineering of the Ministry of Construction, Structural Designs of Civil Works in Cuba where he worked as a structural engineer on the designs of public roads, office blocks, schools and government housing.

We, at Amarna, were happy to invite Marlon into our family and look forward to him being a vital part to our future expansion into the Spanish speaking Caribbean territories.

## Construction Technologies



### Light Gauge Steel (LGS) Flooring System

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## Contact Us

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## Project Spotlight



Interior 3D image by  
Dannys Delgado

Saffron Hill/Balata Residences is a residential development in St. Lucia which we were contracted to produce both foundation design drawings and 3D photorealistic image and animations which can be viewed at <https://www.youtube.com/watch?v=nngBjVTf6x0>

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