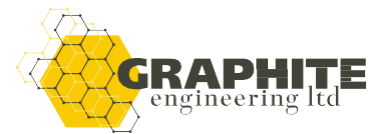


Kristin Martin

Engineering Assistant

kmartin@graphitebahamas.com



▼ Professional Summary

Kristin Martin is currently pursuing a Bachelor of Architecture at the University of The Bahamas while also completing an Associate of Science in Civil Engineering Technology. She is employed at Graphite Engineering as an Engineering Assistant, where she contributes to mechanical, electrical, and plumbing (MEP) design projects with a primary focus on plumbing and LPG design. Through her work, she has assisted in the development of residential, commercial, and institutional projects throughout The Bahamas, gaining experience in plumbing layouts, calculations, sanitary and water distribution systems, LPG design, equipment scheduling, and building systems coordination. She has also gained exposure to HVAC design and analysis software, including CHVAC. Kristin is proficient in software including Revit, AutoCAD, AutoCAD MEP, SketchUp, Twinmotion, and Microsoft Office. She is passionate about building systems engineering and plans to further develop her expertise in MEP design and architectural engineering.

▼ Experience

2025 – Present: Graphite Engineering Ltd, Engineering Assistant

- Assist in the design and coordination of mechanical, electrical, plumbing, and LPG systems for residential, commercial, and institutional projects.
- Prepare plumbing and LPG drawings, layouts, riser diagrams, and equipment schedules using Revit and AutoCAD.
- Perform fixture counts, water demand calculations, water heater sizing, and support building systems design.
- Coordinate building services with architectural and engineering disciplines to ensure efficient and code-compliant designs.
- Assist with HVAC load calculations and analysis using CHVAC software.
- Participate in site visits, field verification, and construction documentation as required.

▼ Key Projects

2026: Albany Sports Field House, Albany, New Providence

- Assisted with the plumbing design of a multi-purpose educational/recreational facility including teaching spaces, commercial kitchens and food service areas.
- Developed sanitary and water distribution systems, fixture schedules, and plumbing calculations

2026: Baha Mar Marketplace, Nassau, New Providence

- Designed plumbing systems for a commercial restaurant facility, including water supply, sanitary drainage, and grease waste systems.
- Developed the LPG layout and distribution system to support commercial kitchen operations.

2025: Rock Sound Clinic, Rock Sound, Eleuthera

- Prepared building models and GBXML exports for HVAC load analysis.
- Performed HVAC load calculations and system analysis using CHVAC software.
- Assisted in evaluating building cooling requirements to support HVAC system design.

2025: Tipsy Bar, Treasure Cay, Abaco

- Developed building models and generated GBXML files for HVAC analysis.
- Performed cooling load calculations and HVAC system analysis using CHVAC software.
- Assisted in determining system requirements to support efficient building climate control.

2025 – Present: Large- and Small-Scale Residential Projects

- Designed plumbing systems for a variety of residential developments throughout The Bahamas.
- Prepared domestic water distribution, sanitary drainage, and venting system layouts and drawings.
- Developed LPG system designs for residential projects where required.
- Produced construction drawings and coordinated building services using Revit and AutoCAD
- Prepared building models and GBXML exports for HVAC load analysis.
- Performed HVAC load calculations and system analysis using CHVAC software.

▼ Education

2020- Present

University of The Bahamas, Oaks field, New Providence

Associates of Science in Civil Engineering Technology (ASc)

Bachelors of Architecture (B.ARCH)

2008-2020

Bishop Michael Eldon School, Freeport, Grand Bahama

High School Diploma

▼ Skills

- Detail-oriented with a strong focus on accuracy, quality control, and design coordination.
- Proficient in plumbing and LPG systems design, including water distribution and sanitary drainage systems.
- Skilled in the preparation of engineering drawings and construction documentation using Revit and AutoCAD.
- Effective communicator with the ability to collaborate within multidisciplinary project teams.
- Familiar with HVAC load analysis and building performance evaluation using CHVAC software.
- Excellent time management and multitasking abilities.