

JAMES LEWIS BROWN, P.E.

EDUCATION

Master of Engineering in Civil Engineering (Geotechnical) - University of Florida - Gainesville, FL 2013

Bachelor of Science in Civil Engineering - University of Florida - Gainesville, FL 2012

REGISTRATIONS & CERTIFICATIONS

Registered Professional Engineer:

- Florida # 83320
- Louisiana #48036

PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers (ASCE)

Florida Engineering Society (FES)

CONTINUING EDUCATION

Courses and Certifications completed in the following:

- Forensic Engineering 9th Congress, ASCE, 2022
- JC Code & Construction Consultants, Inc.
 - Florida Building Code Training; 2023
 - Florida Building Code Continuing Education; 2019
- Halfmoon Education Inc.
 - Structural Forensic Engineering; 2019
- HAAG Engineering Company
 - HAAG Certified Inspector (HCI) Course on Commercial Roofs V2; 2022
 - HAAG Certified Inspector (HCI) Course on Residential Roofs V2; 2019
- National Academy of Forensic Engineers (NAFE)
 - Summer Conference Technical Program; 2019

CAREER HISTORY

FORCON International – Civil Engineer

Providing forensic engineering services regarding structural and roofing damage, moisture intrusion, building envelope and construction defects.

Milton Engineering Consultants, P.A. – Project Engineer

Responsible for performing damage assessments of commercial and residential structures including wind and storm damage, fire damage, and damages associated with building envelope failures resulting in water infiltration. Also perform investigations associated with construction faults, failures and defects, as well as code compliance determinations.

Wood Environment & Infrastructure Solutions, Inc. – Project Engineer

Responsibilities included performing the planning, execution, and review of laboratory analysis; geotechnical analysis; evaluation of field and laboratory test data; preparation of technical reports containing recommendations for the design of construction development, inspection, evaluation of bridges, dams, levees, and culverts; and development of custom maintenance of traffic plans. Field work included deep foundation load testing (static and dynamic), Pile Driving Analyzer (PDA) monitoring, inspections of pile installation and seepage cut-off wall installation, and insitu soils testing. Experience also included technical analyses of geotechnical conditions, including deep and shallow foundation performance, and slope stability analysis.

FORCON INTERNATIONAL

Milton Engineering Consultants, P.A. - Engineering Intern

Assisted with investigation and analysis of damage assessments and researched permitting records for construction documents. Participated in field inspections of residential and commercial buildings including roofs, foundations and interiors to document extent of damages. Assisted in the preparation of investigative reports by generating various AutoCAD drawings, tabulating field data, and verified structural engineering design calculations.