



Keith B. Caballer-Diaz, Assoc. AIA, WACH

Founder & CEO | Principal Consultant

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PROFESSIONAL PROFILE

Mr. Caballer holds a degree in architecture with over five years of experience in design, administration, and documentation of Architecture, Engineering, and Construction (AEC) projects. He specializes in pedestrian and floor safety, including slip resistance and coefficient of friction (COF) testing. He also performs scientific investigations and failure analysis of the designed and built environment for project-specific matters, including the review of code compliance, accessibility guidelines, and walkway safety standards. His expertise in premises safety and building code matters extends not only to residential and commercial buildings but also encompasses his experience with cruise ships and other large passenger vessels. Mr. Caballer's architectural background and experience with the National Floor Safety Institute have been key in his premises safety audits & forensic risk assessments regarding slip, trip, and fall cases.

Prior to founding Build Safe Designs, Mr. Caballer investigated hundreds of incidents, including over 600 slip-and-fall, trip-and-fall, and code compliance analyses. Additionally, Mr. Caballer performed numerous building damage assessments as part of emergency disaster response efforts following Hurricane Maria and its impact on Puerto Rico's public infrastructure. These assessments included schools, hospitals, government buildings, churches, and private non-profit and special education institutions. In addition, Mr. Caballer worked for GE Healthcare as a Project Manager and Lead Design Intern, where he gained first-hand exposure to hospital construction methods, materials, and building codes for spaces housing medical imaging equipment.

During Mr. Caballer's time working for the Federal Emergency Management Agency (FEMA) and ICF International Consulting, he applied various data collection techniques, such as thermal imaging, laser scanning, and drone photogrammetry, to aid in building and roof inspections.

CORE AREAS OF PRACTICE

- Walkway safety audits and evaluations
- Slip, trip, and fall investigations
- Coefficient of friction (COF) testing
- Building code and accessibility review
- Maritime vessel inspections and safety audits
- Reality Capture, Laser Scanning, Drone Modeling

EDUCATION

- Bachelor of Architecture (B. Arch.) Polytechnic University of Puerto Rico, 2021
- Master of Science in Human Factors, Embry-Riddle Aeronautical University, 2028 (Ongoing)

LANGUAGES

- English, Fluent
- Spanish, Native

CERTIFICATIONS AND CONTINUING EDUCATION

- Classification and Statutory Surveys for Maritime Vessels, Lloyd's Register, December 2025 (40-hour course)
- Walkway Auditor Certificate Holder (WACH), National Floor Safety Institute, 2023
- Certified XL Tribometrist (CXLT), Excel Tribometers, 2023
- Level 1 sUAS Thermography Certification, Infrared Training Center, 2022
- Certified GruvLok Coupling Pipe Fitting Inspector, Anvil International, 2022
- Fall Protection Training, Turner Consulting and Training Services, 2022
- FARO Focus Certified Operator, FARO, 2020
- Certified Part 107 Drone Pilot, FAA, 2019
- FEMA Disaster Management Training Courses IS-1001 through IS-1024, 2019

AFFILIATIONS

- American Institute of Architects – Associate AIA Member
- ASTM International – F13 Committee on Pedestrian Walkway Safety and Footwear
- ASTM International – F25 Committee on Ships and Marine Technology
- National Floor Safety Institute – B101 Main Committee Member

PROFESSIONAL EXPERIENCE

Build Safe Designs LLC

Founder | Principal Consultant | 2026- Present

Engineering Systems Inc. (ESi), Miami, Florida

Senior Staff Consultant | 2020 – 2026

ICF International, San Juan, Puerto Rico

Building Enclosure Consultant | 2019 – 2020

GE Healthcare, San Juan, Puerto Rico

Project Manager and Lead Designer Intern | 2012 – 2014

REPRESENTATIVE EXPERIENCE

Maritime and Cruise Ship Work

- Participated in cruise ship dry dock operations for MSC Cruises at Palumbo Shipyards, Malta.
- Conducted flooring evaluations and COF testing on surfaces scheduled for demolition while preserving evidentiary integrity and proper documentation.
- Worked under the oversight of Bureau Veritas in connection with legal and maritime safety compliance considerations.
- Participated in vessel safety checks, emergency drills, and construction/remodeling coordination in active shipyard environments.

Disaster Response and Building Damage Assessment

- Performed hundreds of building damage assessments related to Hurricane Maria recovery efforts in Puerto Rico.
- Evaluated schools, hospitals, government buildings, churches, and other facilities as part of emergency disaster response operations.

Reality Capture and Inspection Technologies

- Used thermal imaging, laser scanning, and drone photogrammetry to support building and roof inspections.
- Applied field documentation technologies to inspection, assessment, and evidence collection workflows.

Footwear Evaluation and Testimony – Motion for Spoliation (*Fisher v CCL*)

- Identified spoliated evidence in a federal court case
- Provided testimony on the role of footwear in a slip-and-fall incident and successfully defended findings under examination
- Supported the successful ruling of sanctions before the Honorable Judge Enjoliqué A. Lett

PUBLICATIONS AND PRESENTATIONS

"The Relationship between Code Requirements & Human Factors/Biomechanical Aspects of Slip, Trip, and Fall Incidents," co-author/presenter, 2023 NFSI Slip, Trip, and Fall Prevention Symposium.

"The Expert Investigation Lifecycle: Passenger Claims in Maritime Slip and Fall Litigation," guest lecturer, Cruise Law, St. Thomas University School of Law (Admiralty Law Program), April 2026.