



Joseph (Jody) D. Gaskin, P.E.

Forensic Engineer

Jody Gaskin has over 20 years in civil and structural engineering experience in the design of residential, light commercial, and industrial structures. This design experience includes evaluation of structural requirements, structural analysis, preparation of plans and specifications, report preparation, and observations of project site conditions. Forensic experience includes identifying structural deficiencies during various phases of construction, and providing comprehensive solutions for corrective repair. This forensic experience involves the assessment of project plans and specifications, industry standards, product manufacturer data, and code compliance research.

Education

- Bachelor of Science in Civil Engineering, Clemson University, 1994

Professional Organizations

- Structural Engineers Association of South Carolina – Greenville Chapter (SEA); Current President

Professional Licenses

- Licensed Professional Engineer: South Carolina, North Carolina, Georgia, New York

Previous Experience

- Ingenium Engineering, LLC
Principal / Owner; 2003-2012
- Ward Edwards, Inc.
Project Manager; 2002-2003
- Nivens Engineering Design Group, Inc., Project Engineer; 1994-2002

Principle Areas of Practice

- Structural Assessments
- Structural Analysis & Design
- Building Envelope
- Roof Systems
- Deficient Construction
- Personal Injury

Structural Assessments

- Investigation of numerous residential and light commercial structural framing and foundation systems to assess structural deficiencies; SC
- Condition Assessment of structural systems for large industrial facility; SC
- Investigation of CMU retaining wall failure; SC
- Investigation of boulder retaining wall failure; SC

Structural Analysis and Design

- Light-frame wood residential and commercial structures.
- Coastal Hazard Areas High Wind/Flood Design for Hurricane Resistance Compliance.
- Structural Steel Frame Design
- Reinforced Concrete Design, Concrete Masonry Unit (CMU) Design, and Insulated Concrete Form (ICF) Design experience.
- Elevated Coastal Foundation Design experience.
- Metal Building Foundation Design experience.

Building Envelope

- Investigation of brick veneer installation on single family and multi-family residential structures; SC
- Investigation of vinyl siding installation on single family and multi-family residential structures; SC
- Building Envelope investigation for eight-story reinforced concrete condo building – roof, stucco cladding, brick veneer cladding, windows, doors, and balconies; SC

Roof Systems

- Investigation of roof installations on single family and multi-family structures; SC

Deficient Construction

- Investigation of various structural, building envelope, pavement, site development, waterproofing, fire protection, and life-safety related deficiencies at multi-family residential developments; SC
- Investigation of various structural and building envelope related deficiencies at single family residence; SC
- Investigation of storm water management, pavement, and common element deficiencies at large single family development; NC

Personal Injury

- Investigation of a slip and fall at retail establishment; Myrtle Beach, SC
- Investigation of a slip and fall at shopping mall; Myrtle Beach, SC
- Investigation of a slip and fall on wooden stairs at residence; Rock Hill, SC
- Investigation of a slip and fall on painted driveway surface; Inman, SC

Presentations

- “Fundamentals of Foundations: Getting Down to Earth” CSE Load Path Seminar, Clemson, SC, November 9, 2015