



(JOSEPH) JODY D. GASKIN, PE

SENIOR PROJECT ENGINEER

FORENSIC ENGINEERING | CONSTRUCTION SCIENCE | ROOF CONSULTING



UPDATED: February 2023
YEARS WITH FIRM: 9
YEARS IN INDUSTRY: 28

EDUCATION

Clemson University | Clemson, SC
Bachelor of Science, Civil Engineering, 1994

PREVIOUS EXPERIENCE

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

REGISTRATIONS

Professional Engineer: GA #PE035320
Professional Engineer: NC #043069
Professional Engineer: NY # 092257
Professional Engineer: SC #19464

PROFESSIONAL ORGANIZATIONS

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

PRINCIPAL AREAS OF PRACTICE

- Structural Assessments
- Structural Analysis and Design
- Building Enclosure
- Roof Systems
- Deficient Construction
- Personal Injury

Jody has over twenty-eight (28) 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 through the assessment of project plans and specifications, industry standards, product manufacturer data, and code compliance research.

STRUCTURAL ASSESSMENTS

- Investigation of numerous residential and light commercial structural framing and foundation systems to assess structural deficiencies | State of 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 + 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 ENCLOSURES

- 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 Enclosure investigation for (8) 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 enclosure, pavement, site development, waterproofing, fire protection, and life-safety related deficiencies at multi-family residential developments | SC
- Investigation of various structural and building enclosure 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 CASES

- 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

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