



**DANO HOLLAND, P.E.**

## **EDUCATION**

Clemson University - Clemson, South Carolina, Bachelor of Science in Civil Engineering  
1992

## **PROFESSIONAL REGISTRATIONS & AFFILIATIONS**

Professional Engineer Licensed in Virginia, Maryland and Washington, D.C.

International Institute of Building Enclosure Consultants

National Society of Professional Engineers

International Code Council

National Council of Examiners for Engineers and Surveyors

## **CAREER HISTORY**

**Holland Forensic Engineering Group, PLC**, N. Chesterfield, Virginia (2018-Present)

Principal & Lead Forensic Engineer

Conduct structural forensic engineering investigations and provide expert witness testimony for cases involving property damage and the structural integrity of single and multi-family residential structures, office buildings, churches, warehouses, medical facilities, hotels, manufacturing facilities, parking decks, shopping centers, schools, agricultural structures and industrial facilities, as well as water intrusion issues, exterior envelope issues, building code compliance, slip, trip and fall investigations, roofing failures, construction defects, retaining wall failures, construction collapses, floor system issues and water damage evaluation.

**FORCON International – VA, Ltd.**, Richmond, Virginia (2004-2018) - Lead Forensic

Civil/Structural Engineer

**Industrial Turnaround Corporation**, Chester, Virginia (2002-2004) – Project Manager

**Boozer Lumber Company**, Columbia, South Carolina (2002) - Engineering Manager

**Suitt Construction Company**, Richmond, Virginia (1995-2002) - Project Manager -

Asst. Project Manager - Project Engineer

**Tindall Concrete Virginia**, Petersburg, Virginia (1992-1995) - Project Engineer

## **PROFESSIONAL EXPERIENCE**

### **FORENSIC INVESTIGATION**

- Structural forensic engineering investigation
- Building code and ADA compliance of structures and related components
- Roof assessment and damage investigations
- Cause and origin of water infiltration and the presence of moisture in structures

- Evaluation of construction deficiencies
- Flood damage investigations
- Chimney failures
- Cracking in masonry and concrete structures
- Timber construction failures and deficiencies
- Retaining wall failures
- Construction collapses
- Water leaks in foundation walls and roofs
- Wind and storm damage investigation
- Structural assessment of buildings damaged by storms, fire, and vehicular impacts
- Evaluation of floors and related structural systems
- Water damage investigation
- Construction dispute analysis and assessment
- Evaluation of structures for damage related to earthquakes, ground movement, and vibration

### **CONSTRUCTION PROJECT MANAGEMENT**

- Responsible for the successful implementation, completion and profitability of projects up to seventeen million dollars
- Interpreted contract drawings and specifications to assure that construction conformed to applicable design and contract requirements
- Responsible for the overall coordination and management of project services including cost control, document control, scheduling, safety, quality control and contract administration
- Responsible for daily interaction and coordination with clients/owners
- Supervised and managed project staffs consisting of design consultants, superintendents, assistant superintendents, project engineers, site clerks, craft foremen and their crews as well all subcontracted labor
- Coordinated the functions of engineers, architects, contractors and client's personnel.
- Managed and reviewed all submittals, shop drawings, change orders, quantity surveys and document control
- Developed and maintained CPM construction schedule and monitored project to assure adherence with schedule
- Helped develop project engineers and assistant project managers
- Expedited pre-purchased equipment, materials and fabricated items
- Conducted progress and design review meetings
- Practiced daily dispute resolution, claim avoidance and risk management
- Performed client invoicing and managed project cash flow

## **DESIGN**

- Designed structural precast concrete systems for parking decks, warehouse, manufacturing, and distribution facilities, food and chemical processing facilities in VA, NC, SC, GA, MD, and DE
- Developed construction drawings for use by internal and external contractors
- Supervised and scheduled assigned drafting staff
- Managed the smooth flow of design information among all internal departments, as well as outside agencies, as it pertained to specific projects
- Served as field engineer on projects and performed initial layout and coordination among general contractor, erection crew, and engineering
- Performed constructability reviews and made recommendations for change
- Monitored and reviewed designs and quality of services
- Addressed engineering concerns and coordinated the remedial repairs requested by clients and outside contractors

## **SALES AND ESTIMATING**

- Assisted in sales efforts and presentations of potential projects
- Assisted in proposal development
- Developed and maintained network of subcontractors, vendors and engineers to deliver services
- Estimated and developed costs of prospective projects
- Fostered and developed continuing relationships with established and potential clients
- Developed value engineering alternatives and evaluated associated financial affect
- Developed preliminary project capital budgets for clients

## **PURCHASING**

- Developed bid packages, project deliverables, scopes of work and solicited bids
- Drafted and executed subcontracts, purchase orders and change orders
- Assured compliance with required regulations, licenses and insurance coverage
- Negotiated claims and change orders
- Negotiated and awarded subcontracts