

# FORCON INTERNATIONAL

**MICHAEL NOLAN, PE**

## **SUMMARY**

Licensed professional structural engineer with a wide range of experience in both commercial and residential design. An emphasis on wood construction techniques and remediation of existing wood structures to meet current building requirements. Providing limited professional testimony for various clients as related to residential construction techniques, standard scopes of work for various trades and proper remediation of structures.

## **EDUCATION**

Southern Polytechnic State University - Bachelor of Science in Civil Engineering Technology, Structural Major.

## **PROFESSIONAL LICENSE'S**

Professional Engineering License, 2003  
ICC Certified Building Code Official, License #5178520-B6  
ICC Certified Mechanical Code Official, License #5178520-M6  
ICC Certified Plumbing Code Official, License #5178520-P6  
ICC Residential Elector Inspector, License #5178520-E1  
ICC Combination Inspector, License #5178520-R5  
ICC Building Inspector, License #5178520-B5  
ICC Plumbing Inspector, License #5178520-P5  
ICC Mechanical Inspector, License #5178520-M5

## **PROFESSIONAL EXPERIENCE**

### **Residential Investigations**

Contracted with various national builders, individual homeowners and insurance companies to investigate various issues related to residential construction. Clients included DR Horton Home's, KB Homes, Pulte Homes, Centex Homes, and various individual homeowners and small scale builders. These investigations varied in scope from sub-surface soil exploration for foundation settlement issues to providing structural remediation plans for fire damaged structures. Remediation work included overview of on-site repairs to ensure compliance with structural recommendations, providing scopes of work to clients, and contract reviews to ensure proper and complete procedures for remediation work.

Professional testimony for clients has been provided for investigative work as related to structural issues and scopes of work. This includes performance and standards of remediation procedures as provided by clients.

# FORCON INTERNATIONAL

## **Residential Inspections**

Certified Building Official, contracted with various municipalities and builders to perform state required inspections of new construction. Municipalities include Fulton County, City of Sandy Springs, Gwinnett County, City of Kennesaw and Forsyth County. Inspections performed covered every aspect of new construction from foundation review, framing, plumbing, mechanical and electrical approval to providing final Certificate of Occupancy. Approximately 4000 new construction inspections were performed between 2000 and 2008.

## **Professional Training**

Organized and conducted professional seminars for various professional organizations and individual corporations. Seminars focused on proper construction techniques as related to new and existing residential buildings. Special emphasis was placed on code compliance and cost issues resulting from inadequate/sub-par construction as related to warranty work and litigation.

## **Design Work**

Performed a wide range of design work including designs in wood, steel, concrete, masonry and various non-standard materials. Designs have included numerous retail centers, a majority of the Publix and Kroger stores built in the Atlanta metro area during the mid 1990's, various multistory hotels including several four and five story Wingate Inns located in Georgia and Florida, and various light and heavy industrial buildings. Specialty design work includes structural design of various mechanical lifting devices for Yamaha Manufacturing Corporation, remediation design for several tall highway signs for Chick-Fil-A Corporation and design and placement of the new multi-media scoreboard at Auburn University Stadium.