



## Georgia Service Center

**Douglas M. Locker, P.E.**

*Forensic Engineering Consultant*

Atlanta, Georgia

770-246-0026

### **EDUCATION:**

Georgia Institute of Technology  
Atlanta, Georgia  
Bachelor of Mechanical Engineering, 1981  
Cooperative Plan w/ Honors

### **EMPLOYMENT:**

UNIFIED INVESTIGATIONS & SCIENCES, INC.  
Atlanta, Georgia  
June 2007 to present

Forensic Engineering Consultant - Responsibilities include the evaluation of failures and malfunctions of mechanical equipment, structures, devices, appliances and systems that result in loss or injury. Perform failure analysis, reparability assessment and product design evaluation of mechanical systems, products and appliances. Comprehensive expertise relative to residential building construction defects and building code adherence.

ARTISANS OF ATLANTA, INC.  
Atlanta, Georgia  
1993 to 2007

President – Founded a full service renovation firm specializing in renovation and restoration of older residential buildings and historical structures. Company provided design, consulting, engineering and construction services in the Atlanta area.

## EMPLOYMENT (CON'T):

Responsibilities included structural analysis and design, mechanical systems analysis and design, structural remediation, building code assessment, equipment problem determination, and business management. Served as a witness and arbiter in construction defect cases.

### INTERNATIONAL BUSINESS MACHINES, INC.

Atlanta, Georgia

1981 to 1993

Held a wide array of technical, marketing and management positions, all of which involved the integration of complex computer systems for IBM's largest customers. Last position held was that of Chief Information Officer (CIO) for an \$800 million division within IBM.

### SCIENTIFIC ATLANTA

Atlanta, Georgia

1979 to 1981

Mechanical Engineer - Cooperative Plan while attending Georgia Tech. Worked directly with chief mechanical engineer on drafting and design of mechanical systems for company's antenna line of business. Developed computer models to simulate catastrophic events.

### HARTRAMPF/POWELL CONSULTING ENGINEERS

Atlanta, Georgia

1978-1979

Mechanical Engineering Draftsman – Cooperative Plan while attending Georgia Tech. Developed and produced HVAC drawings and specifications for commercial HVAC systems.

## **EMPLOYMENT (CON'T):**

US ARMY CORPS OF ENGINEERS  
Annapolis, MD  
1977 to 1978

Test Engineer – Cooperative Plan while attending Georgia Tech.  
Worked on 14 acre concrete model of the Chesapeake Bay.  
Attended to control systems to simulate fresh and salt water inlets  
and ocean tides for the model.

## **SPECIALIZED TRAINING:**

- Unified Investigations & Sciences, Investigative Procedures Class, October 2007, Dallas, TX, 40 hours
- National Association of Home Builders, 2006 International Residential Code Update, August 2007, Atlanta, GA 16 hours
- Auburn Engineering Extension, Slab on Grade Concrete Construction, June 2007, 8 hours
- Auburn Engineering Extension, Designing with Wood, July 2006, 8 hours
- Auburn Engineering Extension, Allowable Stress Design for Wood Construction, July 2006, 8 hours
- Auburn Engineering Extension, Construction Surveying, June 2005, 8 hours
- Auburn Engineering Extension, Establishing Your Engineering Practice, May 2004, 8 hours
- National Association of Home Builders, Basic Engineering Calculations for Contractors, Atlanta, GA, May, 2003, 16 hours
- National Association of Home Builders, Warranty Workshop, Atlanta, GA, May 2002, 8 hours

**PROFESSIONAL ORGANIZATIONS:**

- American Society of Mechanical Engineers
- National Association of Home Builders

**LICENSES AND REGISTRATIONS:**

- Georgia – Professional Engineer, License No 15940
- Tennessee – Professional Engineer, License No. 111718
- Georgia – Licensed Residential and Light Commercial Contractor