

**J. Barton Weeks, MS, MBA, PE, M. ASCE, HERS, CGP**  
**President**  
**Weeks Engineering Construction & Consulting, LLC**

**EDUCATION:**

Samford University, Birmingham, AL  
Master of Business Administration, May 1996, GPA - 3.73

Virginia Polytechnic Institute and State University, Blacksburg, VA  
Master of Science in Civil Engineering (Structural Program), December 1989, GPA - 3.86

Auburn University, Auburn, AL  
Bachelor of Science in Civil Engineering, March 1988, GPA - 3.80, Cum Laude

Tulane University, New Orleans, LA  
Civil Engineering, Fall 1983 - Fall 1984, GPA - 3.80

**WORK EXPERIENCE:**

Thirty-two years' experience in structural and civil engineering and industrial, residential and commercial construction. Engineered and constructed over 70 complex remodeling projects and more than 20 residential homes. Performed home inspections, infrared inspections, structural inspections, building code analysis, failure analysis, building envelope analysis, home energy ratings, and special construction inspections for owners, builders, and attorneys. Experienced in the design of multi-story buildings, foundations, frameworks, and equipment enclosures. Serve as principal design engineer, construction manager, and business consultant on projects from residential to large industrial structures. Responsible for client contact and design means and methods. Responsible for technical leadership, construction drawings and specifications, engineering budget and schedule, and client and vendor contact.

Performed civil and structural analysis and design calculations for residential, commercial, and industrial buildings using steel, concrete, masonry, timber, pre-stressed / post-tensioned concrete, reinforced fiberglass, aluminum, and cold-formed steel. Reviewed shop drawings, provided site assessment of damaged building frameworks, and property inspections. Utilized computer applications for structural analysis, roadway design, bridge design and storm drainage analysis. Have performed field surveys for residential construction, bridges, and roads. Supervised field personnel, procured materials, estimated material and labor quantities and costs, and scheduled construction sequence and timeline using project management software.

Prior employment includes work experience with *Raytheon Engineers and Constructors, Birmingham, AL, Fluor Daniel, Inc., Cincinnati, OH, Mark Diversified, Inc., Sacramento, CA, Gresham Smith & Partners, Nashville, TN, Turner Engineering Company, Nashville, TN.*

**UNIVERSITY HONORS & ACTIVITIES:**

Auburn University Civil Engineering Outstanding Student of the Year, 1987  
Alabama ASCE Student Engineer of the Year, 1987  
Auburn University Alternate Outstanding Engineering Graduate, Winter Quarter 1988  
Phi Kappa Phi, National Honor Society  
Tau Beta Pi, National Engineering Honorary, Secretary 1986-1987  
Chi Epsilon, Civil Engineering Honorary, President 1987-1988

**PROFESSIONAL & COMMUNITY ACTIVITIES:**

Registered Professional Engineer, Alabama  
Registered Professional Engineer, Ohio  
Licensed Alabama Home Builder and Remodeler  
Registered Alabama Home Inspector  
Certified Green Professional (CGP)  
Home Energy Rater (HERS Rater)  
U.S. Green Building Council, Member  
International Code Council (ICC), Professional Member  
American Society of Civil Engineers (ASCE), Member  
Structural Engineering Institute (SEI), Member  
Greater Birmingham Association of Home Builders (GBAHB), Member  
National Association of Home Builders (NAHB), Member  
Structural Engineers Association of Alabama (SEAOAL), Member, Secretary/Treasurer - 1998, 1999  
American Concrete Institute (ACI), Professional Member  
American Institute of Steel Construction (AISC), Professional Member  
American Forest & Paper Association's American Wood Council (AWC), Professional Member

**PRESENTATIONS & PAPERS:**

*Residential Construction for the new Millennium*, Birmingham Parade of Homes, 1999  
*Internet and Intranet Webs: Successful Design and Management for the Engineer and Contractor*, Auburn University Extension Center, 1998  
*Masonry Construction*, Auburn University Extension Center, 1998  
*Design of Engineered Masonry*, Structural Engineers Association of Alabama, 1998  
*Concrete Construction*, Auburn University Extension Center, 1997, 1998  
*Timber Construction*, Auburn University Extension Center, 1997, 1998  
*Steel Construction*, Auburn University Extension Center, 1996, 1997  
*FrameWorks Plus in a Production Environment*, Fall IGUG, 1996  
*A Steel Design Comparison: LRFD vs. ASD*, Virginia Polytechnic Institute and State University, 1989