

FORCON INTERNATIONAL

DAVID LEWIS HILDEBRAND, P.E.

EDUCATION

Bachelor of Civil Engineering - 1976 - Southern Technical Institute

PROFESSIONAL REGISTRATIONS

Florida - 39952

Georgia - 16382

Kentucky - 13311

Texas - 56085

Alabama - 2706

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineering
American Consulting Engineers Council
Council of American Structural Engineers
Concrete Reinforcing Steel Institute
Consulting Engineers Council of Georgia
Structural Engineers Association of Georgia
International Concrete Repair Institute

SUMMARY

Mr. Hildebrand has 25 years of experience in engineering management and design encompassing low, mid, and high rise commercial and residential; low to mid-rise institutional; and light industrial structures. Through this experience and continuing education Mr. Hildebrand has developed a high degree of proficiency with many different types of building materials including conventionally reinforced concrete of both precast and cast in place types, standard and high strength steels, plain and reinforced masonry, light and heavy timber, and aluminum. These materials have been employed in many different structural applications to include flat plate, flat slab, joist and beam, bearing wall, shear wall, rigid frame, and braced frame construction. Varying soil, rock and loading conditions have required Mr. Hildebrand to utilize many different foundation systems to include spread footings, strip footings, conventionally driven steel and timber piles, auger-cast piles, injection piles, straight shaft caissons, belled caissons, and mat foundations.

Mr. Hildebrand spent six years of his career as a project manager in the construction industry. These years have given him added insight and understanding of labor, management and construct-ability problems contractors must deal with during a construction project. This insight and understanding is a tremendous aid in development of new and better designs, as well as in solving problems created by poor designs and/or construction.

Additionally, Mr. Hildebrand has provided complete systems analysis and evaluation of manufactured building components for certification of compliance by the governing code authority.

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REPRESENTATIVE PROJECTS

- Ross's Landing Plaza and Tennessee Aquarium - Chattanooga, TN. Recipient of the *American Society of Civil Engineers* "Award of Engineering Excellence"
- Catoosa County Civic Center, Chattanooga, TN. - Steel framed Convention Hall and Performing Arts Center
- Chattanooga Paper Board, Chattanooga, TN. - Renovation and reconstruction of steel framed paper manufacturing facility.
- Chattanooga News Free Press, Chattanooga, TN. - Multi-story steel and concrete press room
- 18 Meter Satellite Antenna Mount, Locations World Wide.- Support structure for large diameter, steerable satellite antenna.
- Pelican Beach Condominiums, Destin FL. - 19 story concrete structure with two-way slab system.
- World Headquarters Building Church of God - Cleveland, TN. 5 story concrete
- Tennessee Temple Women's Dorm, Chattanooga, TN. - 5 story masonry and concrete
- Chattanooga Choo-Choo Hilton, Chattanooga, Tn. - 10 story masonry and concrete
- Memorial Hospital Doctors Building and Parking Deck, Chattanooga, Tn.
- Chattanooga Container Corp. Warehouse - Chattanooga, Tn. 1 story tilt-up concrete and steel
- Structural Investigations and Condition Surveys private owners, condominium associations, insurance companies, and lawyers. Includes development of remediation documents, construction bid documents, and review of completed work.