

Resume Of

**Thomas F. Ireland, P.E.**  
**Senior Project Manager**

**EDUCATION:** Bachelor of Civil Engineering –1984  
Tennessee Technological University,  
Cookeville, Tennessee

**REGISTRATION:** Registered in the State of Tennessee

**AFFILIATIONS:** American Institute of Steel Construction,  
American Concrete Institute

**SUMMARY:** Mr. Ireland has extensive experience in the analysis and design of residential, commercial, industrial and institutional buildings as well as outdoor advertising structures. He has designed projects utilizing structural steel, reinforced concrete, masonry and timber.

**EXPERIENCE:**

East Hamilton Middle/High School, Apison, TN  
Winner of the Tennessee School Board Association 2990 School of the Year: Excellence in Architectural Design for both the Middle and High School Category.

Nolan Elementary School, Signal Mountain, TN  
Single-story structure utilizing load bearing masonry walls and steel roof trusses.

Heritage Middle School, Ringgold, GA  
Single-story structure utilizing load bearing masonry walls, hollow core plank flooring and steel trusses.

Chattanooga Trade and Convention Center Expansion, Chattanooga, TN  
State of the art facility utilizing custom trusses spanning up to 250 feet.

North Patient Room Addition – Memorial Hospital, Chattanooga, TN  
Four-story structure utilizing concrete skip joists and concrete shear walls.

Residence Hall for Baylor School, Chattanooga, TN  
Three-story wood-framed structure overlooking the Tennessee River.

University of Tennessee Chattanooga Natatorium, UTC Campus, Chattanooga, TN  
State of the art indoor swimming pool facility utilizing cast-in-place concrete walls and floors. The roof has long span joists, acoustical metal deck and precast concrete beams.

Challenger Space Center, Chattanooga, TN

Single-story structure utilizing load bearing masonry and exposed steel framing. A learning and teaching center for all age students.

St. Peter's Episcopal Church Addition, Chattanooga, TN

Two-story addition to a historical church. The addition utilized load bearing masonry, hollow core planks, and structural steel while matching the existing church's aesthetics.