



## STRUCTURAL PROJECTS

### 1. RESIDENTIAL DESIGN

TX, LA, MS, AL, FL, GA, TN, SC, NC, VA, MD, MI, DC

- Please call for reference and contact information
- Our structural design team employs state of the art engineering computer software capable of performing three-dimensional and finite element analysis, when necessary, to aid in the design of concrete slabs, individual concrete, steel, aluminum, and wood beams, foundations, retaining walls, connections and all other elements of concrete steel, aluminum and wood frames. Licensed in 12 States and the District of Columbia we work closely with architects, designers, planners, surveyors, engineers, contractors and more to develop cost-efficient designs tailored to meet the project goals in a timely manner.



### 2. COMMERCIAL DESIGN

Restaurant & Bar, Santa Rosa Beach, FL

- Gallion Construction – Santa Rosa Beach, Florida
- Please call for contact information
- Project Manager: Mr. Neill O'Connell, PE
- Performed design calculations and developed detailed construction drawings for a two-story commercial building and tower, complete with rooftop bar. The design included the structural foundations, custom heavy-timber roof trusses, floor and roof plans, cross sections and all associated connection details.



### 3. MUNICIPAL DESIGN

Vertical Turbine Pump Station, Freeport, FL

- Regional Utilities – Santa Rosa Beach, Florida
- Please call for contact information
- Project Manager: Mr. Neill O'Connell, PE
- Managed the design and construction of a 14,000 GPM @ 250 TDH vertical turbine pump station. Services included all regulatory permitting, development of project specifications and bid packages, solicitation of material and construction bids, review contractor and material supplier pre-qualifications and recommendation for contract award.

