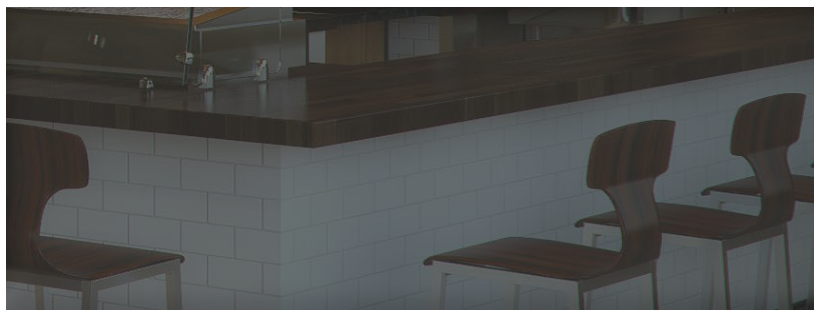
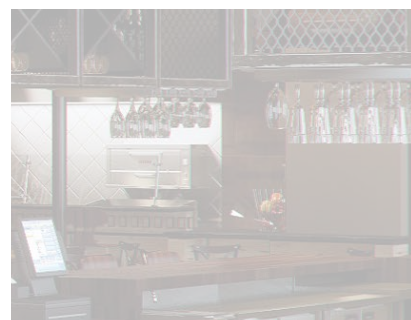


ENGINEERS

CONSULTANTS

DESIGNERS

SURVEYORS



COMMERCIAL

FULL DISCIPLINE CONSTRUCTION ENGINEERING



NOTABLE PROJECTS



Lighthouse Resort is an oceanfront condominium resort located on the beaches of Gulf Shores, AL. GSE’s scope of work included mechanical, electrical, plumbing, and fire protection design for this 25 story multi-family resort.

- HVAC Systems
- Ventilation Systems
- Plumbing
- Low Voltage
- Lighting Controls
- Fire Alarm
- Bid Assistance
- Panel Boards
- Fire Pumps
- Transformers
- Data/Telecom
- Water Supply
- Construction Inspections
- Lightning Protection
- Stairwell Pressurization



The 10,000 square foot outpatient oncology center which services patients throughout the Mississippi Gulf Coast. GSE provided the civil site, structural, mechanical, electrical, plumbing, and fire protection design for this facility.

- Site Utilities
- Paving and Grading
- Drainage Design
- Shallow Foundations
- Lighting Controls
- Fire Alarm
- Deep Foundations
- HVAC Systems
- Fire Alarm
- Panel Boards
- Data/Telecom
- Low Voltage
- Medical Gas
- Transformers
- Hazardous Exhaust System



GSE has provided engineering services for multiple Walk-On's locations in recent years, helping this once local restaurant grow into a multi-state chain. Services include Civil, Structural, Mechanical, Electrical and Fire Protection. Specialized HVAC design was provided for a porch area with roll-up garage doors.

- Site Plan Development
- Stormwater Modeling
- Site Utilities
- Ventilation Systems
- Shallow Foundations
- Steel Framing
- HVAC Systems
- Medium Voltage
- Fire Alarm
- Plumbing
- Lighting Control
- Data/Telecom



This 250-unit mixed income multi-family housing development includes three residential 5-story buildings, parking on the ground level, fitness room, swimming pool, clubhouse, playground, business office and a community/activities center with kitchen. GSE provided the structural, mechanical, and electrical design for this development. The project was named by New Orleans Magazine as one of 2010's “Best Architecture” recipients.

- Master Planning
- Paving and Grading
- Stormwater Modeling
- Greenfield
- Deep Foundations
- HVAC Systems
- Load Bearing Timber
- Lighting Controls
- Low Voltage



University of Mobile is a private Baptist university which has seen rapid growth since its inception in 1952. This growth has warranted the addition of new residence halls. GSE provided engineering design for the 96-bed apartment style residence hall, The Timbers. GSE’s scope of work for the 55,000 square foot building included surveying, structural and civil site design. In addition, GSE has also completed an ALTA survey of the 375 acre campus, and designed mechanical and electrical upgrades to the Sports Medicine facility.

- Site Plan Development
- Stormwater Modeling
- Shallow Foundations
- Steel Framing
- Bid Assistance
- Load Bearing Masonry



GSE provided engineering design for the renovation of the Historic Hancock Bank Building originally constructed in 1933 and the adjacent Hewes Building constructed in 1905. The renovated buildings, located a block from the Gulf of Mexico, required significant concrete, brick, and timber piling restoration due to damage sustained from Hurricane Katrina. Additionally, GSE provided structural design for the new steel and glass exterior stair tower constructed for the Hancock Bank building. The design required the tower to remain structurally independent, but architecturally connected, to the main structure.

- Concrete Restoration
- Steel Framing
- Shallow Foundations
- Fire Alarm
- Deep Foundations
- HVAC Systems
- Load Bearing Timber
- Lighting Controls
- Construction Administration



GSE provided all structural engineering for the renovation of the existing 10,000 square foot Daphne City Hall and the 30,000 square foot addition. The complex architectural design of the building called for numerous structural systems including precast concrete, load bearing masonry, architectural structural steel, and exposed timber.

- Precast and Tilt-Up
- Safe Room
- Shallow Foundations
- Steel Framing
- Load Bearing Metal Stud
- Load Bearing Masonry



GSE partnered with ANF Architects to provide engineering design for various new Chili's restaurants. New restaurants opened in the following cities: Auburn, Madison, Mobile, Fultondale, Decatur, Gadsden, and Montgomery, AL and also in Madison, MS. Each restaurant was a 5,500 square foot new prototype restaurant for Chili's. GSE's scope of work included structural, mechanical, electrical, civil site, and fire protection design.

- Master Planning
- Shallow Foundations
- HVAC Systems
- Plumbing
- Drainage Design
- Fire Alarms
- Data/Telecom
- Low Voltage
- Grading and Paving
- Lighting Controls
- Load Bearing Masonry
- Load Bearing Timber



City Hope Church, formerly Bay Community Church, has been expanding their facilities to better suit its growing congregation. GSE provided the structural design and surveying for the expansion at their Spanish Fort location. In addition, GSE has also completed topographic survey of the facility.

- Design-Build
- Construction Staking
- Load Bearing Masonry
- Shallow Foundations
- Steel Framing
- Bid Assistance
- Load Bearing Metal Stud
- Construction Administration



BBB Industries is a manufacturer and distributor of starters, alternators, brake calipers and power steering products. GSE provided all engineering design for the two story office building constructed in Daphne, AL. The building is stick framed construction with long span wood joists in order to achieve the large interior open spaces required.

- Design-Build
- Shallow Foundations
- Load Bearing Masonry
- HVAC Systems
- MCC / Switch Boards
- Load Bearing Timber
- Fire Alarms
- Panel Boards
- Plumbing
- Greenfield
- Photometric Calculations
- Lighting Controls
- Grounding
- Sprinkler/Stand Pipe
- Lightning Protection

SERVICES

CIVIL

Site Plan Development/Master Planning
Paving, Grading & Drainage Design
Stormwater Modeling
Site Utilities
Erosion Control/SWPPP
SWPPP Compliance Inspections
Roads/Transportation

SURVEY

Boundary
Construction Staking
Elevation Certificate
Roadway Layout
Topographic
Utilities
Crane Alignment
Control Surveying
As-Builts
Easements
ALTA Survey
3D Scanning
Laser Tracker Technology / Metrology

CONSTRUCTION SERVICES

Environmental Permitting
Construction Inspections
Cost Estimating
Program Management
Construction Management
Procurement

ELECTRICAL

Medium Voltage
Transformers
Switch Gears
Ductbank/Distribution
Substation Layout
Motors
Grounding
Low Voltage
Panel boards
MCC/Switch Boards
Lighting
Lightning Protection
Data/Telecom
Security
Access Control
PA Systems
Wireless Access Points
Fiber Optics
Photovoltaics
Power Studies
Arc Flash
Short Circuit
OCPD Coordination

SPECIALTY

Design-Build
BIM
LEED
Fast-Track
Site Selection

MECHANICAL

HVAC Systems
Plumbing
Ventilation Systems
Dust Collection
Medical Gas
Hazardous Exhaust Systems
Paint Booths
Fume Hoods
Smoke Evacuation
Stairwell Pressurization
Clean Room Design
Boiler System Design
Conveyors/Material Handling
Building Automation
Energy Modeling

BUILDING

General Arrangement
Interior Design
Life Safety

PROCESS/CHEMICAL

Piping
Instrumentation
PFD
P&ID
Equipment Specification
Pressure Vessels
Stress Analysis

STRUCTURAL

Deep Foundations
Equipment Foundations
Steel Framing
Load Bearing Masonry
Load Bearing Metal Stud
Precast and Tilt-Up
ICF (Insulated Concrete Forms)
Concrete Restoration
Forensic Analysis
Historic Preservation
Seismic Retrofit
FEMA/Tornado/Wind Resistant Design
Blast Design

FIRE PROTECTION

Active System
Sprinkler/Stand Pipe
Fire Alarm
Clean Agent
Foam
Passive System
Life Safety
Fire Ratings
Performance Based Solutions
Insurance/Underwriter Consultation
Fire and Egress Modeling
Smoke Management
Fire Pumps/Water Supply
Failure Analysis

ABOUT US



Gulf States Engineering, Inc. (GSE) is a multidiscipline engineering firm with a wide variety of experience in heavy industrial, commercial, and government projects. GSE is an employee-owned consulting firm founded in 1998 staffing 90 highly experienced engineers and designers, most of whom have been with the company for over 10 years. The firm's staff includes planners, multi-disciplinary engineers (Structural, Civil, Mechanical, Chemical, Electrical, and Fire Protection), surveyors, and program/construction managers. GSE is headquartered in Mobile, AL and has regional offices located in Gulfport, MS and Nashville, TN.

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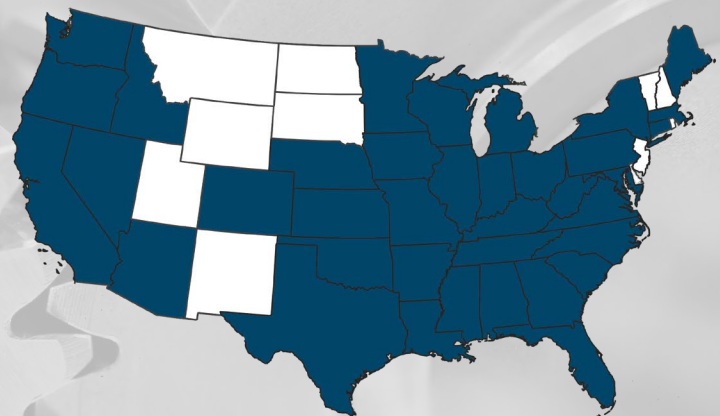
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LICENSED STATES

ALABAMA
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IOWA
KANSAS
KENTUCKY
LOUISIANA
MAINE
MARYLAND
MASSACHUSETTS
MICHIGAN
MINNESOTA
MISSISSIPPI
MISSOURI
NEBRASKA
NEVADA
NEW YORK
NORTH CAROLINA
OHIO
OKLAHOMA
OREGON
PENNSYLVANIA
SOUTH CAROLINA
TENNESSEE
TEXAS
VIRGINIA
WASHINGTON
WEST VIRGINIA
WISCONSIN



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