FLORIDA ENGINEERING
LIGHTNING ENGINEERING
GUNDERSON ENGINEERING

COMMERCIAL & RESIDENTIAL PROJECTS

FE-LE-GE: PORTFOLIO



FAST. ACCURATE. RELIABLE.

FE-LE-GE: PORTFOLIO

866-476-5130 contact@fleng.com

FLORIDA ENGINEERING | LIGHTNING ENGINEERING | GUNDERSON ENGINEERING

135+	185K+	$70M
Years Experience	Completed Projects	Customer Savings

Florida Engineering, LLC is a full-service, multi-disciplinary engineering firm providing Structural, MEP, and Civil design for residential, commercial, and specialty markets. Operating as Florida Engineering, Lightning Engineering, and Gunderson Engineering, we are licensed in 23 states and have completed over 175,000 projects nationwide. Our mission is to deliver fast, accurate, and reliable engineering through innovative design and value-driven solutions.

Core Services

- Structural Engineering: Residential, commercial, PEMB, threshold, and specialty structures
- MEP Engineering: HVAC, plumbing, electrical, fire protection, life safety, and energy calculations
- Civil Engineering: Site, septic, grading, and drainage design
- Specialty Design: Aluminum, pool, screen, and metal building systems

Key Facts

- 135+ years cumulative experience | 25+ in-house engineers
- $70 million+ in client savings through value engineering
- 185,000+ projects delivered on time and within budget
- Family-owned and nationally recognized for rapid growth

Florida Engineering is proud to also serve as **Lightning Engineering** and **Gunderson Engineering** in a broad range of states, including Florida, Texas, Alabama, Kentucky, Utah, Mississippi, Pennsylvania, Georgia, Tennessee, South Carolina, North Carolina, Colorado, Louisiana, Virginia, Indiana, Ohio, Maryland, Oklahoma, West Virginia, Kansas, Arizona, Missouri and Arkansas. Together, we are dedicated to providing **fast**, **affordable**, and **reliable** comprehensive engineering solutions tailored to your needs.

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(866) 476-5130
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4161 Tamiami Trail Ste 101
Port Charlotte, FL, 33952

Expertise & Qualifications

- **Proven Technical Expertise:**
  - Our team brings extensive experience in handling projects similar to yours from commercial developments to critical infrastructure. We utilize cutting-edge design, simulation, and analysis tools to deliver innovative, efficient engineering solutions.
- **Florida Licensed & Hurricane-Resistant Design:**
  - Every project is managed by fully licensed professionals well-versed in Florida's rigorous building codes. We specialize in hurricane-resistant designs that safeguard your investment and ensure resilience against extreme weather conditions.
- **Strict Code Compliance:**
  - We ensure that all projects adhere to the latest local building codes and environmental regulations, combining technical excellence with a commitment to safety and sustainability.

End-to-End Project Support:

- From initial feasibility studies and design conceptualization to permitting, construction oversight, and final execution, we provide seamless, turnkey support for every stage of your project.

Project Management & Communication

- **Collaborative Coordination:**
  - We work closely with architects, contractors, and other stakeholders to ensure integrated project execution. Our collaborative approach streamlines decision-making and drives project success.
- **Dedicated Project Leadership:**
  - Each project is led by an experienced project manager who serves as your primary point of contact. Expect proactive communication, timely updates, and a clear roadmap from start to finish.

Cost & Schedule

- **Proven Track Record:**
  - Our portfolio features successful projects delivered on schedule and within budget. We can provide concrete examples of similar projects, complete with timelines and cost management strategies.
- **Flexible Change Management:**
  - We anticipate project scope changes and integrate robust management practices to adjust plans while maintaining cost efficiency, ensuring that your project stays on track financially and temporally.



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OUR SIGNING ENGINEERS

PE Leadership: Our signing engineers are licensed Professional Engineers (PE) with the expertise to ensure that all engineering documents meet the latest Building Codes and are properly signed and sealed.



Craig Gunderson - President & Principal Professional Engineer

•Education: Bachelor's Degree in Civil Engineering, Florida State University

•Role: Oversees all engineering operations, ensuring compliance with building codes, standards, and local guidelines.

•Expertise: Site-specific engineering for aluminum structures, steel, metal buildings, swimming pools, and composite wood/concrete structures.



Kashish Vig - Civil Engineer (Structural Engineering Expert)

Education: Master’s Degree in Civil Engineering, Clemson University

•Licenses: Licensed in 8 states, including FL, TX, and the Carolinas

•Contributions: Key contributor to the firm's growth and development of new products and technologies in the Aluminum industry.

•Specialization: Automation, finite element design, and development of innovative systems like the Halo Beam, Ultrascape, and Screen It Balcony Railing.



Tony Boumitri - Structural Engineer Special Inspector

•Education: Master's Degree in Engineering Management, Northwestern University

•Specializations: Threshold inspections, milestone inspections, reserve studies

•Experience: Over 35 years in design, inspection, and construction support

•Licenses: Registered Professional Engineer Special Inspector in multiple states, including FL.



Rich Walker - Site, Structural, and Transportation Engineer

•Education: Bachelor's Degree in Civil Engineering, The Ohio State University

•Licenses: Licensed in 6 states, including FL, TX, NC, SC, OH, and IN

•Expertise: Site-civil, drainage, and transportation engineering, with extensive experience in reviewing plan sets for compliance.



Ankit Dalal - Lead Mechanical Engineer and HVAC

- Education: Master of Science in Mechanical Engineering, Clemson University
- Experience: 5+ years in MEP design and project delivery for residential, commercial, healthcare, restaurants, and government facilities.
- Licenses: Professional Engineer (P.E) licensed in FL, GA, MS, TN, CO, LA, and AL.
- Expertise: HVAC, plumbing, gas, and Life Safety systems, with extensive experience coordinating multidisciplinary projects and leading firm-wide Revit implementation.

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Florida Engineering, LLC

- Alabama – Certificate of Authorization #ECA5540 | License #PE29022
- Florida – Certificate of Authorization #CA30782 | License #60102

Lightning Engineering, LLC (DBA of Florida Engineering)

- Georgia – Certificate of Authorization #PEF007324 | License #PE032329
- Tennessee – Certificate of Authorization #9631 | License #123141
- Texas – Certificate of Authorization #F-17425 | License #120475
- Louisiana – Certificate of Authorization #EF.0007485 | License #PE0033910
- Mississippi – Certificate of Authorization #E-33246 | License #33188
- Virginia – Certificate of Authorization #407008475 | License #402065359
- West Virginia – Certificate of Authorization #C06970-00 | License #26306
- Colorado – Secretary of State Certificate of Authorization #20221835868 License #PE.0061326
- Indiana – License #PE. 10606028 | #PE. 12100615
- Kentucky - Certificate of Authorization #5887 | #PE. 4048

Gunderson Engineering, PLLC

- North Carolina – Certificate of Authorization #P-2016 | License #048404
- South Carolina – Certificate of Authorization #6921 | License #36740
- Pennsylvania - PE Number PE097530
- Arkansas - Certificate of Authorization #4793
- Oklahoma - Certificate of Authorization #9726
- Kansas - Certificate of Authorization #3884 | PE. #PE31387
- Utah – Division of Corporations & Commercial Code #14535967-0161
- Missouri: #E-2025047396
- Arizona - Certificate of Authorization #25023493
- Maryland – Certificate of Authorization #65622 | License #PE64912
- Arkansas – Certificate of Authorization #4793



Corporate

- Esperia at Bonita Bay Tenant Upfit – MEP Engineering & Low Voltage Plan (2025)
- Chase Bank Huntsville Alabama – MEP Engineering & Fire Protection (2025)
- Chase Bank Betline Alabama – MEP Engineering & Fire Protection (2025)
- Chase Bank Nolensville Tennessee – Structural Engineering, MEP Engineering & Fire Protection (2025)
- Chase Bank Clarksville Tennessee – Structural Engineering, MEP Engineering & Fire Protection (2025)
- YMCA Englewood Tenant Upfit/Renovation – MEP Engineering (2024)
- Cabinet Design Studio Venice Renovation - MEP Engineering & Energy Calculations (2025)
- US Coast Guard Recruiting Office Buildout – MEP Engineering, Energy Calculations & Life Safety Plan (2025)
- First Horizon Office Building 4th Floor Renovation – MEP Engineering & Energy Calculations
- Baer's Furniture Port Charlotte Exterior Renovation – Structural Engineering, MEP Engineering, Site Lighting & Site Photometric Plan
- Baer's Furniture Naples Exterior Renovation – Structural Engineering, Plumbing & Electrical Engineering
- Baer's Furniture Naples Exterior Renovation – Structural Engineering, Plumbing & Electrical Engineering
- Lavado Laundry Alabama – MEP Engineering, Low Voltage Plan & Life Safety Plan (2025)
- Pecky Interiors Renovation – MEP Engineering, Life Safety Plan & Energy Calculations (2024)
- Buckman Law Office Renovation – MEP Engineering & Energy Calculations (2025)
- Hartland Homes Corporate Office – Structural Engineering, MEP Engineering & Energy Calculations (2024)
- Adagio Sales Center – MEP Engineering & Energy Calculations (2025)
- Intellus Advisors Buildout – MEP Engineering & Energy Calculations (2025)
- M/I Homes Office Renovation – Mechanical & Electrical Engineering (2024)
- McCaskill & Company – Structural Engineering, MEP Engineering & Energy Calculations (2025)

Education

- Bridge Prep Charter School Phase II - MEP Engineering (2018)
- Hickory Tree Charter School - MEP Engineering (2019)
- Port St Lucie Independent Charter School – MEP Engineering (2018)
- British Swim School Indoor Swimming Pool – MEP Engineering & Energy Calculations (2025)
- Hoc Christian School – Mechanical Engineering (2025)
- Boys & Girls Club Fort Myers Renovation – MEP Engineering & Energy Calculations (2025)
- Foundation Christian Academy – MEP Engineering & Structural Engineering (2025)

Healthcare

- Banyan Pediatric Center - MEP Engineering (2019)
- Saint Vil Med Care - MEP Engineering and Energy Calculations (2023)
- Vet Clinic - MEP Engineering and Energy Calculations (2022)
- Q Laser & Spa Eye Specialist – MEP Engineering & Energy Calculations (2025)
- Fort Myers Dental Care – MEP Engineering, Low Voltage Plan, Energy Calculations & Life Safety Plan (2025)
- Greenbrooks Medical Office – MEP Engineering & Fire Protection (2025)
- ACTS Yukon Outpatient Center – Structural Engineering, MEP Engineering, Fire Protection & Low Voltage Plan (2025)

Hospitality

- Resort at Canopy Oaks - MEP Engineering and Energy Calculations (2020)
- Tranquility Lakes Welcome Center - Structural and MEP Engineering (2019)
- San Carlos Hotel - MEP Engineering (2023)
- Soulbody Studios LLC – MEP Engineering (2023)
- Hall Richardson Senior Center – MEP Engineering, Energy Calculations & Grease Trap Plan/Calculations (2025)

Specialty Engineering

- Babcock Lookout Tower – Structural Engineering (2024)
- La Creperie at Disney Epcot – Structural Engineering for Architectural Precast (2019)
- UTC Central Energy Plant – Structural Engineering for Architectural Precast (2013)

Sports

- Champions Run Clubhouse - MEP Engineering & Energy Calculations Plan (2020)
- Citrus Tower Batting Cages – MEP Engineering & Energy Calculations (2024)
- Pickleball Warehouse – MEP Engineering (2024)
- TimberCreek Clubhouse - Structural and MEP Engineering (2020)
- Bay Colony Tennis Utility Building – MEP Engineering & Energy Calculations (2023)
- Martial Arts Studio Buildout Tampa – MEP Engineering & Energy Calculations (2024)
- Pickleball Warehouse Boynton Beach – MEP Engineering & Energy Calculations (2024)

Industrial

- AAA Storage - Mechanical and Electrical Engineering (2023)
- Leonard Storage and Truck Accessories - MEP Engineering and Energy Calculations (2023)
- NVGTN Warehouse - Structural and MEP Engineering (2022)
  - Tilt Wall Construction
- Cogburn Brothers Shop/Warehouse – MEP Engineering & Energy Calculations (2024)





Restaurant and Commercial Kitchens

- Abby's Restaurant - Structural Engineering and MEP Engineering, Life Safety Plan, Energy Calculations (2021)
- Andy's Frozen Custard - Structural Engineering (2022)
- Bayshore Coffee - MEP Engineering and Energy Calculations (2020)
- Chow Won Korean Steakhouse - MEP Engineering, Energy Calculations, Grease Plan & Life Safety Plan (2023)
- Dutch Bros Coffee (2023-2024)
- Double O's Coffee - Mechanical and Electrical Engineering, Energy Calculations (2022)
- Forked at Waterside – MEP Engineering (2021)
- Kava Bar Bradenton - MEP Engineering (2021)
- Kava Bar Maitland - MEP Engineering (2022)
- Keke's Breakfast Café - MEP Engineering (2018)
- Murphys Grill - MEP Engineering, Hood Design, Energy Calculations & Life Safety Plan (2022)
- Ocean Bar & Grill - MEP Engineering (2019)
- Osteria 500 Restaurant - MEP Engineering (2021)
- Papa Johns - MEP Engineering (2023)
- Royal Scoop Ice Cream - MEP Engineering (2022)
- Starbucks Café Remodel - Electrical and Plumbing (2019)
- US Baking Co –Structural and MEP Engineering, Grease Trap Engineering, Life Safety Plan (2020)
- Masons's Famous Lobster Rolls – MEP Engineering, Grease Trap Engineering/Calculations & Energy Calculations (2025)
- Jump Cup Ice cream – Plumbing Engineering (2024)
- One Hot Cookie Ice Cream Shop – MEP Engineering, Energy Calculations, Life Safety Plan & Structural Engineering (2024)
- MR 01 Extraordinary Pizza – MEP Engineering & Energy Calculations (2025)
- Capriotti's Sandwich Shop – MEP Engineering, Grease Trap Plans/Calculations & Energy Calculations (2025)
- Akaska Longwood – MEP Engineering & Energy Calculations (2025)
- The Rack Wine Bar Chiefland – MEP Engineering, Grease Trap Plan/Calculations & Energy Calculations (2025)
- Ululanis Hawaiian Shave Ice – MEP Engineering, Grease Trap Plan/Calculations & Energy Calculations (2025)

Mixed-Use & Multi-Family

- Calla Terrace Townhomes - Structural Engineering (2020)
- Curry Lane Townhomes – Structural and MEP Engineering (2024)
- Lorraine Crossing - Structural and MEP (2024)
- Mallory apartment Reuse Buildings - Structural Engineering (2021)
- Midtown Apartment Buildings - MEP Engineering (2021)
- Grand Preserve - Structural and MEP Engineering (2024)
- Multifamily Naples: (3) 4-Plex, (2) 6-Plex, (3) 8-Plex – MEP Engineering & Energy Calculations (2025)
- Mangrove Row Apartments (4 Multifamily Buildings) – MEP Engineering & Energy Calculations (2025)
- Bridge Street Multifamily – MEP Engineering & Energy Calculations (2025)
- Rise Church Renovation – MEP Engineering & Energy Calculations (2025)

Religious

- Evan Metropolitan Church - MEP Engineering (2019)
- Holy Spirit Orthodox Church – Structural and MEP Engineering, Life Safety Plan and Energy Calculations (2023)
- Islamic Center of Gunn - MEP Engineering (2019)
- Narcoossee Baptist Church - MEP Engineering (2023)
- New Day Church – MEP Engineering and Energy Calculations (2022)
- Victorious Life Assembly of God - Structural and MEP Engineering, Energy Calculations and Life Safety Plan (2023)
- Fort Myers Beach Baptist Church – MEP Engineering, Fire Protection & Energy Calculations (2025)
- New Life Worship Center – Structural Engineering, MEP Engineering, Energy Calculations & Life Safety Plan



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