



# Engineering, Planning & Designing



## Engineering Services/Design

### Integrity, performance, and client satisfaction

GEi accommodates projects of virtually any size and specializes in complex renovations of existing facilities. Our philosophy for successful project delivery is attention to detail and effective communication. We have forged long-term relationships with our clients through integrity, performance, value, and client satisfaction.

### Long history of successful project delivery

GEi has a long history of delivering successful projects working directly for both building owners and architects. Our firm develops excellent design and construction documentation using a team approach. Each project is led by at least one principal engineer who is directly responsible for the project from schematic design through construction completion.

No matter what the project, we begin by listening to our client in order to understand their project needs and how their needs are special. During the schematic design phase, we develop design options for our clients to consider. Each option's merits are clearly communicated so that the client can make informed decisions regarding which works best for them. We strive to keep our clients involved in the decision process every step of the way.

### Flexible, innovative solutions

GEi understands that facilities must adapt and evolve to serve ever-changing expectations. This expertise, combined with our understanding of new emerging technologies, allows us to provide our clients with energy efficient, flexible, and innovative solutions to meet tomorrow's needs today.

- Field Surveys
- Feasibility Studies
- Code Compliance Studies
- Electrical System Studies
- Arc Flash Analysis
- Circuit Breaker Coordination
- HVAC System Studies
- Master Planning
- Building Information Modeling
- Construction Documents
- Construction Administration
- Electrical Distribution
- Emergency/Standby Power
- Uninterruptible Power Systems
- Interior & Exterior Lighting
- Security Systems
- Fire Alarm Systems
- HVAC Systems
- Chiller & Boiler Systems
- Plumbing Systems

## Engineering Excellence

- Energy Centers
- Data Centers
- Surgical Suites
- Scientific Laboratories
- Testing Laboratories
- Outpatient Surgery Centers
- Emergency & Trauma Centers
- Radiology Centers
- Theaters
- Geriatric Centers
- Hospice & Palliative Care
- In-Patient Psychiatric Units
- Office Suites
- Retail Spaces
- Clinical Laboratories
- Pathology Laboratories
- Art Galleries
- Cleanrooms

