



# CAPABILITY STATEMENT



**Richard J. Manning, PE, LEED AP**  
Owner, Electrical Engineer  
704 517-5401

[info@manningdeg.com](mailto:info@manningdeg.com)  
809 W. Hill Street, Suite C  
Charlotte, NC 28208

## About Us

Manning Design and Engineering Group, PLLC specializes in lighting design with energy-saving controls for new construction and renovation projects. We also focus on solving complicated power distribution challenges to meet the needs of the project scope. Manning Design and Engineering Group provides years of experience with the design of healthcare, commercial, residential, education, data centers, retail, and restaurants. Our staff has also performed electrical distribution system evaluations to identify short-term and long-term energy saving options which result in reduced utility costs.

### Differentiators

- Headquartered in Charlotte, NC
- Vast Experience with Numerous Varied Electrical Systems
- Proactive Design Coordination
- Budget Conscious
- Efficient Design Process
- Resourceful and Responsive Team Player

### Software Tools

- AutoCAD MEP
- Revit
- Acuity Visual

### Lighting Design Services

- Interior Lighting
- Exterior Lighting
- Parking Deck Lighting
- Photometric Lighting Analysis
- Automated Lighting Controls
- Programmable Lighting Controls

### Power Design Services

- Low and Medium Voltage Distribution
- Emergency Power Systems
- Power Risers with Load Analysis
- Arc Flash and Coordination Analysis
- Infrastructure Evaluation
- System Failure Analysis
- Contingency Analysis
- Equipment Space Planning

### Company Information

- CBI Small Business Enterprise (SBE)
- City of Charlotte Vendor: **303564**
- DUNS Number: **080499435**
- CAGE Code: **7SCE8**
- NC Firm License: **P-1658**
- Service-Disabled Veteran Owned Small Business (SDVOSB)

### State Licensures

- North Carolina 032636
- South Carolina 26239
- Virginia 044036

### Systems Design Services

- Fire Alarm
- Access Control
- Video Surveillance
- Communications Systems
- Sound/Public Address System
- Panic/Duress System

### Additional Services

- Facility Condition Assessments
- Energy Analysis
- Constructability/Feasibility of Design
- Renovation Feasibility
- Project Management
- Third-Party Review
- Witness Startup Testing
- Construction Observations