



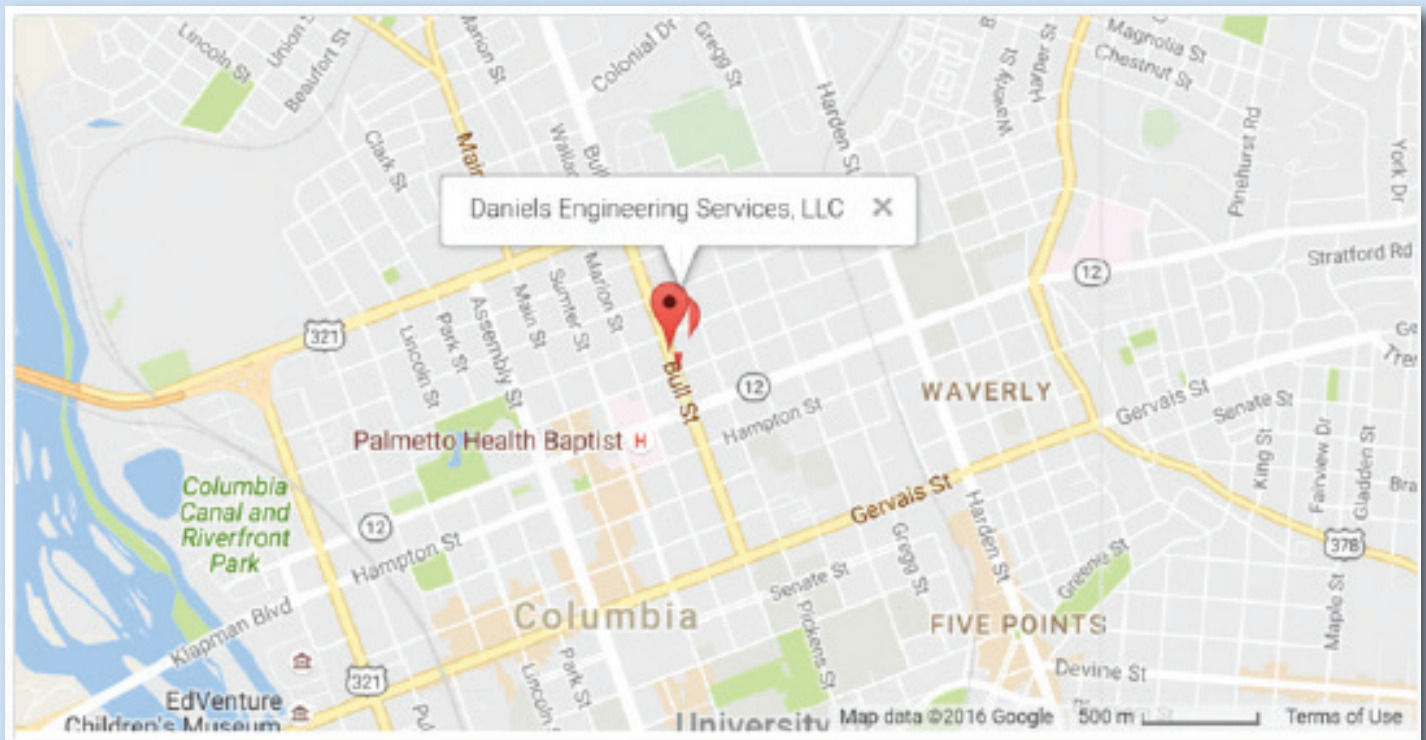
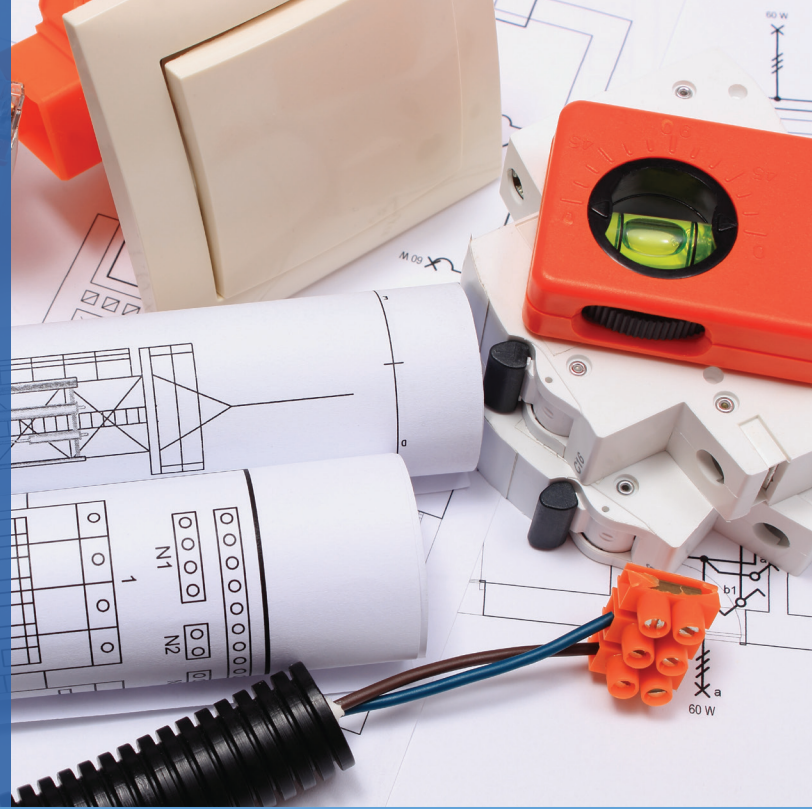
DANIELS ENGINEERING SERVICES, LLC

Simplified Solutions for Complex Problems

PRODUCTS & SERVICES CATALOG

ABOUT

Daniels Engineering Services, LLC provides flexible tailored solutions to fit your needs. Located centrally within the capital of South Carolina we are able to provide services in a central location to state. We take strives to provide competitive pricing and flexible solutions to our clients.



GET A QUOTE

INQUIRIES:

HEAD OFFICE – **(803) 566-0254**

info@danielsengineering.com

1620 Bull St., Columbia, SC 29201



PRODUCTS AND SERVICES PROVIDED

- Electrical Engineering and Design
- Studies and Analysis
- Document, Calculation, and Plan Reviews
- Construction Services
- Electronic and Product Design
- Drafting and Printing
- Inspection Services
- Litigation and Insurance
- Due Diligence Evaluations

PROUDLY SERVING THE FOLLOWING INDUSTRIES

- Manufacturing
- Commercial
- Pharmaceutical
- Healthcare
- Institutional
- Nuclear
- Real-Estate
- Legal
- Construction
- Residential
- Telecom
- Utility

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A photograph of high-voltage electrical equipment at a power substation. The image shows several large, cylindrical insulators with multiple red, ribbed segments, mounted on metal frames. In the background, there are more insulators, metal structures, and power lines under a clear blue sky. A blue horizontal band is overlaid on the bottom half of the image, containing the title text.

ELECTRICAL ENGINEERING AND DESIGN

We strive to provide quality Electrical Engineering and Design Services in the fields of:

- **Power Systems**
- **Generation Systems**
- **Stationary Batteries**
- **Lightning Protection Systems**
- **Lighting Systems**
- **Automation and Control Systems**
- **Transmission and Distribution Systems**
- **Wi-Fi, wireless, and radio systems**
- **Networking and data infrastructure**

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STUDIES AND ANALYSIS

We provide Studies and Analysis for:

- Arc Flash and NFPA 70E Studies
- Coordination Studies
- Load Flow Studies
- Fault Current Analysis
- Grounding Studies and Analysis
- Hazardous Area Analysis
- Lightning Strike and Protection
- Studies and Analysis
- Lighting Studies
- RF Map and RF Safety Studies
- Utility Cost Allocation Studies
- Power Quality Studies
- Time Study Analysis

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DOCUMENT, CALCULATION, AND PLAN REVIEWS

In conjunction with the preparation of Engineering Documentation we also provide the services of:

- Design Reviews
- Technical Document Reviews
- Calculation Reviews
- Drawing Reviews
- Code, Technical, Regulatory, and Licensing Compliance.
- Quality Package Reviews
- Compliance Matrix Identifications
- Procedure Reviews
- Training Material Reviews

A photograph showing two men in hard hats and work shirts shaking hands. They are silhouetted against a bright sky with power lines and towers in the background. The image is used as a header for the document.

CONSTRUCTION SERVICES

We are also licensed and bonded to provide the following Construction Services within the state of South Carolina:

- **General Contracting**
- **Commercial Electrical**
- **Industrial Electrical**
- **Instrumentation and Control Systems**
- **Lightning Protection**
- **Stat Wiring**
- **Panel and Control Wiring**

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- PCB Design
- RF Design
- Rapid Prototyping
- Component Selection
- Manufacturer Identification
- Vendor Identification

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DRAFTING AND PRINTING

We assist and provide supplemental Drafting and Printing Services to local businesses and individuals. We do our best to keep our printing costs competitive, and our drafters are up to date on current technologies.

- **Printing Services**
- **Drafting Services**
- **Design Services**
- **Take-Offs of Materials**
- **Field Verified As-Builts**
- **Product Awareness and Selection**
- **Inventory Management**
- **3D Modeling**

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INSPECTION SERVICES

We provide both Commercial and Industrial Inspection Services in the Columbia and Charleston regions. Unlike most inspectors we provide cutting edge thermal imaging and consultation with engineers upon request.

- **Commercial Property Evaluations**
- **Industrial Facilities Evaluation**
- **Thermal Imaging & Energy Auditing**
- **Electrical and Wiring Inspections**
- **Asbestos Testing**
- **Mold Testing**
- **Lead Testing**
- **Water Quality Testing**

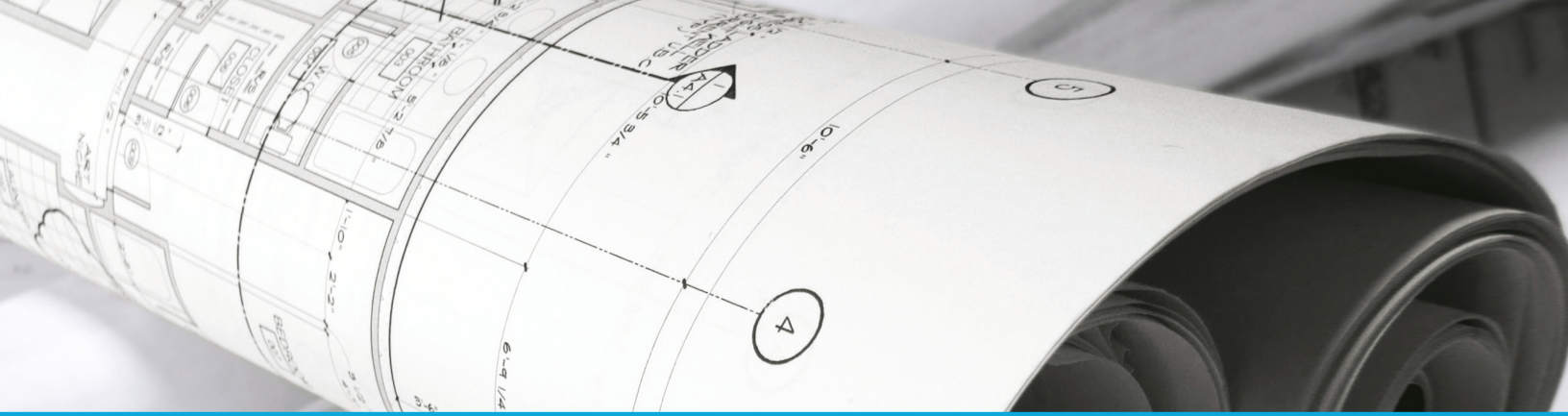
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LITIGATION AND INSURANCE

In the event of accident or fire or loss of life expert testimony is often a necessity. We provide the technical tools and services to address these situations. These services include:

- **Lightning Event Time Studies**
- **Root Cause Analysis**
- **Code Compliance**
- **Licensing Compliance**
- **Damages Estimation**



DUE DILIGENCE EVALUATION

In today's world it is difficult to tie the technical with the financial. We bridge the gap between dollars and cents of the financial, accounting, and real-estate worlds with the engineering and construction sector. We offer consulting services that assess:

- **Commercial Real-estate Purchases**
- **Manufacturing Assessments**
- **Infrastructure Upgrades**
- **Utility Cost Allocation Studies**
- **Overall Equipment Effectiveness**
- **Six Sigma Analysis**
- **Cash Flow Analysis**
- **Cost Benefit Analysis**
- **Calculation of Break Even and Pay Back Period**
- **R&D Justification and First of a Kind Analysis**



INDUSTRIAL ENGINEERING

- Facilities Renovations and Additions
- Electrical Systems Evaluations
- Control Systems Design and Evaluations
- Project Completion Support
- Procurement Support
- Equipment Evaluations
- Factory Acceptance Support
- As-Builts Services

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COMMERCIAL SERVICES

- Renovations
- New Construction
- Office Facilities
- Warehouses
- Lighting Studies
- Power Systems
- Thermal Imaging
- Equipment Evaluations
- Telecom
- Security/Access Control
- Paging/Intercom
- Fire Alarm
- CCTV
- A/V Systems
- Clock Systems
- Building Automation
- Smoke Detection
- Buildouts
- New Facilities
- As-Builts

The fields of engineering and construction are quite vast. If you have any questions regarding any of our services, or if you require a unique or tailored service not listed within this catalog, please feel to contact us at 803-225-6320 or email us at info@danielsengineering.com.