

Steven Bunker, PE

Steven Bunker is a Principal and Co-Founder of Axia Consulting Group in Watkinsville, Georgia. A native of Georgia, he grew up in Ringgold and received his engineering degree from the University of Georgia. He now lives with his wife and three children in Watkinsville. He and his family are members of Prince Avenue Baptist Church in Bogart, GA, and with his free time he enjoys time with his family and friends, gardening, reading, and woodworking.



Steven is a Professional Engineer with eight years of experience in design of electrical systems. Steven is experienced and capable in the design and specification of:

- Power Distribution Systems, including new electrical services, standby generators, switchgear and switchboards, motor control centers, transformers, and premises wiring.
- Code Analysis, including the National Electrical Code (NFPA 70) and other NFPA codes as applicable to various projects, and codes published by the International Code Council, such as the International Building Code and International Fire Code.
- Power System Analysis, including voltage drop, power factor analysis, short circuit calculations, overcurrent protective device coordination, and arc flash incident energy analysis according to IEEE standards, including consulting with Owners and Operators regarding application of arc flash studies on electrical safety programs.
- Lighting Design, including photometric analysis, interior and exterior, and emergency lighting systems.
- Control Systems, including process control and SCADA.
- Fire Alarm Systems according to the International Fire Code, NFPA 72, and other NFPA and ICC codes.

Steven is experienced in design of electrical for several types of projects, including new construction, renovations, additions/expansions, and reconstruction. He has completed designs for many occupancy types, including parks and recreation, water/wastewater, light industrial and manufacturing, hospitals and health care, multifamily residential, office buildings, core-and-shell, retail, and high rises.

In addition to his electrical design expertise, Steven is an industry expert in the use of Autodesk Revit for electrical design. He frequently works with Autodesk, standards organizations, and third-party developers to develop new Revit features, software, and modeling standards.

Professional Credentials

B.S. Agricultural Engineering, Emphasis Electrical, University of Georgia, Athens, GA

Licensed Professional Engineer in Alabama, Florida, Georgia, North Carolina, Tennessee, Texas, and Virginia

Member, Institute of Electrical and Electronics Engineers, Power & Energy Society, Industry Applications Society

Member, National Society of Professional Engineers, Georgia Chapter