

Capability Statement

StrongWick Engineering provides end-to-end electrical and industrial engineering — design, automation, and project delivery — for clients across Canada and the United States. Our work is led by licensed Professional Engineers from concept through commissioning.

CORE SERVICES

Building Electrical Design

Complete electrical systems design for commercial, institutional, and industrial facilities — power distribution, lighting, emergency systems, and permit-ready drawings.

Design & Drafting

AutoCAD electrical drafting for new installations and existing facility documentation. We produce and verify schematics, wiring diagrams, cable schedules, and as-built drawings.

Industrial Automation

Electrical design for automation systems, equipment installations, and facility upgrades. Single-line diagrams, schematics, cabinet layouts, I/O lists, and network drawings.

Project Management

Full project oversight from scope development through to completion. We coordinate with contractors, authorities, and clients to keep projects on time and on spec.

Site Inspections & Audits

On-site assessment of existing electrical systems for accuracy, code compliance, and upgrade planning. Includes scope of work development for renovation and expansion projects.

Testing & Commissioning

System verification and startup services ensuring electrical installations perform to design specifications before handover. Troubleshooting and fault diagnosis included.

SECTORS SERVED

Agriculture · Food Processing · Municipal & Government · Commercial · Industrial · Institutional

WHY STRONGWICK

- Licensed Professional Engineers (P.Eng) on every project.
- End-to-end delivery — design, drafting, automation, testing, and commissioning.
- Deep sector experience across agriculture, food processing, municipal, and industrial work.
- Serving clients across Western Canada and the United States.

