

Company Research — AbbVie & Sterling Engineering

Sterling Engineering (Employer of Record)

Field	Detail
Type	Engineering staffing & consulting firm
HQ	Downers Grove, Illinois
Phone	(630) 993-3400
Website	sterling-engineering.com
Email	HR@sterling-engineering.com
Specialties	Engineering consulting, project management, technical staffing
Industries	Pharmaceuticals, medical devices, manufacturing, automation

Relationship to AbbVie

Sterling Engineering provides specialized contract engineering talent to AbbVie's facilities engineering team. The Building Automation Controls Engineer role is a **contract position through Sterling**, working **onsite at AbbVie's North Chicago campus**.

AbbVie (End Client / Worksite)

Field	Detail
Type	Global biopharmaceutical company
HQ / Campus	1 North Waukegan Road, North Chicago, IL 60064
Revenue	~\$58B (Fortune 100)
Employees	~50,000 worldwide
Products	Humira, Skyrizi, Rinvoq, Botox (Allergan Aesthetics)
Lake County Presence	Global operations HQ + manufacturing campus

Facilities & Automation Scope

- **Campus size:** Large multi-building pharmaceutical manufacturing campus in North Chicago
- **Manufacturing:** Active pharmaceutical ingredients (API) production and drug product manufacturing
- **Regulatory:** cGMP (current Good Manufacturing Practice) — **all systems are validated and change-controlled**
- **BAS Platforms:** Siemens Apogee Insight and Desigo CC
- **Additional Controls:** Rockwell/Allen-Bradley PLC, Emerson DeltaV (process side)
- **Building Systems:** AHUs, chillers, boilers, pumps, HVAC, utility systems
- **Compliance:** Change control, nonconformance reports, corrective & preventive actions (CAPA), Commissioning & Qualification (C&Q)

What This Means for the Role

You'll be working in a **regulated pharmaceutical environment** where every control system change goes through formal change control. Documentation discipline (MOPs, SOPs, BOPs) is not optional — it's FDA-mandated. This is a strength from your CyrusOne and Microsoft background.

Job Description Summary (from posting)

Key Responsibilities

- Operate, monitor, troubleshoot, and maintain Siemens BAS (Apogee Insight & Desigo)
- Write, modify, and troubleshoot **PPCL code** for Siemens **PXC BACnet controllers**
- Maintain HVAC and utility systems (AHUs, chillers, boilers, pumps)
- Collaborate with operations, engineering, and project teams
- Maintain system documentation, monitoring logs, BOPs, and training materials
- Respond to facility system issues — evaluate root causes, minimize downtime
- Support startup of new systems and ongoing projects
- Provide technical guidance to operators, contractors, and personnel

Requirements

- **5+ years** building automation, facilities controls, or related technical roles
- Hands-on experience with **Siemens BAS** (Apogee Insight & Desigo)
- Proficiency in **PPCL programming** for Siemens PXC controllers
- **BACnet** building controllers knowledge
- Strong understanding of HVAC principles and sequence of operations
- Ability to troubleshoot complex building systems independently
- Understanding of **cGMP** — change control, CAPA, C&Q activities

Work Details

- **Location:** North Chicago, IL (onsite)
- **Schedule:** May include 24x7 on-call support as needed
- **Type:** BAS-specific role — not industrial PLC work