

Electrical Engineering

The electrical/lighting design division of Summit Engineering continues to provide electrical engineering and lighting design services for winery, hospitality, resort, healthcare, municipal, commercial, and residential projects in the North Bay, North Coast and Greater Bay Areas, for over 20 years. Our extensive experience with commercial construction and the many electrical and lighting systems within varied projects provides our clients confidence that the systems will be designed with the appropriate functionality and cost, while helping achieve the goals and visions of our clients. Summit understands both the big picture goals of projects as well as the fine technical details and is able to effectively communicate on all levels with the project team, taking the time to make sure we are listening to and meeting the needs of our clients. Project success is maintained through a high level of client service, project management, communication, and quality control throughout the design and construction phases of the project.

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Williams Selyem Winery
Electrical and Lighting Design

Electrical Engineering and Lighting Design Services

- Electrical master planning
- Utility service planning
- Facility evaluations
- Power distribution design
- Emergency and standby power systems
- Alternative energy systems consulting and design integration (PV, Batteries, Microgrid)
- Electrical short circuit, coordination, and arc flash studies
- Lighting design and light fixture specifications
- Lighting control and dimming systems
- Lighting photometric calculations and renderings in 3D modeling software
- Construction administration

