



STATEMENT OF QUALIFICATIONS

UC DAVIS PROJECTS

- Project:** UC Davis Medical Center, Stockton Blvd Research Center, Phase II
Location: Sacramento, California

Significance: Electrical engineering and design associated with converting a 100,000 square foot warehouse space, into wet bench research laboratories and associated support spaces. The laboratories include 16,600 square feet consisting of: lab build out with clean rooms, vivarium; office space. Electrical systems consist of: emergency power, normal power, fire alarm, data/telephone and security systems. All systems sized to accommodate four additional phases.
- Project:** UC Davis Olsen Hall Remodel
Location: Davis, California

Significance: Electrical engineering and design for Language Lab/Multi-Media Computer Classroom 18a. Project consisted of demolition of existing lighting and unused conduit and outlets; power plan including power distribution, convenience outlets, and layout of computer outlets; Lighting plan comprised of selection of fixtures, fixture schedules, branch circuiting, and Title 24 lighting compliance calculations; and signal plan consisting of video and data networks.
- Project:** UC Davis Pacific Life Standard Building
Location: Davis, California

Significance: Electrical engineering and design for a two-story Service Center. Project included electrical demolition plan; power distribution and convenience outlets, telephone communication systems, data networks, interior & exterior architectural lighting with lighting plan to include selection of fixtures, fixture schedules, branch circuiting and Title 24 lighting compliance calculations.
- Project:** UC Davis Primate Center Computer Room
Location: Davis, California

Significance: Electrical Engineering and design for the Primate Computer Lab Relocation. Power plan included power distribution, convenience outlets, power to mechanical equipment and layout of computer outlets; as well as design of telephone raceway and outlets for the computer room. Lighting plan included, selection of fixtures, fixture schedules, branch circuiting and Title 24 lighting compliance calculations.

- **Project:** **UC Davis Primate Center Freezer**
Location: Davis, California

Significance: Electrical Engineering and design for the Primate Center Freezer Room including the addition of thirteen refrigerators. Power plan including power distribution, convenience outlets, power to refrigeration and HVAC equipment. Design of Lighting included selection of fixtures, fixture schedules, branch circuiting, and Title 24 Energy Calculations. Design of emergency power and distribution including generator system with manual transfer switch, automatic transfer switch, portable generator and a permanent generator. Revisions included provision of additional power distribution, additional freezer receptacles, convenience receptacles, emergency power to equipment, additional raceways and receptacles. Lighting revisions included selection of fixtures, fixture schedule, and branch circuiting for exit and site lighting.

- **Project:** **UC Davis Primate Study**
Location: Davis, California

Significance: Study for an extension and expansion of existing electrical infrastructure (underground) to the existing and expanded primate colony. Study included provisions for both power and data.

- **Project:** **UC Davis Madison Avenue X-Ray**
Location: Citrus Heights, California

Significance: Electrical Engineering and design for a remodel of a 560 square foot x-ray room in an existing medical office building. Design included power distribution to convenience outlets and power to mechanical equipment; as well as Title 24 lighting compliance calculations and electrical system load calculations.

- **Project:** **UC Davis Medical Center Laguna**
Location: Elk Grove, California

Significance: Electrical Engineering and design for a 25,000 square foot medical office, one story, wood-framed building. Design included telephone raceway, outlets, and backboard; Title 24 lighting compliance calculations, and electrical system load calculations; lighting plan included selection of fixtures, fixture schedules, and branch circuiting; as well as a fire alarm system design.