



**CAPITOL
CITY
DESIGN, INC**

Electrical Engineering
Consultants

TONY C. BAKER, L.C.
President

CRAIG A. NORMAN, P.E.
Vice President

STATEMENT OF QUALIFICATIONS

MERCED COUNTY PROJECTS

- **Project:** **Merced County Human Services Agency**
Location: Merced County, California. Buildings One, Two, and Three.

Significance: Electrical design and specifications for HVAC upgrades at this three building campus. Work for this project was performed in three phases and covered the replacement of approximately 20 mechanical units.
- **Project:** **Merced County Area for the Aging Agency**
Location: Merced County, California

Significance: Electrical design and specifications for HVAC upgrades, covering replacement/addition of four mechanical units. Due to the increased electrical load, an upgraded 400 amp electrical service was designed.
- **Project:** **Merced County Administration Building**
Location: Merced County, California.

Significance: Electrical design and specifications for a major energy savings project, including a new boiler, chiller, cooling tower, associated pumps, and addition of numerous variable frequency drives. Coordinate the re-use of existing motor control center equipment.
- **Project:** **Merced County Veterans Memorial Building**
Location: Merced County, California.

Significance: Performed a site analysis report, and recommendations, for the existing electrical system. Electrical design and specifications for the consolidation of the four existing electrical services into one new, upgraded electrical service. Construction documents for future HVAC replacement were also provided.
- **Project:** **Merced County Gustine Library**
Location: Merced County, California.

Significance: Electrical design and specifications for an upgraded electrical service to support the addition of larger HVAC units.
- **Project:** **Merced County Environment Health Building**
Location: Merced County, California.

Significance: Electrical design and specifications for the replacement of five HVAC units while utilizing the existing electrical service.

- **Project:** **Merced County Sandy Mush Jail**
Location: Merced County, California.

Significance: Electrical design for the addition of an HVAC unit at the exercise room in 1999. In 2001, Electrical design for an expansion of the laundry room, including replacement and upgrade of a distribution transformer and electrical sub panel. Provide new branch circuit connections to multiple washers and dryers. All work included vandal proof and tamper proof provisions.

- **Project:** **Merced County Coroner's Facility**
Location: Merced County, California.

Significance: Electrical design for the replacement of an HVAC unit and an exhaust fan.

- **Project:** **Merced County Department of Public Works Upgrade**
Location: Merced County, California

Significance: Electrical design and Specifications for the three sites. The design included new fuel dispensing equipment, tank level, leak detection, and monitoring control panels of four existing underground fuel tanks and one new above ground fuel tank and dispensers.