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STATEMENT OF QUALIFICATIONS

EDUCATIONAL FACILITIES

COLLEGES / UPPER LEVEL EDUCATION

- **Project:** **Western Career College**
Location: Sacramento, CA

Significance: Electrical engineering and design for a new 10,000 sq ft college space. Design included power, lighting, and telephone systems.
- **Project:** **American River College – Room 504 HVAC Remodel**
Location: Sacramento, CA

Significance: Electrical engineering and design for a college space. Design included HVAC replacement. Power plan included power distribution, convenience outlets and power to mechanical equipment. Design also included a one-line diagram and panel schedules along with electrical system load calculations.
- **Project:** **Sacramento City College Kitchen Remodel**
Location: Sacramento, CA

Significance: Electrical engineering and design for a remodel of an existing cafeteria, kitchen and lighting. Design included revisions to two (2) new offices, storage room, and dining area on the west end of the cafeteria. Revisions were also made to the lighting and power plans, the distribution and the service calculations. The electrical design was prepared for the new dining area lighting, and the new interior and exterior lighting for the new cafeteria south west entry door. There was a design of a new fire alarm system as required by the Division of The State Architect Office. This new system was required to bring the project into compliance with the current California Fire Code. A new public address system was also added for the cafeteria along with a raceway system.
- **Project:** **Sacramento City College Lusk Aeronautical Center**
Location: Sacramento, CA

Significance: Electrical engineering and design for a college space. Project included preparing an electrical load study for the first phase of renovation work.
- **Project:** **Sacramento City College Administrative Justice**
Location: Sacramento, CA

Significance: Electrical engineering and design for a college space. Design involved a power plan that included power distribution, convenience outlets and power to mechanical equipment. Design also included electrical system load calculations with one-line diagram and panel schedules.

- Project:** Sacramento City College – Cafeteria (New Motor Control Center)
Location: Sacramento, CA

Significance: Electrical engineering and design for a college cafeteria. Design included providing an additional motor control center and locating it in the existing second floor mechanical/electrical mezzanine.
- Project:** Primate Computer Lab Relocation, UCD
Location: Davis, CA

Significance: Electrical engineering and design for relocation of existing University Computer Laboratory. Design included power, lighting and computer systems, along with relocation of UPS and Silent Knight Alarm System.
- Project:** Primate Center Freezer Addition, UCD
Location: Davis, CA

Significance: Electrical engineering and design for the addition of 13 refrigerators to University Primate Center. Design included power and lighting to refrigeration and HVAC equipment.
- Project:** Learning Resources Center, Yuba College
Location: Woodland, CA

Significance: Electrical engineering and design of a new 19,000 sq ft classroom facility with library and faculty offices. Design included lighting, power, clock and intercom systems.
- Project:** Modesto City School District, Central Food Processing
Location: Modesto, CA

Significance: Electrical engineering and design of a new 30,000 sq ft meal preparation facility, providing over 15,000 meals per day for Modesto City School District. Design included lighting power and telephone systems.
- Project:** Sacramento Municipal Utility District, Day Care Center
Location: Sacramento, CA

Significance: Electrical engineering and design of power, fire alarm and telephone systems for four portable classroom.

HIGH SCHOOLS

- Project:** Sanger High School
Location: Sanger, CA

Significance: Complete electrical engineering and design of a new 155,000 sq ft high school in Sanger, Calif. Project included permanent & portable classrooms, multi-purpose building, kitchen & dining facilities for 2,500 students, 2 gymnasiums, Olympic size lap pool, exterior sports complex with 2 baseball fields, 1 softball field, 1 soccer & football field and exterior tennis & racquet ball courts. Design included lighting, power, fire alarm, clock, computer and intercom systems with lighting designed for the entire sports complex to be utilized for all night games and activities.

- Project:** **Buhach High School**
Location: Atwater, CA

Significance: Electrical engineering and design for a new 158,000 sq ft high school. Project included administration, library, relocatable and permanent classrooms, multi-purpose building, Performing Arts Building, Kitchen & multi-use, technology wing and gymnasium. Design included lighting, power, intercom & multi-media retrieval, fire alarm, security alarm, master clock, data, television and telephone system distribution.
- Project:** **Benecia High School East Classroom Addition**
Location: Benecia, CA

Significance: Electrical engineering and design for a new 20,000 sq ft classroom wing. Design included lighting, power and extension of existing fire alarm, master clock, intercom, data and television infrastructure.
- Project:** **Benecia High School Cafeteria Addition**
Location: Benecia, CA

Significance: Electrical engineering and design for a 10,500 sq ft addition to the existing kitchen and cafeteria. Design included lighting, power and extension of existing fire alarm, master clock, intercom, data and television infrastructure.
- Project:** **Benecia High School Gymnasium Addition**
Location: Benecia, CA

Significance: Electrical engineering and design for a 10,000 sq ft two story addition to the existing Gymnasium. Design included lighting, power and extension of existing fire alarm, master clock, intercom, data and television infrastructure.
- Project:** **Franklin High School**
Location: Stockton, CA

Significance: Complete electrical engineering and modernization of an existing 125,000 sq ft high school in Stockton, California. Project included upgrading and replacing existing electrical and lighting systems for the entire campus, classrooms, Library Building, Arts Building, kitchen & dining facilities, gymnasium and Science Building. Design included lighting, power, fire alarm and computer systems.
- Project:** **Hiram Johnson High School**
Location: Sacramento, CA

Significance: Complete electrical engineering and modernization of an existing 125,000 sq ft high school in Sacramento, California. Project included upgrading and replacing existing electrical and lighting systems for the entire campus, classroom, Music Building, kitchen & dining facilities, and gymnasium. Design included lighting, power, telephone/intercom and computer systems.

- Project:** **Merced High School**
Location: Merced, CA

Significance: Complete electrical engineering and design of a new 158,000 sq ft high school in Merced, Calif. Project included permanent & portable classrooms, multi-purpose building, Performing Arts Building, kitchen & dining facilities for 2,000 students, gymnasium and exterior sports complex with 2 baseball fields, 2 softball fields, & football field. Design included lighting, power, fire alarm, clock, computer and intercom systems with theatrical lighting design and sound system for the performing arts building.
- Project:** **Trinity High School, Portable Classrooms
Weaverville Elementary, Portable Classrooms**
Location: Weaverville, CA

Significance: Electrical engineering and design of power, fire alarm and telephone systems for five new portables at Trinity High School. Engineering and design of power, fire alarm, clock, computer and intercom systems for five portables (including relocation of 2 existing portables) at Weaverville Elementary.

MIDDLE SCHOOLS

- Project:** **2nd Rocklin Middle School**
Location: Rocklin, CA

Significance: Electrical engineering and design for a new 62,000 sq ft middle school. Project included permanent & portable classrooms, administration building, library building, science wing, technology & art lab building, multi-purpose building, gymnasium & locker building, kitchen, multi-use and athletic fields. Design included lighting, power, intercom & multi-media retrieval, fire alarm, security alarm, master clock, data, television and telephone system distribution.
- Project:** **New Livingston Middle School**
Location: Livingston, CA

Significance: Electrical Engineering and design for a new 58,000 sq ft middle school. Project included permanent and portable classrooms, administration building, library building, science wing, technology & art lab building, multi-purpose building, gymnasium & locker building, kitchen and athletic fields. Design included lighting, power, intercom & multi-media retrieval, fire alarm, security alarm, master clock, data, television and telephone system distribution.
- Project:** **Existing Livingston Middle School Low Voltage Systems Modernization**
Location: Livingston, CA

Significance: Project included replacing existing campus intercom, telephone, master clock system and new infrastructure for data distribution and multi-media retrieval.
- Project:** **Spring View Middle School Modernization and Addition**
Location: Rocklin, CA

Significance: Project modernization included renovating existing administration, library, classroom wing, art and shop buildings. Project additions included new permanent and portable classroom, science wing, gymnasium, counseling offices, kitchen, outside amphitheater and home economics building. Design included lighting, power, intercom & multi-media retrieval, fire alarm, security alarm, master clock, data, television and telephone system distribution.

ELEMENTARY SCHOOLS

- **Project:** Existing Campus Park Elementary School Low Voltage Systems Modernization
Location: Livingston, CA

Significance: Project included replacing existing campus intercom, telephone, master clock system and new infrastructure for data distribution and multi-media retrieval.
- **Project:** Washington Elementary Modernization
Location: Sacramento, CA

Significance: Electrical engineering and design for an elementary school. Design included upgrading and replacing existing systems and components. Expanding and upgrading existing telephone system, fire alarm system and intercom and master clock system.
- **Project:** Golden Empire Elementary
Location: Sacramento, CA

Significance: Electrical engineering and design for an elementary school. Design included modernizing existing electrical systems. Site layout including all electrical lighting and power changes and additions. There was also a design of a new telephone system, fire alarm system, and intercom and master clock system.
- **Project:** Pioneer Elementary
Location: Pioneer, CA

Significance: Electrical engineering and design an elementary school. Design included a heating system upgrade. Power plan including power distribution, convenience outlets and power to mechanical equipment. Design also involved a fire alarm system as required for the heating system.
- **Project:** Edwin Markham Elementary Modernization Increment II
Location: Vacaville, CA

Significance: Electrical engineering and design for an elementary school. Design included modernizing exterior lighting, kitchen lighting, administration lighting, and multipurpose room lighting. Design also included fully automatic fire system, replacing existing feeders, electronic infrastructure, miscellaneous building repairs (lighting), power for new exhaust fans, electrical secondary distribution, and repairing trough lights.
- **Project:** Hemlock Elementary
Location: Vacaville, CA

Significance: Electrical engineering and design for an elementary school. Design included modernizing low voltage conduit backbone, classroom raceway including power, new main service, electrical distribution, master clock/bell, restroom lighting, mechanical room lighting, kitchen and administration lighting, and multipurpose room lighting. Design also included repairing trough lights, distribution for new HVAC, and power for new exhaust fans.

- Project:** **Chester Elementary**
Location: Quincy, CA
Significance: Electrical engineering and design for an elementary school. Design included a heating system upgrade. Power plan including power distribution, convenience outlets and power to mechanical equipment along with a new fire alarm system design for the addition of the new mechanical systems.
- Project:** **Mariam Anderson Elementary Modernization**
Location: Sacramento, CA
Significance: Electrical engineering and design for a elementary school. Design included upgrading and replacing existing systems and components. Lighting plan including selection of fixtures, fixture schedules and branch circuiting for new lighting system. Power plan including power distribution, convenience outlets and power to mechanical and other system additions.
- Project:** **Northwood Elementary**
Location: Sacramento, CA
Significance: Electrical engineering and design for an elementary school. Design included new computer power, data conduit, lighting, fire alarm, intercom/clock security and power additions.
- Project:** **Vinewood Elementary**
Location: Lodi, CA
Significance: Electrical engineering and design for an elementary school. Design included replacing the fire alarm system, campus wide.