



BACKGROUND

Weld Fickel brings twenty (20) years experience to Bender Engineering + Commissioning, Inc. Mr. Fickel started his engineering career in Bakersfield, California designing and producing construction documents for industrial mechanical projects. Tasks included petrochemical processing facilities, natural gas vehicle fueling station design, geothermal steam piping design and analysis and AutoCAD drafting. Looking to expand on professional and personal experiences brought Weld to Palo Alto, California with a focus on building heating, ventilation and air conditioning system (HVAC) and plumbing design. With the Palo Alto firm, Mr. Fickel developed extensive commercial, institutional, retail, and residential project experience including work on a 35,000 square foot LEED™ Silver project incorporating a ground source heat pump system.

Mr. Fickel's focused experience of building HVAC and plumbing design coupled with the industrial experience allows for excellent problem solving and technical writing (for specifications, reports and clear client communication) skills and extensive energy modeling experience. Additionally, Weld has a proven successful track record with Division of the State Architect projects.

SELECT PROJECT EXPERIENCE

- The Lodge at Lakeview – South Lake Tahoe, California
- 35,000 sq. ft. office and dental suite building - Palo Alto, California
- Renovations at five campuses of the Burlingame Elementary School District
- Renovations and new buildings at six campuses of the Campbell Union High School District
- Specially concealed environmental system for the museum at Mission San Jose – Fremont, California
- 600 Ton capacity cooling system for network server farm for an international computer chip manufacturer – Sunnyvale, California
- CNG bus refueling station for Sacramento Regional Transit District – Sacramento, California
- 45,000 sq. ft. office building and light manufacturing for a national laboratory – Livermore, California
- 6,000 sq. ft residence using radiant heat and force air fan coil cooling with a gas absorption chiller – Los Alto Hills, California

PROFESSIONAL REGISTRATIONS

- California EIT#: XE06686

EDUCATION

- B.S., Mechanical Engineering,
California Polytechnic State University, San Luis Obispo, California

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