
STEVEN AINSWORTH, M.E.



STEVEN HAS OVER
42 YEARS OF
EXPERIENCE,
PRIMARILY IN
AREAS OF
EDUCATION AND
HEALTHCARE
FACILITY DESIGN.

Title: Principal Mechanical Engineer, LEED Accredited Professional

Education: Bachelor of Science ➤ Engineering ➤ Concentration in Air Conditioning and Refrigeration ➤ California Polytechnic State University, San Luis Obispo.

Licenses: Mechanical Engineer, California: #M-22685, Nevada: #M-8139, Hawaii: #M-9138, Colorado: #M-32720, Idaho: #M8911, Mississippi: #M-14089, Washington: # M-36729

Professional Affiliations: American Society of Heating, Refrigerating and Air Conditioning Engineers, Consulting Engineers and Land Surveyors of California, California Society of Hospital Engineers.

Experience & Qualifications: Steven has more than forty-two years of mechanical engineering experience, primarily in the area of healthcare facility, laboratory and university design. Steve has been a principal of the firm since 1988.

As a Principal Engineer, Steven has extensive knowledge and experience in the mechanical design for all types of education and healthcare facilities. He has been involved in excess of 700 healthcare orientated projects and over 400 education related projects. Projects range from complete new facilities with large central plants to remodeling within the confines of an existing building. He also has experience in laboratory, data center and office building design.

Steven is responsible for design activity, supervision of engineering and production personnel, specification writing, construction observation and corporate administration.

PROJECTS:

UNIVERSITY OF NEVADA, RENO
PENNINGTON STUDENT
ACHIEVEMENT CENTER

Steven was the Principal Engineer for the design of the new 70,000 square foot mixed use building containing classrooms, study areas, and various specialty departments. The project involved three new custom rooftop air handling units coupled with over 90 variable air volume terminal units, a central mechanical room containing distribution pumps and a high temperature water-to-water heat exchanger, and site modifications to distribute chilled and high temperature hot water to/from the building.

UNIVERSITY OF NEVADA, RENO
CENTER FOR MOLECULAR
MEDICINE

Steven was the Principal Engineer for the Medical School Research Lab. The project included numerous BSL III lab spaces, teaching offices and a full medical office building. The central boiler plant included two 150 BHP high pressure steam boilers and three 150 BHP hot water boilers. All of the boilers and associated pumps are controlled by a master plant control system that interconnects with the campus DDC control system.

ALTA BATES SUMMIT MEDICAL
CENTER – PATIENT TOWER

Steven was the Principal Engineer for the design of the new thirteen story patient medical tower. The new tower includes a large main entry lobby, numerous pharmacies, nuclear medicine spaces, central dialysis treatment functions, a full commercial kitchen, and ten level of patient floors. The total building area is 240,000 square feet and the design involved an office team of over five people with weekly coordination occurring on site with the owner and GMP contractor. The project included new central boiler and chiller plants and was designed and certified to USGBC LEED Silver standards.