

BRIEF BIOGRAPHY

Alan J. Brown, P.E. *LEED Accredited Professional* *Principal*

Alan J. Brown has extensive experience in the engineering design and analysis of medium and low voltage electrical distribution systems, interior and exterior lighting systems, lighting controls, telecommunications infrastructure, and fire alarm systems. Other experience includes Title 24 compliance for lighting and related LEED certification, daylighting and ambient lighting systems, electrical design for photovoltaic (PV) systems, grounding, electrical system fault analysis, and protective device coordination. Mr. Brown is well experienced in identifying electrical code deficiencies and construction defects, developing construction documents, and providing expert witness services.

Selected Experience

- California State University San Marcos, California – Phase I Infrastructure (Main electrical service, central plant, roadways and parking lots)
- California Department of Corrections – Centinela State Prison Site Infrastructure (electrical service/site electrical & telecom distribution/site lighting)
- City of Coronado – Coronado City Hall and Community Center Complex, Coronado, California
- Department of Veteran's Affairs – Replace Electrical Switchboards, VA Medical Center, La Jolla, California
- Navy Southwest – Electrical Distribution Repairs, Defense Fuel Supply Point, San Pedro, California
- Navy Southwest – Combined Research Laboratory, NAWS China Lake, California
- Riviera Palm Springs Hotel Renovation, Palm Springs, California
- San Diego Community College District – West City Center Satellite Campus, San Diego, California
- San Diego International Airport, California – Assess Airport Power Supply and Distribution Infrastructure

- San Diego International Airport, California – 12kV Conversion, Terminals 1, 2E, 2W and Central Plant
- State of California – Department of Motor Vehicles, San Ysidro Field Office, San Diego, California
- UCSD Medical Center Hillcrest, San Diego, California - Retrofit Normal Power Panels (3rd – 11th floors)

Education

Bachelor's of Science Degree in Electrical Engineering (Power Option), California State University, Sacramento, California, 1987

Master's in Business Administration, University of San Diego, San Diego, California, 1992

Registration

Registered Professional Electrical Engineer, #E13353, State of California, 1990

Registered Professional Electrical Engineer, #26739, State of Arizona, 1993

Registered Professional Electrical Engineer, #10297, State of Nevada, 1993

LEED Accredited Professional – US Green Building Council

Affiliations

IEEE Power Engineering Society and Industry Application Society

Illuminating Engineering Society (Past Chapter President)

International Association of Electrical Inspectors

National Fire Protection Association

Society of American Military Engineers (Past Post President)

U.S. Green Building Council