PERSONNEL QUALIFICATIONS

James Madden | Senior Associate

EDUCATION

- California State University, Fullerton
  - Bachelor of Arts, Management Information Systems and Finance, 1986

PRACTICE AREAS

- Fire Sprinkler System Design
- Occupancy Hazard Fire Control Design
- Hass Hydraulic Analysis
- HydraCAD/AutoCAD Interface Program
- Fire Pump and Tank Design
- Code Consulting
- High-Piled Storage
- Fire Flow Analysis

CONTACT

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EXPERIENCE

James Madden has been in the fire protection industry for more than thirty-five years. His experience includes managing a fire protection supply company, software development, and training of the first sprinkler industry software design and hydraulic calculation program to interface with an AutoCAD-obtained C16 California state contractors' license, which included estimating, design, and the installation of fire sprinkler systems. Mr. Madden has also successfully completed the 10-Hour Construction Safety and Health OSHA training.

Mr. Madden works with corporate accounts, such as Costco, providing fire sprinkler, fire alarm, and code consulting services.

REPRESENTATIVE PROJECTS

Fire Sprinkler System Design (Education)

- Lincoln High School - San Diego, CA: Demolition of existing campus and design of the new campus *
- San Diego State University, Aztec Recreation Center - CA: Renovation *
- University of California at San Diego (UCSD), Roosevelt Hall: Dormitory life safety renovation *

Fire Sprinkler System Design (Other)

- Palomar Fire House - Palomar Mountain, CA
- Le Conte Battery Energy Storage System - CA
- UCSD, La Jolla Innovation Center - La Jolla, CA
- San Diego Zoo Children's Zoo Exhibits - CA
- Costco Warehouse - Murrieta, CA
- Costco Warehouse - Queen Creek, AZ
- Downtown Los Angeles High-Rise Ordinance - CA *
- Fairfax Library - Fairfax, CA
- Museum of Contemporary Art San Diego - CA *
- Oceanside Critical Stabilization Unit - Oceanside, CA
- Palomar Hospital - Poway, CA
- San Diego International Airport, Customs Area - CA *
- Sharp Grossmont Hospital - Grossmont, CA

** Indicates with previous firm*