



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.

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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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