



James P. Morizzo, P.E.

Fire Protection Engineer

James Morizzo brings more than 9 years of fire protection and fire suppression design experience to Hatcher Engineering. Based out of HEI's Oldsmar office, James is responsible for engineering, project management, and design coordination of fire sprinkler, fire alarm, and special hazard systems.

Employment History:

FIRE PROTECTION ENGINEER, Hatcher Engineering, Inc.

2021 – Present

- Responsible for the engineering design and job specifications for fire suppression and fire alarm / notification systems.
- Contractor shop drawing review, construction administration (when applicable), and quality control review of company design documents.
- Create shop drawings for automatic fire sprinkler systems using AutoCAD and Revit with the overlay program HydraCAD.
- Coordinate projects with other trades using 3D models and clash detection in Navisworks Manage.
- Independent 3rd Party Review of fire protection systems, life safety systems, and safety regulations (NFPA, UFC, OSHA, EPA) for various projects.
- Performs field surveys and inspections of fire protection systems and fire protection related building systems.

FIRE PROTECTION SYSTEM DESIGNER, Hatcher Engineering, Inc.

2017 – 2021

- Create engineering design drawings for fire suppression and fire alarm / notification systems
- Create shop drawings for automatic fire sprinkler systems using AutoCAD with the overlay program HydraCAD
- Perform hydraulic calculations and stocklisting of automatic fire sprinkler systems using HydraCALC and HydraLIST, respectively
- Coordinate projects with other trades using 3D models and clash detection in Navisworks Manage
- Perform field surveys of existing fire sprinkler and fire alarm systems

EDUCATION

B.S., Mechanical Engineering, University of South Florida, 2016

A.A., Santa Fe College, 2012

YEARS OF EXPERIENCE

9 — Hatcher Engineering

CERTIFICATIONS

Certified NICET Level 2, Water-Based Layout (formerly Automatic Sprinkler), License No. 151292

Professional Engineer licensed in Florida, New York, and Ohio

PROFESSIONAL AFFILIATIONS

Society of Fire Protection Engineers (SFPE)

National Fire Protection Association (NFPA)