



EDUCATION

- Illinois Institute of Technology
 - Bachelor of Science, Architectural Engineering, 2016
 - Certificate, Engineering Graphics and CAD, 2016
 - Masters of Architectural Engineering, 2016

PRACTICE AREAS

- Fire Protection Engineering
- Modeling
- Building Assessments
- Code Analysis

PROFESSIONAL AFFILIATIONS

- National Fire Protection Association (NFPA)
- Society of Fire Protection Engineers (SFPE)

CONTACT

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EXPERIENCE

Elizabeth Mullin joined WJE in 2016. She is a skilled draftsman and modeler, proficient in many types of computer-aided design (CAD) software programs, including AutoCAD, Revit, and Bluebeam, as well as programming languages used to model and calculate building aspects such as Fire Dynamics Simulator (FDS) and fire and egress modeling programs such as Pyrosim and Pathfinder. She also conducts code analyses and building assessments. Ms. Mullin is a licensed Engineer-in-Training (EIT) and is currently working to obtain her professional engineering license.

Prior to joining WJE, Ms. Mullin studied fire protection and building systems as part of the architectural engineering program at the Illinois Institute of Technology. As part of a special projects program, Ms. Mullin reviewed literature on fire alarm systems, and researched and tested the campus' fire alarm systems to determine the cause of false alarms and strategies to mitigate them.

REPRESENTATIVE PROJECTS

Fire Protection Engineering

- Belmont Village Senior Living: Chlorinated polyvinyl chloride (CPVC) pipe compatible materials detailing

Building Assessments

- Evanston Hospital - Evanston, IL: NFPA 101A Hospital Fire Safety Evaluation System (FSES) assessment
- One Belleview Station - Denver, CO: Grout quality control
- Colorado Center Tower Three - Denver, CO: Grout quality control

Code Analysis

- Original Mount Vernon High School - Alexandria, VA: Building code analysis
- Odysseo by Cavalia San Jose - San Jose, CA: Life safety review and calculations
- Wolf Point East Tower - Chicago, IL: Building code analysis and fire protection program narrative