



COMMUNITY RISK REDUCTION FACT SHEET #1

MAIN RISK FACTORS

- ✓ New Construction And Significant Remodels
- ✓ Buildings Requiring Permitting And Inspection
- ✓ Existing Buildings Not Compliant With Codes
- ✓ Homes And Other Residential Properties
- ✓ Limited Or Non-Occupied Buildings
- ✓ Outdoor Fires

STRATEGIES

- ✓ Develop a plan to adopt the latest building and fire code
- ✓ Create a plan to implement adopt fire sprinkler requirements
- ✓ Implement inspection policies
- ✓ Know which existing buildings are not to code
- ✓ Perform Home Safety Checks
- ✓ Create Training and Response Policies for Limited Occupancy and non-occupied buildings
- ✓ Create Training and Response Policies for outdoor fires

MOST EFFECTIVE INTERVENTIONS

- ✓ Adoption of the latest building and fire codes
- ✓ Construction Features
- ✓ Automatic Detection and Alarm Systems
- ✓ Automatic Fire Sprinkler System

AS A FIRE SERVICE PROFESSIONAL, YOU ARE ALSO AN ADVOCATE FOR SAFER COMMUNITIES. IT IS YOUR JOB AND YOUR MORAL OBLIGATION TO LEARN ALL YOU CAN TO BUILD A SAFER ENVIRONMENT THROUGH ENGINEERING.



ENGINEERING OVERVIEW

Community Risk Reduction in engineering, particularly in the built environment, is important to citizens and firefighters because it is the intervention prior to the arrival of emergency responders. Engineering features in a building, from homes to high-rises, are the mitigating factors that minimize the impact to communities, citizens, firefighters and the families that support them all. Our role in the installation, inspection, testing, and maintenance of engineering systems is vital to life safety. Let's do our part and utilize the engineering component of the 3 Es of fire prevention to reduce our community risks.

There are many components to engineering when considering fire and life safety in a building. From the engineered construction components utilized in the construction of the building to early detection, early suppression, and compartmentalization features of the building, we must ensure there is a complete system that is installed in accordance with the latest code.