



## Armada Township Fire Department

23175 Armada Center Road  
Armada Township, MI 48005

[www.armadatwp.org/fire-department](http://www.armadatwp.org/fire-department)

Phone: (586) 784-9464  
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### Life Safety Plan Review Requirements

#### **General Requirements:**

- A written cover sheet and scope of work letter included with two complete sets of site plans, architectural plans, structural plans, fire alarm system plans, fire suppression system plans and material specifications of all work shall be submitted along with a final PDF version of all required documents and drawings
- All drawings shall contain date, signature and seal of State Licensed architect or engineer responsible for design
- Title block including project address must be printed on every sheet in the plan set
- Legend for all symbols & abbreviations used

#### **Cover Sheet and Scope of Work Letter Requirements:**

- Project name and address
- Name, address and contact information of property owner or the tenant responsible for the project
- Name, address and contact information of State Licensed architect or engineer responsible for design
- Description of proposed land use
- The scope of work and detailed narrative for all phases clearly defined
- All codes and editions used
- Use of occupancy classification and type of construction
- Floor area in square feet, number of stories, total height of structure and top floor height

#### **Site Plan Requirements:**

- Fire hydrant locations with distance dimensioning (existing and proposed)
- Fire Department access including roadways (dimensioned)
- North directional arrow
- Site dimensions and street names
- Locations of existing buildings
- Location of curb cuts & service drive from the street(s)
- Curb cut construction details & dimensions
- Fencing, barriers, barricades, bollards (type), gates (widths)
- Location of any obstructions (i.e. water bodies, etc.)
- Property boundaries and dimensions
- Public and private easements
- Existing and proposed contour lines
- Location of any dumpsters/trash receptacle storage area
- Parking stall types delineated & dimensioned
- Sidewalks, stairs, ramps, walls, etc.
- On site existing utility and extension locations for power/gas
- Water main location and sizes

#### **Architectural/Structural Plan Requirements:**

- Floor plans with all areas clearly labeled
- Occupant load including occupant load factor
- Occupant load per exit door including occupant load factor
- Roof assembly construction and rating
- Interior finishes classification

- Fire wall, fire barrier and fire partition details
- Knox box location
- Knox box or approved master power shut off location (new construction)
- Elevator details
- Area of refuge/area for assisted rescue details
- Location and size of electrical service, meter, disconnects, panels, transformer, etc.
- Location of gas meter and shut off valves
- Ramp and stair details
- Door hardware identified (ADA, panic, access/egress controlled, etc.)
- Exits, emergency lighting, and exit lighting/signage
- Fire door and window ratings
- Fire Extinguisher locations, size, types

**Fire Detection and Alarm System Plan Requirements:**

- Floor plan with location of devices shown
- Location of alarm initiating and notification appliances
- Alarm control and trouble signaling equipment
- Annunciation
- Power connection
- Conductor type and sizes
- Voltage drop and battery calculations
- Details of ceiling heights and construction
- The interface of fire safety control functions
- Manufacturer's model numbers and listing information for equipment, devices, and Materials
- Any other NFPA required information

**Fire Suppression System Plan Requirements:**

- Floor plan with location of sprinklers
- Riser diagram
- Backflow devices
- Pipe locations and sizes
- Design criteria
- Hydraulic calculations
- Sprinkler types
- Size and length of underground supply
- Manufacturer's equipment data sheets
- Commercial cooking hood duct and suppression system plan including elevation view of all appliances, and manufacturer's system design chart
- Alternative halon/dry or wet chemical/CO2 suppression system plan including all manufacturer equipment data sheets
- Any other NFPA required information

**Other Fire Safety Review Requirements:**

- Location of all fuel burning appliance with ducting
- Fire and smoke damper locations & listed assemblies
- Refrigeration storage and machinery rooms design details
- Access and location to mechanical equipment on roof of building
- Note location of storage rooms/areas, with type/commodity and height of contents
- Details and specifications for any high-piled combustible storage
- Hazardous materials storage, handling, and use details



## ARMADA TOWNSHIP FIRE DEPARTMENT COMMUNITY SAFETY FEE SCHEDULE

This fee schedule has been adopted by resolution of the Armada Township Board of Trustees at their regular meeting held December 13, 2023, and will be effective immediately upon the day following publication.

Life Safety Plan Review	Fee
Initial Site Pan Review	\$200 + \$2.50 per acre
New Construction ***	\$200 per building + \$0.02 per square foot *
Existing construction addition / renovation ***	\$200 + \$0.02 per square foot or addition/renovation *
Outdoor Spectator Seating	\$150 + \$0.02 per square foot of seating area **
Fire Alarm System ***	\$150 + \$1.50 per device
Fire Suppression sprinkler system ***	\$150 + \$1.50 per sprinkler
Dry chem / clean agent suppression ***	\$150 per system + \$0.50 per pound of agent
Wet chemical suppression ***	\$150 per system + \$7.00 per nozzle
Hood & Duct system	\$150 per hood
Fire pump / standpipe systems ***	\$200 per unit
Smoke Control Systems	\$150 per system + hourly rate of reviewer
Special events	\$150 per event
Tents / Temporary membrane structure	\$100 Per Tent / structure
Fireworks displays	\$125 per display

### Life Safety Inspections

Periodic Life Safety	No Charge
Acceptance testing	\$75 per fire protection system + hourly rate of inspector
New construction / alteration 50% inspection ***	\$100 per building + hourly rate of inspector
New construction / alteration Final ***	\$125 per building + hourly rate of inspector
Mobile Food truck	\$75 per unit
Site Inspection Miscellaneous	\$150 if not specified in permit
2nd or 3rd re-inspection	No Charge
4th and additional re-inspections	\$150 each + hourly rate of inspector or ticket / fine

\*\*\* All new or existing commercial buildings or any fire protection systems may be subject to third party reviews. The cost of third-party review is determined by the consultant chosen by the ATFD and shall be covered by the applicant. Any fire protection systems requiring third-party review will be charged a \$100 administration fee per system plus cost of third-party review and any associated third-party and ATFD inspection fees in lieu of listed fees specific to system type(s) being reviewed. Any commercial building requiring third-party review will be charged a \$150 administrative fee per building plus cost of third-party review and any associated third-party and ATFD inspection fees in lieu of listed fees specific to new construction and existing construction addition/renovation.

\* Buildings - Square footage is defined as the total area of the structure(s) under roof.

\*\* Outdoor spectator seating- Square footage is defined as total combined area of seating and aisle ways

\*Published 12/27/2023