

**TOWNSHIP OF ARMADA  
MACOMB COUNTY, MICHIGAN**

**ORDINANCE NO. R2020-26**

**ARMADA TOWNSHIP FIRE PREVENTION & PROTECTION ORDINANCE**

**TITLE**

AN ORDINANCE (a) adopting by reference the International Fire Code 2018 Edition, including appendices, as modified pursuant to the provisions of this Ordinance, (b) prescribe minimum requirements and controls consistent with nationally recognized good practice to safeguard life, property and the public welfare from the hazards of fire, explosion and other dangerous conditions, (c) providing for the installation of rapid entry key boxes, for utilization by the Armada Township Fire Department in gaining access to various structures within the Township, and (d) repealing any and all ordinances and/or resolutions in conflict therewith.

**THE TOWNSHIP BOARD OF THE TOWNSHIP OF ARMADA,  
MACOMB COUNTY, MICHIGAN, ORDAINS:**

**SECTION 1 - FIRE PREVENTION CODE**

This Ordinance shall be known and cited as the "Armada Township Fire Prevention Code."

(1) International Fire Code 2018 Adopted. The International Fire Code, 2018 Edition, including its appendices, as published by the International Code Council, is adopted and incorporated in its entirety herein, except for those deletions and additions set forth in subsection (4) below. References in the Code to the "State" shall refer to the State of Michigan. References to the "name of the municipality" shall refer to the Township of Armada, Macomb County, Michigan. References to the "local ordinances" shall refer to the Armada Township Ordinances.

(2) Availability of copies of International Fire Code, 2018 Edition. Printed copies of the International Fire Code, 2018 Edition and its appendices are kept in the Township of Armada offices, Armada Township Fire Department and are available for public use and inspection during regular business hours. A copy of the International Fire Code in its entirety can also be found at: <http://publicecodes.cyberregs.com/icod/ifc/2018/index.htm> or any subsequent amended link.

(3) Additions, Insertions, Deletions, and Changes to the International Fire Code, 2018 Edition. The Township of Armada adopts the additions, insertions, deletions, and changes from the International Fire Code, 2018 Edition set forth in subsection (4) below. Subsequent sections numbers used in this section shall refer to the like numbered sections of the International Fire Code, 2018 Edition.

(4) Amendments to the International Fire Code, 2018 Edition. The following sections of the International Fire Code, 2018 Edition shall be amended or revised as follows:

a. Section 101.1 shall be amended to read as follows:

101.1 Title. These regulations shall be known as the Fire Prevention Code of the Township of Armada ("this Code").

b. Section 102.7 shall be amended to read as follows:

102.7 Referenced Codes and Standards. The codes and standards referenced in this Code shall include those listed in Chapter 80 of the International Fire Code and such codes and standards shall be considered part of the requirements of this Code to the prescribed extent of each such reference and as further regulated in Sections 102.7.1 and 102.7.2.

c. Section 102.7.1 shall be amended to read as follows:

102.7.1 Conflicts. Where conflicts occur between provisions of this Code and the referenced codes and standards, the provisions which establish higher standard for the promotion of the safety and welfare of the public, and the protection of the public, or as otherwise determined by State of Michigan Law, shall apply.

d. Section 104.11.4 shall be added and read as follows:

104.11.4 Unlawful boarding or tampering with fire department equipment. A person shall not, without proper authorization from the fire official of the fire department emergency equipment, cling to, climb upon or into, board, or swing upon any fire department emergency vehicle, whether the same is in motion or at rest, operate any emergency warning equipment, or manipulate or tamper with any levers, valves, switches, starting devices, brakes, pumps, or any equipment or protective clothing on, or a part of, any fire department emergency vehicle.

e. Section 104.11.5 shall be added and read as follows:

104.11.5 Damage/injury to fire department equipment/personnel. It shall be unlawful for any person to damage or deface, or to attempt or conspire to damage or deface, any fire department emergency vehicle or equipment at any time; or to injure, or conspire to injure, fire department personnel while performing department duties.

f. Section 105.1 shall be amended to read as follows:

105.1 General. Permits shall be in accordance with section 105.1 through 105.7.25. Where reference is made to this section for permits elsewhere in this Code and there are no provisions for issuing the permits by the department of fire prevention, the Fire Code Official is authorized to waive the particular permit requirement.

g. Section 105.4.2.2 shall be added to read as follows:

105.4.2.2 Signed and Sealed construction documents. Construction documents submitted to the Fire Code Official for review shall be signed and sealed by the design professional prior to submittal.

h. Section 105.6 shall be amended to read as follows:

105.6 Required operational permits. The Fire Code Official is authorized to issue operational permits for the operations set forth in sections 105.6.1 through 105.6.46. Where there are no provisions for issuing the permits, the code official is authorized to waive the particular permit requirement.

i. Section 105.6.13 shall be amended to read as follows:

105.6.13 Exhibits, crafts and trade shows. An operational permit is required to operate exhibits, crafts, and trade shows.

j. Section 105.6.32 shall be amended to read as follows:

105.6.32 Open burning. All open burning shall be in compliance with the Armada Township Open Burning Ordinance, being Ordinance No. R2016-19, as amended.

k. Section 105.7.1.1 shall be added and read as follows:

105.7.1.1 Installations. Before any fire suppression system or component is installed, enlarged, extended or modified, a permit shall be obtained from the Fire Code Official. This shall include any device or relay connected to or controlled by the fire suppression system. All work must be performed by a qualified installer who is properly licensed and/or certified to perform such work as determined by the Fire Code Official. Construction documents shall be reviewed by the Fire Code Official and/or a third party, prior to the issuance of the permit. Upon issuance of the permit, the permit must be posted at the job site in plain view.

l. Section 105.7.7.1 shall be added and read as follows:

105.7.7.1 Installations. Before any fire alarm or detection system or component is installed, enlarged, extended or modified, a permit shall be obtained from the Fire Code Official. This shall include auxiliary devices such as magnetic locks, electronic locks, or any device or relay connected to or controlled by the fire alarm or detection system. All work must be performed by a qualified installer who is properly licensed and/or certified

to perform such work as determined by the Fire Code Official. Construction documents shall be reviewed by the code official and/or a third party prior to the issuance of the permit. Upon issuance of the permit, the permit must be posted at the job site in plain view.

m. Section 108.1.1 shall be added and read as follows:

108.1.1 Dryer vent maintenance. It shall be the responsibility of the owner of each multiple family building occupied by tenants to provide or make available to the code official, inspection records, documenting that the dryer vents were inspected monthly, cleaned, and free from obstructions.

n. Section 110.4 shall be amended to read as follows:

110.4 Violation penalties. Persons who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the code official, or of a permit or certificate used under provisions of this Code, shall be guilty of a misdemeanor, punishable by a fine of not more than \$500.00 or by imprisonment not exceeding 90 days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

o. Section 315.3.3 shall be amended to read as follows:

315.3.3 Miscellaneous combustible material storage. Combustible materials shall not be stored in boiler rooms, mechanical rooms, electrical equipment rooms, fire command centers or fire protection equipment rooms.

p. Section 316.6.3 shall be added and read as follows:

316.6.3 Hazardous materials fire department responsibilities. The Armada Township Fire Department shall be responsible for gathering and organizing information, identifying risks, and enforcing codes, standards, and laws relating to the production, storage and use of hazardous materials within the Township of Armada and the notification of firefighting personnel of related hazards. The method and frequency shall be determined by the fire official or his duly authorized representative.

q. Section 506.3 shall be added and read as follows:

506.3 Knox Box. All new construction of commercial buildings shall require a KNOX-VAULT 4500 Series Power Shutdown or an alternative solution approved by the Fire Code Official, in an approved location on the exterior of the building.

r. Section 507.5.2 shall be added and read as follows:

507.5.2 Fire Hydrants Required. When, under the provisions of this code, the size, occupancy classification or character of a building or group of buildings warrants the installation and construction of one (1) or more fire hydrants on private land or public

property to provide proper fire protection for said buildings, the Fire Code Official shall specify the connection type, location and number of such hydrants and the size and arrangements of the water mains supplying said hydrants, consistent with the provisions of this code.

s. Section 901.6.3.2 shall be added and read as follows:

901.6.3.2 Reports Required. Written reports of service, maintenance, recharging and testing of fire protection systems as defined in Chapter 9 of this code or Chapter 9 of the International Building Code, 2018 edition, shall be electronically submitted to the fire department using the Inspection Reports Online Service and System.

t. Section 912.8 shall be added and read as follows:

912.8 Fire Department Connection Requirement. In any building or structure required to be equipped with a fire department connection, the connection shall be located within one hundred (100) feet of a fire hydrant and within fifty (50) feet of a minimum twenty (20) feet wide paved driveway or street. The location of the fire department connection shall be approved by the Fire Code Official. Gas meters, propane tanks, overhead electrical services and transformers shall not be located on the same side of the building or structure as the fire department connection unless a clear distance of one hundred fifty (150) feet can be maintained between the utilities and the fire department connection. All required fire department connections shall be equipped with a single 5" Storz connection. A horn and white strobe light shall be installed directly above the fire department connection and shall be connected to the water flow alarm valve or water flow switch. A water flow alarm valve or water flow switch activation shall activate the horn and strobe.

u. Section 2303.3 shall be added and read as follows:

2303.3 Fire Extinguishing System. An Underwriters Laboratories approved fixed-pipe fire extinguishing system, provided with both automatic and manual controls, shall be installed at each pump island of a gasoline dispensing station open to the general public. Such extinguishing systems shall be approved by the Fire Code Official and may be subject to third party review. The manual control shall be clearly identified, easily accessible and installed at the control console. All employees shall be trained as to the location and use of the remote control manual operation of the system. Each extinguisher head shall be installed in such a manner that the accumulation of ice and snow shall not adversely affect the operation of the system.

## Sec. 1.2 - **Definitions**.

"Fire Prevention Code Official" or "Fire Code Official" shall mean the Armada Township Fire Chief or his designee.

"Authorized emergency vehicle" shall mean and be restricted to those which are defined and authorized under the laws of the State of Michigan.

“Street” shall mean any roadway accessible to the public for vehicular traffic, including, but not limited to, private streets or access lanes, as well as all public streets and highways within the boundaries of the Township.

**Sec. 1.3 - Cost Recovery-Hazardous Materials.**

Cost recovery for hazardous material spills, accidents or incidents shall be in compliance with Armada Township Hazardous Material Abatement Ordinance, Ordinance No. 05-01, as amended, or any successor Ordinance thereto.

**Sec. 1.4 – Obstruction of Fire Apparatus Access Roads.**

If any vehicle, trailer, or other object is so located within a fire apparatus access road or at any other location prohibited by this Ordinance at a time the fire department is responding to an alarm which necessitates use of such fire apparatus road and/or other location, then any member of the fire department or the Macomb County Sheriff Department may move or cause to be moved by any means necessary without liability for any damage being incurred by the Township of Armada, County of Macomb, or any employee or agent of either employer.

**Sec. 1.5 – Removal of Obstructions.**

If upon the expiration of the time mentioned in a notice of violation, obstructions or encroachments to a fire hydrant, or to other fire protection equipment, are not removed, the code official shall proceed to remove or have removed the same. The expense incurred shall be a debt to the Township from the responsible person and shall be collected as any other debt to the Township.

**Sec. 1.6 – Vehicles Crossing Fire Hose.**

A vehicle shall not be driven or propelled over any unprotected fire hose of the fire department when laid down on any street, alleyway, private drive or any other vehicular roadway without the consent of the Fire Code Official in command of the operation.

**Sec. 1.7 - Operation of vehicles on approach of authorized emergency vehicles.**

Upon the approach of any authorized emergency vehicle, giving audible and visual signal, the operator of every other vehicle shall immediately drive the same to a position as near as possible and parallel to the right-hand edge or curb of the street or roadway, clear of any intersection, and shall stop and remain in such position until the authorized emergency vehicle or vehicles shall have passed, unless otherwise directed by the Fire Prevention Code Official or a police officer or Sheriff deputy.

**Sec. 1.8 - Vehicles following fire apparatus.**

It shall be unlawful for the operator of any vehicle, other than one on official business, to follow closer than 500 feet from any fire apparatus traveling in response to a fire alarm,

or to drive any vehicle within the block or immediate area where fire apparatus has stopped in answer to a fire alarm.

**Sec. 1.9 - Blocking fire hydrants and fire department connections.**

It shall be unlawful to obscure from view, damage, deface, obstruct or restrict the access to any fire hydrant or Fire Department connection. No parking shall be permitted and/or no obstruction shall be placed or constructed within 15 feet of a fire hydrant or fire department connection, public or private.

**Sec. 1.10 - Hydrant use and approval.**

A person shall not use or operate any fire hydrant intended for use of the fire department for fire suppression purposes unless such person first secures a permit for such use from the Fire Code Official and the water company having jurisdiction. This section shall not apply to the use of such hydrants by a person employed by, and authorized to make such use by, the water department

**Sec. 1.11 - Maintenance of fire suppression equipment.**

A person shall not obstruct, remove, tamper with or otherwise disturb any fire hydrant or fire appliance required to be installed or maintained under the provisions of the Fire Prevention Code except for the purpose of extinguishing fire, training or testing purposes, recharging, or making necessary repairs, or when permitted by the Fire Code Official. Whenever a fire appliance is removed as herein permitted, it shall be replaced or re-installed as soon as the purpose for which it was removed has been accomplished. Defective and non-approved fire appliances or equipment shall be replaced or repaired as directed by the Fire Code Official.

**Sec. 1.12 - Sale of Defective Fire Extinguishers.**

A person shall not sell, trade, loan or give away any form, type or kind of fire extinguisher which is not approved by the Fire Code Official, or which is not in proper working order, or the contents of which do not meet the requirements of the Fire Code Official. The requirements of this section shall not apply to the sale, trade or exchange of obsolete or damaged equipment for junk when said units are permanently disfigured or marked with a permanent sign identifying the unit as junk.

**Sec. 1.13 - Street Obstructions.**

A person or persons shall not erect, construct, place or maintain any bumps, fences, gates, chains, bars, pipes, wood or metal horses or any other type of obstruction in or on any street, within the boundaries of the municipality. The word "street" as used in the ordinance, shall mean any roadway accessible to the public for vehicular traffic, including, but not limited to, private streets or access lanes, as well as all public streets and highways within the boundaries of the municipality.

**Sec. 1.14 – Vehicles Crossing Fire Hose.**

A vehicle shall not be driven or propelled over any fire hose of the Fire Department when laid down on any street, alleyway, private drive or property or any other vehicular roadway without the consent of the Fire Code Official or any duly authorized representatives in command of the operation.

**Sec. 1.15 - Interference with Department Operations.**

It shall be unlawful to interfere with, conspire to interfere with, obstruct or restrict the mobility of, or block the path of travel of any Fire Department emergency vehicle in any way, or to interfere with, attempt to interfere with, conspire to interfere with, obstruct or hamper any Fire Department operation.

**SECTION 2 – RAPID ENTRY ACCESS – KEY LOCK BOX**

There shall be a key lock box installed in all new buildings and existing buildings where access is restricted by a driveway security gate or where the Fire Code Official determines that access to or within a structure or an area is unduly difficult because of secured openings and where immediate access is necessary for life-saving or firefighting purposes due to a specific hazard or occupancy type. Residential single or two family dwellings and government facilities shall be exempt. The key box shall be the Knox Box brand and location shall be approved by the Fire Code Official. Depending on size or type of occupancy, multiple key lock boxes and locations of key lock boxes may be required by the Fire Code Official. Approved key lock boxes shall contain:

1. Labeled keys to locked points of ingress, whether on the interior or exterior of such buildings
2. Labeled keys to security gates obstructing building access
3. Labeled keys to locked mechanical and electrical equipment rooms
4. Labeled keys to fire suppression control rooms
5. Labeled keys to elevator control rooms
6. Labeled elevator emergency operations keys
7. Keys to other areas as directed by the Fire Code Official

If at any time the keys stored in the lock box change, then the building owner or manager is to notify the fire department and supply new keys to the Fire Code Official.



**SECTION 3 – VIOLATION; PENALTY**

Any person, firm or corporation which violates any provision of this Ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be fined in an amount not to exceed Five Hundred (\$500.00) Dollars or imprisoned in the Macomb County jail for a period not to exceed ninety (90) days, or by both such fine and imprisonment.

**SECTION 4 – REPEALING OF CONFLICTING PROVISIONS.**

All resolutions, ordinances or parts thereof in conflict with the provisions of this Ordinance are to the extent of such conflict hereby repealed.

**SECTION 5 - SEVERABILITY**

If any section, paragraph, clause or provision of this Ordinance is for any reason held to be invalid or unconstitutional, the invalidity or unconstitutionality of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Ordinance.

**SECTION 6 - PUBLICATION.**

A true copy of this Ordinance or a summary thereof shall be published in a newspaper of general circulation in the Township of Armada within 15 days after its adoption.

**SECTION 7 – EFFECTIVE DATE**

This Ordinance shall take effect thirty (30) days from and after the date of publication of a summary or a true copy of the Ordinance as provided in Section 6.

**CERTIFICATE OF TOWNSHIP CLERK**

I hereby certify that the foregoing constitutes a true and complete copy of an Ordinance Amendment duly adopted by the Township Board of Armada Township, Macomb County, Michigan, at a meeting held on the 12th day of November, A.D., 2020.

I hereby further certify that the following Township Board members were present at the meeting: Finlay, Goetzinger, Nikkel, Swiacki and Paterek and the following Township Board Members were absent: None

I further certify that Member Nikkel moved for the adoption of the Ordinance Amendment, and that motion was supported by Member Swiacki.

I further certify that the following Township Board Members voted for the adoption of the Ordinance Amendment:

Finlay, Goetzinger, Nikkel, Swiacki and Paterek

and that the following Township Board members voted against adoption of the Ordinance Amendment: None

*Mary K. Swiacki*

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Mary K. Swiacki, MiPMC  
Township of Armada Clerk

**CERTIFICATE OF POSTING AND PUBLICATION**

I, Mary K. Swiacki, the Township Clerk of the Township of Armada, do hereby certify that on December 2, 2020, the foregoing Ordinance was published in The Record newspaper, posted in the office of the Township Clerk and on the Township of Armada's website.

Mary K. Swiacki

Mary K. Swiacki, MiPMC  
Township of Armada Clerk