

Request For Board Action

REFERRED TO BOARD: November 2, 2015

AGENDA ITEM NO: 7

ORIGINATING DEPARTMENT: Administration

SUBJECT: Consideration of an Amendment to Village Code Section 9-6 relating to Emergency Alarm Systems

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

The Village has had an ordinance for Emergency Alarm Systems in place for some time. Technological changes in alarm systems and the associated costs for enforcement of codes and standards are constantly changing. These emergency alarm systems have proven to save lives and reduce the property losses during acts of fire or criminal situations. These same systems present a burden on emergency services when they are not maintained in a fully operational capacity. The present references to monitoring of alarms is out of date as we no longer have our own dispatch center. In addition, there are some areas that are left to interpretation leading to misunderstandings by alarm owners and enforcing bodies. Village staff has reviewed many incidents, ordinances from other municipalities and codes and standards (both adopted and current changes to be presented in the future code adoptions).

It has been determined that the Village staff needs to have the proposed revisions to this ordinance in place to efficiently and effectively educate the alarm owners and maintain a safety standard amongst our Village. The proposed ordinance changes will provide a solution to current and future enforcement problems, provide an understandable document for said owners to understand, and a means to obtain reimbursement for actual expenses incurred when responding to false or nuisance alarms.

FINANCIAL IMPACT:

The implementation of the proposed ordinance changes will allow for monitoring of required alarms by alternate sources, reducing the charges currently imposed by our current communications facility. In addition, home owners who wish to purchase and install security alarm protection can do so without having to impose on the permit process for installations and inspections. The mechanics of this ordinance provide a solution for recovering costs for legal actions for those who fail to follow these guidelines.

DOCUMENTS ATTACHED:

1. Proposed Code Amendments

RECOMMENDED MOTION:

Move to authorize the attorney to draft an ordinance amending Village Code Section 9-6 relating to Emergency Alarm Systems

Chapter 6

EMERGENCY ALARM SYSTEMS

9-6-1: TITLE:

9-6-2: DEFINITIONS:

9-6-3: ALARM HOLDER REGISTRATION AND PERMITS: 9-6-3 FIRE ALARM AND DETECTION SYSTEMS

9-6-4: DIRECT COMMUNICATIONS TO VILLAGE FACILITIES:

9-6-5: CENTRAL ANSWERING SERVICE: 9-6-5 REMOTE STATION SERVICE

9-6-6: LOCAL ALARMS:

9-6-7: FALSE ALARMS:

9-6-8: TESTING EQUIPMENT: DAILY SIGNAL TEST REQUIRED

9-6-9: DISCONNECTION AND RECONNECTION TO VILLAGE FACILITIES:

9-6-10: RESERVATION OF RIGHTS:

9-6-11: ENFORCEMENT:

9-6-12: PENALTY: SECURITY SYSTEMS AND BURGLAR ALARMS

9-6-13: WAIVERS:

9-6-1: TITLE:

This chapter, including all rules and regulations which may be adopted by the village by reference or otherwise, is entitled *EMERGENCY ALARM SYSTEMS*. (Ord. 10-02-05, 2-16-2010)

9-6-2: DEFINITIONS:

~~For the purpose of this chapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning:~~

~~ALARM HOLDER: The owner, lessor or person responsible for the existence of an alarm system within or on the premises.~~

~~ALARM SYSTEM: An assembly of equipment, components or devices arranged to signal the presence of a hazard requiring urgent attention and to which personnel of the village police and/or fire department(s) are expected to respond. Such system shall be construed to include burglar alarm systems, manual holdup alarm systems, fire detection alarm systems, fire suppression system monitoring alarm systems and local alarm systems.~~

~~APPROVED SYSTEM: With the approval and consent of the fire chief of the Antioch fire department, police chief of the Antioch police department, or his/her designee(s).~~

~~AUTOMATIC DIALERS: An alarm system that, when activated, automatically relays over regular telephone lines (as distinguished from dedicated telephone lines) a prerecorded voice message or coded signal indicating the existence of an emergency situation.~~

~~AUTOMATIC FIRE ALARM SYSTEMS: Any automatic or manual system installed in a building to detect the presence of fire or its byproducts, alerts the building's occupants by visual and audible means of the presence of a fire, and transmits the presence of an alarm condition directly or indirectly to the fire department.~~

~~AUTOMATIC SECURITY ALARM SYSTEMS: Any automatic or manual system installed in a building to detect the presence of an intrusion, warn of crime in progress (holdup) by internal activation and transmit the presence of an alarm condition directly or indirectly to the police department.~~

BURGLAR or SECURITY ALARM: An alarm system activated by signaling an entry or attempted entry into the area protected by the alarm system.

CENTRAL ANSWERING POINT: An office or place to which alarm systems signals are relayed and where operators monitor and investigate and record such alarm signals prior to ~~are responsible for~~ notifying the appropriate agency of an emergency situation. Such service is to be controlled and operated by a person, firm, or corporation whose business is furnishing, maintaining, or monitoring of supervised alarm systems. In accordance with NFPA 72, also known as Remote Station.

COMBINATION ALARM: A burglar or security alarm system activated by signaling an entry or attempted entry into the area protected by the alarm system, that also includes fire detection devices.

~~DEDICATED TELEPHONE LINE: A telephone line which has as its sole use for the transmission of an alarm signal.~~

~~DIRECT CONNECTION: A method of using a telephone line which has as its sole use the transmission of an alarm signal to a central receiving facility provided by the village.~~

FALSE ALARM: An alarm signal resulting from a: An activation of the fire detection system by any one or more of the following causes:

A. Mechanical failure of the system and/or more than one of its components.

B. Malfunction of the ~~alarm~~ system and/or one of its components.

C. ~~Improper installation or maintenance of the alarm systems~~ and/or one of its components.

D. ~~Wilful~~ Willful, careless or negligent acts of a any person under the control or direction of an alarm system.

E. Any other cause not related to ~~an actual or attempted unauthorized entry onto the premises or to vehicles, or the commission of an unlawful act or a fire emergency; provided, however, that any alarm activated by natural causes, including, but not limited to, tornadoes and severe windstorms, earthquakes, other acts of God, weather or by malicious acts of persons not under the direction or control of the alarm system's owner/lessee or any other cause clearly beyond the control of the owner/lessee of the alarm system shall not be considered a false alarm.~~ property owner or occupant.

~~FIRE ALARM: An alarm system designed to detect heat or smoke, or to monitor fire suppression systems.~~

FIRE ALARM CONTRACTOR: Fire alarm contractor shall mean any person engaged in the business of inspection, testing, installing or altering by contract equipment and appliances connected to required or non-required automatic fire detection system.

FIRE ALARM MONITORING AGENCY: A fire alarm monitoring agency shall mean any person, firm, partnership, association, corporation, company or organization of any kind that contracts with a fire alarm contractor or fire alarm user to monitor a fire detection system at a continuously staffed location, receives an alarm signal notification from the system and notifies the fire department to respond.

FIRE ALARM USER: The person, firm, partnership, association, corporation, company or organization of any kind in control of the premises on which a fire detection system is installed and maintained.

FIRE DETECTION SYSTEM: A fire detection system, also known as a fire alarm system, shall mean any system of components that can be activated manually, detect alarm and/or supervisory signals from a sprinkler system valve, detect the discharge of an extinguishing agent in cooking systems or detect the presence of heat and/or products of combustion. Said system purpose is to activate alerting devices for notification of occupants on the premises and may be capable of transmission of a signal to a monitored location for the purpose of alerting the fire department to respond.

~~HOLDUP ALARM: An alarm system which is activated manually to signal a robbery or an attempted robbery.~~

LICENSED FIRE ALARM CONTRACTOR: A fire alarm contractor shall obtain a contractor license from the village of Antioch to install, service, inspect, test, alter or maintain a fire detection system within the village of Antioch. Said fire alarm contractor shall submit, with application, proof that the fire alarm contractor is qualified or has employed qualified fire alarm technicians.

LICENSED FIRE DETECTION SYSTEM: Owners or their agents shall obtain a license from the village of Antioch for all fire detection systems. To obtain a license, the owner or agent shall submit proof the fire detection system is under contract by a licensed fire alarm contractor to perform inspections, testing and maintenance of the system.

~~LOCAL ALARM: An alarm system which, when activated, causes an audible and visual signal in or on the premises that the system is designed to protect. Such alarm may or may not be a part of a system to notify an answering point.~~

QUALIFIED FIRE ALARM TECHNICIAN: A qualified fire alarm technician shall mean any person employed by a contractor that holds an Illinois private alarm contractor agency license, any individual that holds an Illinois private alarm contractor license or any licensed electrical contractor.

~~REQUIRED SYSTEM: Any alarm system that was required to be installed by codes or ordinances that are or were enforced within the village.~~

~~SERVICE CHARGE: An assessment by the village against an alarm holder.~~

~~SPRINKLER ALARM: An alarm system designed to detect water flowing or supervisory signals received from a building sprinkler system~~

~~SUPRA MAX ENTRY SYSTEMS: Approved key boxes, manufactured by SupraMax Corporation, that meet the specifications and approval of the Antioch fire department. These key boxes are for the exclusive use of the Antioch fire department for official and emergency purposes only.~~

~~TROUBLE INDICATION: A transmitted signal different from the alarm signal which indicates a mechanical or electrical problem in the system.~~

~~VILLAGE: The village of Antioch, Lake County, state of Illinois.~~

~~WIRELESS/RADIO: A radio system with a dedicated radio frequency, which has as its sole use the transmission of an alarm signal. (Ord. 10-02-05, 2-16-2010)~~

~~9-6-3: ALARM HOLDER REGISTRATION AND PERMITS:~~ FIRE ALARM AND DETECTION SYSTEMS

~~A. No person shall be authorized to operate an alarm system, other than local alarms as defined herein, without first obtaining an alarm user permit. License required:~~

- ~~1. Fire Alarm Contractor: It shall be unlawful for any person to operate as a fire alarm contractor, either alone or through an agent, employee, partner, without first having obtained a license herein provided from the village of Antioch.~~
- ~~2. Fire Detection System: It shall be unlawful for any person to lease, use or own a fire detection system or be in control of premises wherein a fire detection system is operated or maintained without first having obtained a license from the village of Antioch.~~

~~B. All applications for a permit shall be made upon forms prescribed by the village, which may be obtained at the village building department. Application for License:~~

- ~~1. Fire Alarm Contractor: An application for a license as a qualified alarm contractor shall be filed with the village of Antioch prior to performing any work on a fire detection system within the village of Antioch. Once a license is given, it shall remain in force during the term of the license, unless revoked for just cause. Subsequent work performed within the village of Antioch shall be included under the license during its valid term. The application form shall contain the following information:~~
 - ~~a. Name, address and telephone number of the applicant for license.~~
 - ~~b. Illinois department of professional regulation alarm agency license number (if applicant is a business entity); or Illinois department of professional regulation alarm contractor license number (if applicant is an individual); or if not licensed as an alarm contractor, the electrical license number.~~

~~The applicant shall submit, along with the application form, an insurance certificate as proof of insurance.~~

~~C. All applications for new permits must contain the updated names of the agent, or key holder. Permit Requirements And Restrictions:~~

- ~~1. All applicants, and all manufacturers and companies under contract to maintain receiving alarm equipment within facilities of the village by their several acts in applying for and in receiving permits to use the facilities, shall be deemed to have agreed that the village shall not be held liable for any alarm failure of service, and shall not be held liable for any consequential damages resulting from such failure. Further, said permit holders, upon receiving their permits, also agree thereby that the village shall not be held liable for any damage that may result from the installation, maintenance or operation of the alarm system, such installation, maintenance and operation being the sole responsibility of the alarm holder.~~

~~Further, all alarm holders, by the act of obtaining issuance of a permit to them, shall be deemed to have agreed to all of the provisions of subsections C2, C3, C4 and C5 of this section.~~

1. Compliance With Provisions; Permit Required: It shall be unlawful for any person registered under the provision of this subsection to install any fire alarm system, fire detection system or fire alarm signaling system or components, wiring or fixtures without strict compliance with the ordinance relating to such fixtures, and it shall be unlawful for any such person to do any work without having obtained such a permit from the village of Antioch as may be required.

~~2. All applicants, by receiving a permit, agree to indemnify, defend and save harmless the village, its agents, servants and employees, and the manufacturers and companies, if any, under contract or agreement to maintain the receiving alarm equipment in the village facilities, from all claims, demands, judgments, liability, costs and expenses that may arise, in any way, as a result of utilization of the alarm connection to village facilities.~~

2. Unlawful Use of Permit: It shall be unlawful for any licensed fire alarm contractor to secure or furnish a permit for the installation, alteration, replacement or repair of a fire detection system for use by any person not entitled under this subsection.

~~3. All permit holders agree that the village and the equipment manufacturers and companies under contract to maintain receiving alarm equipment within the village facilities shall not be liable for any costs or expenses of installation, maintenance of leased services, or any other charge or fees for any alarm equipment leased or owned by the applicant.~~

3. Required Submittals: A licensed fire alarm contractor shall include the following with the permit application:

a. The name, address and telephone number of the person, firm or organization for which the work is being performed.

b. The name, address and telephone number at the premises of the work to be performed.

c. A copy of the current contractor's license.

d. Three (3) copies of schematic drawings of the premises for the proposed system that indicates the location and types of devices to be installed.

e. Three (3) copies of manufacturer's cut sheets, for all equipment to be used at the premises as part of the system.

f. A completed battery calculation sheet that is provided with the proposed manufacturer's equipment that indicates the proper amount of standby battery capacity as it relates to the overall number of system devices being installed.

g. Signature of the applicant or authorized agent.

The application for permit and required submittals shall be reviewed by the fire department prior to issuing the permit. Once reviewed and approved, the permit shall be issued upon payment of permit fee.

- ~~4. All new automatic fire alarm systems, new burglar alarm systems, and modifications to existing systems, shall be reviewed and approved by the village safety inspector prior to installation or modification.
 - ~~a. A minimum of three (3) sets of detailed plans and specifications shall be submitted to and a permit obtained from the village of Antioch building department before any alarm system is installed, enlarged or altered.~~
 - ~~b. A minimum of one set of approved plans and specifications shall be at the job site at all times.~~
 - ~~c. A permit application fee shall be submitted with the detailed plans. The permit fee shall be the greater of fifty dollars (\$50.00) or two percent (2%) of the total cost of the system, including all costs of installation and connection.~~
 - ~~d. All automatic fire alarm systems shall be inspected and tested in the presence of the village safety inspector or his/her designee before it is placed in service. A minimum notice of forty eight (48) hours shall be provided prior to the required inspection and testing.~~
 - ~~e. All burglar alarm systems shall be inspected and tested in the presence of the village safety inspector or his/her designee before it is placed in service. A minimum notice of forty eight (48) hours shall be provided prior to the required inspection and testing.~~~~

4. Permit Fee: A permit fee of \$50.00 shall be paid prior to granting a permit to install the fire detection systems.

~~5. All alarm systems, shall be registered with the village of Antioch building department on a form provided. A list of at least three (3) key holders including home, work and pager/telephone numbers shall be submitted. It shall be the responsibility of the owner/occupant to update this registration whenever changes occur.~~

5. Inspection of Newly Installed or Modified System: Upon completion of all work related to the permitted system being installed, the licensed fire alarm contractor shall contact the fire department to perform a final acceptance test. It shall be the responsibility of the fire chief to make or cause to be made such inspection of the fire detection system to insure compliance of the provisions of this subsection and all other ordinances relating to the installation of the system. The licensed fire alarm contractor shall contact the fire department to request a system inspection at least forty-eight (48) hours prior to the desired inspection date. The fire chief or his/her designee shall perform the final acceptance test on the installed system before said system is connected to any monitoring service for active response to alarm signals.

6. Re-Inspection Fee Required: If the fire detection system fails to obtain approval by the fire department on the initial test and inspection visit, a re-inspection fee may be charged to the licensed fire alarm contractor. Said re-inspection fee shall be \$50.00 for each additional test performed to give final approval to the installed system.

7. Information Shall Be Posted: No fire alarm system shall be placed in service for active response to alarm signals received by the monitoring agency without first posting the following information on or above the front of the fire control panel:

a) The name and phone number of the agency that monitors the fire detection system.

b) The position of account number that identifies the installed system in the records of the agency that monitors the fire detection system.

c) The fire alarm license for the fire detection system installed.

d) The name and phone number of the licensed fire alarm contractor that maintains the fire detection system as required [by this chapter](#).

~~D. All applicants at the time of making application for a permit hereunder must certify that they have a system of alarm maintenance available to them on a twenty four (24) hour basis, and that an alternative power source is available to prevent false alarms due to any failure of power supplied by a utility company.~~ Maintenance and Operation:

1. Maintenance and Operation: It shall be the responsibility of the fire alarm system license holder to provide for continuous inspection, testing and maintenance of their system through a maintenance agreement with a licensed fire alarm contractor. Proof of such agreement shall be provided at the time of application for a permit to install the fire detection system.

2. System Deactivation, Notification: It shall be unlawful for any person to cause the licensed fire detection system to be deactivated for inspection, testing, service, repair or alteration; or disabled in any way without first notifying the alarm monitoring agency.

3. System Reactivation, Notification: Prior to reactivation of the licensed fire detection system, notification shall be made to the alarm monitoring agency that the system is being placed back in service.

4. Response To Fire Alarm Signals: A response to a fire alarm signal may result when any person, firm or organization reports to the fire department the receipt of an electronic fire alarm signal; the receipt of a telephone call reporting an activated fire alarm signal; or a direct report to the fire department that an emergency signal is activated from a fire detection system on the premises. Such notification may result in the dispatch of fire department personnel and equipment to the premises. It shall be the responsibility of the fire alarm user and/or the fire alarm contractor to notify the occupants on the premises whenever testing is being performed that may result in an audible signal being produced. This precaution is necessary to prevent an unnecessary response to an audible alarm signal when a system has been properly deactivated with the monitoring agency.

~~E. The alarm holder's permit application form will be reviewed by the village safety inspector to determine whether the form complies with this chapter. If the village safety inspector approves the form, the village safety inspector shall issue a permit.~~ False Alarms; Additional Charges:

1. False Fire Alarm Fees: Any fire detection system that produces a response to a fire alarm signal that is determined to be a false alarm as defined in this subsection 9-6-2 shall subject the licensed fire alarm user to false alarm fees as follows:

a. Fourth false alarm during the calendar year - fee of \$50.00

b. Fifth false alarm during the calendar year - fee of \$ 75.00

c. Sixth false alarm or greater during the calendar year - fee of \$100.00

2. Payment of Fire Fees: The licensed fire detection system user shall be responsible for the payment of all false alarm fees assessed. Failure to remit payment for false alarm fees within ninety (90) days of the date of invoice may result in the revocation of the fire alarm user's license.

F. ~~Supra Max Entry System: Signaling and Notification~~

~~1. All new and existing occupancies having automatic fire alarm systems shall have an approved Supra Max key box installed in a location approved by the village safety inspector.~~

1. Fire Alarm Systems Signaling: All required automatic fire alarm systems shall have supervisory, trouble and fire condition signals transmitted in accordance with NFPA 72, Chapter 5 remote station service. It is the responsibility of the building owner to maintain this supervision during the required life of the building.

~~2. The Supra Max key box shall contain all keys for locked areas of the building as required by the village safety inspector or the fire chief. Said keys shall include, but not be limited to, all areas of the building, automatic fire alarm system, and pull station resetting tool(s).~~

2. Fire Alarm Systems Notification: All required automatic fire alarm systems shall have supervisory, and fire condition signals shall notify the Antioch Fire Department dispatch center immediately upon receipt of said alarms. Notification of premise or key holders shall occur after notification to the fire department. All trouble condition signals shall notify the premise and/or key holders upon receipt of said alarms.

~~3. The Antioch fire department shall be notified immediately of the change of locks and/or keys for the building to allow for the placement of new keys in the Supra Max key box.~~

G. ~~Zoning Of Automatic Fire Alarm Systems: If the automatic fire alarm system is not an addressable system (individual addressing for each device), the system shall be zoned as follows: Annunciator required:~~

~~1. Each floor of a building shall be zoned separately and no zone shall exceed ten thousand (10,000) square feet in area.~~

~~2. The length of any zone shall not exceed one hundred feet (100') in any direction.~~

~~3. Any building having multiple occupancies or tenancies shall have separate zoning for each occupancy or tenancy.~~

~~4. If an automatic fire suppression system (sprinkler system) is installed within the building, a white strobe light shall be installed above the fire department connection. If this strobe light is not visible from the common direction of the responding fire department, an additional white strobe light shall be installed on the front of the building nearest to the location of the fire department connection. The strobe light(s) shall be activated by water flow from the sprinkler system.~~

~~5. When conditions warrant, additional zoning of the fire protection system may be required by the village safety inspector or the fire chief.~~

1. Annunciator Panel: In all buildings requiring fire suppression systems, fire protective signaling systems and/or automatic fire detection systems, more than one story or 10,000 square feet in area, an annunciator panel shall be located at the front entrance so as to be readily visible to the fire department for rapid determination of the area in which a water flow alarm, detection alarm and/or manual fire alarm is activated. A zone diagram shall be provided and approved by the fire official. A separate zone by floor shall be provided for the following types of alarm-initiating devices, where provided:

- a. Smoke or heat detectors;
- b. Sprinkler water flow devices;
- c. Wet standpipe water flow devices;
- d. Manual fire alarm pull boxes;
- e. Specialized fire suppression system.

~~H. Additional Specific System Requirements~~ Security Key Box required:

~~1. All fire alarm control panels shall be capable of silencing the audio notification signal without resetting the panel. The silencing switch shall be a single switch requiring no keys, access codes or special knowledge.~~

1. Security Key Box: When access to or within a building or an opening is unduly difficult because of security or where immediate access is necessary for life saving, firefighting purposes, or response to activated alarms for fire protection systems, the fire official shall require a key box to be installed in a location which is accessible to and approved by the fire department. The key box shall be a type approved by the fire official and shall contain keys, properly identified, to gain access to all portions of the building or documents pertaining to emergency plan for the building.

~~2. All automatic fire alarm system notification devices shall be of an approved, audiovisual type that complies with the Illinois accessibility code and the Americans with disabilities act.~~

~~3. All wiring shall conform to the requirements of the most current adopted editions of NFPA 72 national fire alarm code and NFPA 70 national electric code. In addition, the minimum size for all audiovisual devices shall be 14-gauge solid wire. For all other devices, the minimum wire size shall be 18-gauge wire. The maximum voltage drop (IR) for all indicating circuits shall not exceed ten percent (10%) of the rated voltage.~~

~~4. All smoke detectors shall have indicating lights that illuminate when the detector activates. When smoke detectors are installed in any location not visible from the floor area, remote indicating lights shall be installed in locations approved by the village safety inspector.~~

~~5. All new and existing sprinkler system control valves and other control functions shall be equipped with electronic supervision. Supervised functions shall transmit a separate and distinct supervisory alarm. Said alarm shall automatically restore when the supervised function is returned to the normal position and shall indicate restoration at the remote alarm monitoring station.~~

~~6. The installation of safety guards over alarm initiating devices may be required where such devices are subject to damage or frequent malicious activation.~~

~~a. Safety guards include the installation of STI Stopper II (or equivalent) tamper covers that include an audible annunciation, over manual pull stations that are located in public access areas.~~

I. ~~Vacant Buildings:~~ Additional Device Requirements

~~1. Required automatic fire alarm systems shall be maintained in operational condition at all times, in accordance with this chapter, by the building owner and/or occupant even if the building is vacant. This section may be waived by the fire chief of the Antioch fire department and the village safety inspector if all of the following conditions are met:~~

~~a. The building will be vacant, void of all stock and people, for a period in excess of thirty (30) continuous calendar days; and~~

~~b. The structure stands alone and provides no exposure hazard to adjacent structures; and~~

~~c. Any required fire sprinkler system has been properly drained and disconnected; and~~

~~d. All utilities have been disconnected; and~~

~~e. Disconnection is approved, in writing, by the fire chief of the Antioch fire department and the village safety inspector.~~

1. If an automatic fire suppression system (sprinkler system) is installed within the building, a white strobe light shall be installed above the fire department connection. If this strobe light is not visible from the common direction of the responding fire department, an additional white strobe light shall be installed on the front of the building nearest to the location of the fire department connection. The strobe light(s) shall be activated by water flow from the sprinkler system.

~~2. Required automatic fire alarm systems that have been disconnected pursuant to this section shall be restored to full service before any reoccupation of the building occurs.~~

2. The installation of safety guards over manual alarm initiating devices may be required where such devices are subject to damage or frequent malicious activation.

a. Safety guards include the installation of STI Stopper II (or equivalent) tamper covers that include an audible annunciation, over manual pull stations that are located in public access areas.

~~J. Maintenance And Repair Of Systems: All building owners and/or occupants shall maintain their alarm systems in good operating condition at all times.~~

~~All building owners and/or occupants shall certify that they have alarm system maintenance provided on a twenty four (24) hour basis and set forth the name, address and telephone number of the person rendering said service.~~

- ~~1. Every automatic fire alarm system shall be inspected annually or more frequently if required by NFPA 72, by a licensed fire alarm contractor. Systems shall be cleaned when necessary. Proof of such inspection shall be filed with the village of Antioch building department within thirty (30) days of the inspection.~~
- ~~2. If a system malfunctions or otherwise requires repair, the building owner and/or occupant shall see that said repairs are performed by a licensed fire alarm contractor or electrician within twenty four (24) hours of discovery.~~
- ~~3. Automatic fire alarm systems that transmit more than two (2) false alarms in a twenty four (24) hour period or more than three (3) in a seven (7) day period may be taken out of service by the Antioch fire department or the village safety inspector. Required automatic fire alarm systems that are taken out of service will necessitate the establishment of a human fire watch, twenty four (24) hours per day;~~

9-6-4: ~~DIRECT COMMUNICATIONS TO VILLAGE FACILITIES:~~FACILITIES:

- ~~A. After issuance of a permit by the village building department, the holders of permits for alarms for business premises, financial institutions and residences may have such systems so installed as to terminate within the village alarm facilities.~~
- ~~B. An alarm holder approved for a direct connection to village alarm facilities, or the company contracting for servicing the subscriber's alarm system, shall be responsible for obtaining the data path between the alarm holder's premises and the alarm receiving equipment, if required, in order to provide an input signal which is compatible with the receiving equipment.~~
- ~~C. All signals transmitted over any wire or other data path shall be transmitted in a method compatible with the alarm receiving equipment and the requirements of the village.~~
- ~~D. Such alarms shall be subject to the same provision concerning false alarms as other systems addressed herein.~~
- ~~E. Each direct communication alarm system user in the village shall provide an alternative source of power for the alarm system in order to prevent false alarms due to failure of power supplied from the utility company. The alternative source of power shall have the capacity to provide power for at least twenty four (24) hours subsequent to any power failure.~~
- ~~F. All alarm systems emanating from a required alarm system, shall transmit by an approved means via direct connection to the village of Antioch 911 center, 882 Main Street, Antioch, IL 60002.~~
- ~~G. All alarm systems installed within the village limits, shall meet the requirements of all codes adopted and enforced within the village of Antioch. All fire alarm systems shall be installed in accordance with the requirements of the National Fire Protection Association (NFPA) standard 72 (national fire alarm code), NFPA standard 70 (national electric code), NFPA standard 101 (life safety code), international building code, and international fire code.~~
- ~~H. If there is any conflict between the language of this chapter and the language of the aforementioned codes and standards mentioned in subsection G of this section, the most restrictive shall apply.~~

~~I. Systems that transmit alarms via recorded or digital voices shall be prohibited. No alarm systems shall be programmed to directly dial 9-1-1 or other emergency and/or nonemergency number of the village of Antioch 911 center. (Ord. 10-02-05, 2-16-2010)~~

9-6-5: ~~CENTRAL ANSWERING SERVICE: REMOTE STATION SERVICE~~

~~Upon approval of an application for permit, an alarm holder may utilize an alarm system connected to a central answering point other than the village's facility. The operator of such answering point shall first attempt to determine the validity of an alarm signal and, if unable to do so, shall notify the police department whether the signal is believed to be a valid or a genuine alarm.~~

~~Nonrequired systems may transmit alarm signals via digital communicator or other approved means to a UL-listed central station. All alarm signals received by the central station must be relayed to the village of Antioch 911 center via the public switched telephone network at (847)395-8585 or at such number that may be established from time to time. A copy of the current UL listing for the central station alarm receiving location shall be on file at the village of Antioch building department, 874 Main Street, Antioch, IL 60002. (Ord. 10-02-05, 2-16-2010)~~

A. UL Listing required All alarm systems required by this ordinance using remote station service for monitoring of alarm signals shall transmit to a UL Listed Central Station and a copy of the UL listing for the Remote Station Service shall be provided to the Fire Department at the time of system completion and activation.

9-6-6: ~~LOCAL ALARMS:~~

~~Local alarms shall have an automatic shutoff which will deactivate any sound or visible signal within ten (10) minutes after activation of the alarm. In the event that such alarm shall not respond to the automatic shutoff, neither the village nor its employees shall be liable for damages by reason of failure of such shutoff device. (Ord. 10-02-05, 2-16-2010)~~

9-6-7: FALSE ALARMS:

A. Service Charges: The owner or tenant shall be charged for alarm protection malfunctions and/or false alarms generating true alarm conditions in excess of three (3) per calendar year. A service charge ~~based on the equipment rate schedule and costs for emergency responders shall be billed to the company reporting the fourth and fifth false alarms. A service charge based on two (2) times the equipment rate schedule and two (2) times the costs for emergency responders~~ shall be billed for each false alarm thereafter in any twelve (12) month period, except as provided in ~~subsection 9-6-9-6-9-A2A2~~ of this chapter. ~~Collected service charges will be distributed to village departments incurring the expenses.~~

1. Should a false alarm be transmitted by a piece of electronic equipment under service by an alarm company, there shall be no charge for a false alarm provided the alarm holder gives the village safety inspector proof that the defect is being corrected.
2. In the event false alarms or trouble alarms continue during any twelve (12) month period, the village safety inspector may direct the company maintaining the village monitoring equipment to disconnect the premises from which such false, or trouble, alarms originate, from such equipment. Reconnection of such premises to the monitoring equipment shall not be made until all false alarm fees, and a reconnection charge of two hundred fifty dollars (\$250.00), have been paid to the village.

~~3. The owner or tenant shall be charged for fire protection system trouble or supervisory alarms, in excess of three (3) per calendar year, that result from any reason other than system testing, maintenance, electronic service or telephone line and weather related malfunctions at a rate of fifty dollars (\$50.00) per alarm.~~

3. No person, other than a fire official, shall cause a fire alarm system to be reset once an alarm has been activated. This section will not apply to alarms generated for testing or fire drills when the village communications facilities have been notified in advance of the testing or drill.

4. Alarm system audiovisual warning devices may be silenced by the building owner/occupant, but only after a thorough search of the building has been conducted and it has been determined that no fire or other emergency exists. (Ord. 10-02-05, 2-16-2010)

5. Resetting of a fire alarm prior to the arrival of the fire department will constitute a false alarm.

B. Grace Period: Upon written request, a thirty (30) day grace period for new alarm systems or for major modification or additions to existing alarm systems shall be granted upon approval by the village safety inspector.

~~4. The owner or tenant shall be charged for security protection system trouble or intrusion alarms, in excess of three (3) per calendar year, that result from any reason other than system testing, maintenance, electronic service or telephone line and weather related malfunctions at a rate of fifty dollars (\$50.00) per alarm.~~

~~5. No person shall deliberately or maliciously turn in an alarm or fire when in fact that person knows that no fire exists. No person shall activate any automatic fire alarm system or installed fire protection system for other than emergency, maintenance, drills or prescribed testing. A fine of up to five hundred dollars (\$500.00) shall be charged for malicious false alarms and/or up to thirty (30) days imprisonment.~~

~~B. Discontinuance Of Alarm Service: Failure, or refusal, of any alarm holder to pay any service charge or service charges for false alarms may result in discontinuance of the alarm service provided however, that if the alarm system is a required system, the business or occupancy shall be immediately terminated and the premises vacated in a manner consistent with the provisions of this chapter and all applicable building, fire and safety codes.~~

~~C. Grace Period: Upon written request, a thirty (30) day grace period for new alarm systems or for major modification or additions to existing alarm systems shall be granted upon approval by the village safety inspector.~~

~~D. System Resetting:~~

~~1. No person, other than a fire official, shall cause a fire alarm system to be reset once an alarm has been activated. This section will not apply to alarms generated for testing or fire drills when the village monitoring facilities have been notified in advance of the testing or drill.~~

~~2. Alarm system audiovisual warning devices may be silenced by the building owner/occupant, but only after a thorough search of the building has been conducted and it has been determined that no fire or other emergency exists. (Ord. 10-02-05, 2-16-2010)~~

9-6-8: ~~TESTING EQUIPMENT: DAILY TEST SIGNAL REQUIRED:~~

~~A. Alarm systems transmitting emergency signals directly to the communication center of the village shall be tested or demonstrated only with prior approval from the village safety inspector.~~

A. Daily Fire Alarm System Test Signal; The fire alarm or detection system shall be programmed to transmit an automatic daily test signal to the remote central station as required in NFPA 72. Said daily test signal shall be programmed to transmit at the same time each day. If said test signal is not received in the remote central station facility within 60 minutes of the scheduled time, the central station shall notify the premise and/or key holder of the system failure.

~~B. The approval of the village safety inspector is not required to test or demonstrate alarm devices not transmitting emergency messages directly to the communication center unless the messages are to be relayed to village facilities. However, notification shall be made to the village facilities before any testing or maintenance of any alarm system. Failure to make notification that causes a response by emergency services will constitute a false alarm. (Ord. 10-02-05, 2-16-2010)~~

~~9-6-9: DISCONNECTION AND RECONNECTION TO VILLAGE FACILITIES:~~

~~A. Disconnection:~~

- ~~1. Failure of an alarm holder to pay any service charges required to be paid by this chapter shall be cause for the village safety inspector to disconnect an alarm system.~~
- ~~2. If any alarm system records twelve (12) false alarms within any twelve (12) month period, such shall be cause for the village safety inspector to disconnect an alarm system upon giving sixty (60) days' written notice to the alarm holder.~~
- ~~3. Twelve (12) or more trouble indicators from any one alarm system within any twelve (12) month period shall be cause for the village safety inspector to disconnect an alarm system after sixty (60) days' written notice.~~
- ~~4. Any disconnecting hereunder shall not be at the cost of the village, but rather shall be at the sole expense of the alarm holder.~~

~~B. Reconnection:~~

- ~~1. If an alarm system has been disconnected because of nonpayment of any charges, the alarm system may be reconnected to village facilities only after payment of all outstanding charges.~~
- ~~2. If an alarm system has been disconnected because of excessive false alarms or trouble indicators, the alarm holder affected must submit to the village safety inspector a written statement showing all reasons, if any, for the trouble indications and false alarms, and setting forth what measures have been taken to prevent or to minimize future similar problems. The village safety inspector shall review such statements and if the village safety inspector recommends reconnection of the alarm system in question the alarm holder shall apply for a permit as in the instance of an initial application. (Ord. 10-02-05, 2-16-2010)~~

~~9-6-10: RESERVATION OF RIGHTS:~~

~~A. The village reserves the right to disconnect the services connected with monitoring of any alarm system after giving sixty (60) days' written notice of intention to disconnect.~~

~~B. The village is under no obligation to provide this special type of monitoring service to any person, and the village expressly reserves the right to deny to any person the privilege of connecting an alarm system to facilities of the village.~~

~~C. In those instances in which an alarm is activated and an authorized emergency responder responds by going to the premises, and, finding no evidence of breaking and entering, the authorized emergency responder shall not be required to remain at the premises.~~

~~D. In those instances in which an alarm is activated and an authorized emergency responder responds by going to the premises, and, finding evidence of breaking and entering, the investigating authorized emergency responder will remain at the premises until the owner or his agent comes to the premises in response to the alarm. (Ord. 10-02-05, 2-16-2010)~~

9-6-11: ENFORCEMENT:

~~A. The village safety inspector shall have the responsibility for enforcement of this chapter.~~

~~B. In connection with enforcement of this chapter, the village safety inspector may prescribe and publish minimum standards and regulations for the construction and maintenance of all alarm systems. (Ord. 10-02-05, 2-16-2010)~~

9-6-12 Penalty: Security Systems, Combination Systems and Burglar Alarms:

9-6-12: PENALTY:

~~Any person found guilty of violating any provision of this chapter shall be fined pursuant to the schedule of fines set forth in subsection 1-3-1A of this code, and in the event any violation is not specifically listed therein, the violator shall be fined as provided in the general penalty in section 1-3-1 of this code for each offense. Each day of continuation of an offense shall be considered a separate offense.~~

~~All fees shall be payable in full, thirty (30) calendar days from receipt of invoice(s). The false alarm cycle is per address and covers a calendar year starting January 1 and ends December 31 and then starts over.~~

~~Any and all court costs and legal fees incurred by the village of Antioch, Antioch fire department and Antioch police department in relation to the collection of false alarm fees after the allotted thirty (30) days shall be paid by the offender. (Ord. 10-04-07, 4-5-2010)~~

A. Registration Required

1. Security Systems and Burglar Alarms Registration: All security systems, combination alarms and burglar alarms installed within the Village of Antioch that are programmed to notify a central station monitoring service of an alarm condition that requires the Antioch Police or Fire Department to respond to the premise shall register their system with the Village of Antioch at the time of installation or activation to monitoring service. Residential security systems with fire detection options shall fall under this section.

2. Registration information and fee

Registration of a security system or burglar alarm shall include the following information:

- a. The name, address and telephone number of the person, firm or organization for which the security system or burglar alarm is being registered:
- b. The name, address and telephone number at the premises of the system installation if different than a) above.
- c. The name, address and telephone number of the person or company that will be performing the system installation.
- d. The alarm contractor or alarm agency license number of the installing company
- e. The name, address and telephone number of the central station monitoring agency that will be receiving the alarm signals.
- f. A list of at least three key holder names with telephone numbers to contact in the event of a system malfunction or activation.
- g. Signature of the applicant or authorized agent.

3. Registration Fee: A one-time registration fee of \$25.00 shall be paid prior to activation and connection of the security system or burglar system to a central station.

4. False Alarm Fees for Security Systems and Burglar Alarms or Combination Alarms: Any system that produces a response to a signal from a security system or burglar alarm that requires a response from the Antioch Police or Fire Department; and said signal is determined to be a false alarm as defined in this subsection 9-6-2 shall subject the licensed fire alarm user to false alarm fees as follows:

- a. Fourth false alarm during the calendar year - fee of \$50.00
- b. Fifth false alarm during the calendar year – fee of \$ 75.00
- c. Sixth false alarm or greater during the calendar year - fee of \$100.00

9-6-13: WAIVERS:

Any person and/or corporation may request a waiver if specific sections of this chapter will create an undue economic burden. Said waiver request shall be made in writing to the fire chief or police chief and the village safety inspector citing the specific facts supporting the waiver request.

- A. After investigation of all facts, the fire chief or police chief and the village safety inspector shall submit the waiver request and their recommendations to the board of trustees at a regularly scheduled board meeting. The petitioner may be present at the meeting to offer direct testimony and otherwise support his/her request.
- B. After hearing all evidence and careful deliberation, the board of trustees may waive specific sections of this chapter when all of the following conditions are met:
 1. The facts presented are deemed to be true and accurate; and
 2. The proposed waiver will not constitute an increase in life safety hazards or lessen the protection afforded to the building, its occupants or firefighters; and

3. A time schedule is established for compliance with the chapter as adopted.

C. Any waiver issued under this section may be rescinded if it is later determined that facts presented were inaccurate, the waiver is ineffective, or a life safety problem has been determined to exist. (Ord. 10-02-05, 2-16-2010)

Chapter 6

EMERGENCY ALARM SYSTEMS

9-6-1: TITLE:

9-6-2: DEFINITIONS:

9-6-3 FIRE ALARM AND DETECTION SYSTEMS

9-6-4: Blank

9-6-5: REMOTE STATION SEVICE

9-6-6: Blank

9-6-7: FALSE ALARMS:

9-6-8: DAILY SIGNAL TEST REQUIRED

9-6-9: Blank

9-6-10: Blank

9-6-11: Blank

9-6-12: SECURITY SYSTEMS AND BURGLAR ALARMS:

9-6-13: WAIVERS:

9-6-1: TITLE:

This chapter, including all rules and regulations which may be adopted by the village by reference or otherwise, is entitled *EMERGENCY ALARM SYSTEMS*. (Ord. 10-02-05, 2-16-2010)

9-6-2: DEFINITIONS:

BURGLAR or SECURITY ALARM: An alarm system activated by signaling an entry or attempted entry into the area protected by the alarm system.

CENTRAL ANSWERING POINT: An office or place to which alarm systems signals are relayed and where operators monitor and investigate and record such alarm signals prior to notifying the appropriate agency of an emergency situation. Such service is to be controlled and operated by a person, firm, or corporation whose business is furnishing, maintaining, or monitoring of supervised alarm systems. In accordance with NFPA 72, also known as Remote Station.

COMBINATION ALARM: A burglar or security alarm system activated by signaling an entry or attempted entry into the area protected by the alarm system, that also includes fire detection devices.

FALSE ALARM: An activation of the fire detection system by any one or more of the following causes:

A. Mechanical failure of the system and/or more than one of its components.

B. Malfunction of the system and/or one of its components.

C. Improper maintenance of the systems and/or one of its components.

D. Willful, careless or negligent acts of any person.

E. Any other cause not related to a fire emergency; provided, however, that any alarm activated by natural causes, including tornadoes and severe weather or by malicious acts of persons not under the direction or control of the property owner or occupant.

FIRE ALARM CONTRACTOR: Fire alarm contractor shall mean any person engaged in the business of inspection, testing, installing or altering by contract equipment and appliances connected to required or non-required automatic fire detection system.

FIRE ALARM MONITORING AGENCY: A fire alarm monitoring agency shall mean any person, firm, partnership, association, corporation, company or organization of any kind that contracts with a fire alarm contractor or fire alarm user to monitor a fire detection system at a continuously staffed location, receives an alarm signal notification from the system and notifies the fire department to respond.

FIRE ALARM USER: The person, firm, partnership, association, corporation, company or organization of any kind in control of the premises on which a fire detection system is installed and maintained.

FIRE DETECTION SYSTEM: A fire detection system, also known as a fire alarm system, shall mean any system of components that can be activated manually, detect alarm and/or supervisory signals from a sprinkler system valve, detect the discharge of an extinguishing agent in cooking systems or detect the presence of heat and/or products of combustion. Said system purpose is to activate alerting devices for notification of occupants on the premises and may be capable of transmission of a signal to a monitored location for the purpose of alerting the fire department to respond.

LICENSED FIRE ALARM CONTRACTOR: A fire alarm contractor shall obtain a contractor license from the village of Antioch to install, service, inspect, test, alter or maintain a fire detection system within the village of Antioch. Said fire alarm contractor shall submit, with application, proof that the fire alarm contractor is qualified or has employed qualified fire alarm technicians.

LICENSED FIRE DETECTION SYSTEM: Owners or their agents shall obtain a license from the village of Antioch for all fire detection systems. To obtain a license, the owner or agent shall submit proof the fire detection system is under contract by a licensed fire alarm contractor to perform inspections, testing and maintenance of the system.

QUALIFIED FIRE ALARM TECHNICIAN: A qualified fire alarm technician shall mean any person employed by a contractor that holds an Illinois private alarm contractor agency license, any individual that holds an Illinois private alarm contractor license or any licensed electrical contractor.

(Ord. 10-02-05, 2-16-2010)

9-6-3:-FIRE ALARM AND DETECTION SYSTEMS:

A. License required:

1. Fire Alarm Contractor: It shall be unlawful for any person to operate as a fire alarm contractor, either alone or through an agent, employee, partner, without first having obtained a license herein provided from the village of Antioch.
2. Fire Detection System: It shall be unlawful for any person to lease, use or own a fire detection system or be in control of premises wherein a fire detection system is operated or maintained without first having obtained a license from the village of Antioch.

B. Application for License:

1. Fire Alarm Contractor: An application for a license as a qualified alarm contractor shall be filed with the village of Antioch prior to performing any work on a fire detection system within the village of Antioch. Once a license is given, it shall remain in force during the term of the license, unless revoked for just cause. Subsequent work performed within the village of Antioch shall be included under the license during its valid term. The application form shall contain the following information:

- a. Name, address and telephone number of the applicant for license.
- b. Illinois department of professional regulation alarm agency license number (if applicant is a business entity); or Illinois department of professional regulation alarm contractor license number (if applicant is an individual); or if not licensed as an alarm contractor, the electrical license number.

The applicant shall submit, along with the application form, an insurance certificate as proof of insurance.

C. Permit Requirements And Restrictions:

1. Compliance With Provisions; Permit Required: It shall be unlawful for any person registered under the provision of this subsection to install any fire alarm system, fire detection system or fire alarm signaling system or components, wiring or fixtures without strict compliance with the ordinance relating to such fixtures, and it shall be unlawful for any such person to do any work without having obtained such a permit from the village of Antioch as may be required.

2. Unlawful Use of Permit: It shall be unlawful for any licensed fire alarm contractor to secure or furnish a permit for the installation, alteration, replacement or repair of a fire detection system for use by any person not entitled under this subsection.

3. Required Submittals: A licensed fire alarm contractor shall include the following with the permit application:

a. The name, address and telephone number of the person, firm or organization for which the work is being performed.

b. The name, address and telephone number at the premises of the work to be performed.

c. A copy of the current contractor's license.

d. Three (3) copies of schematic drawings of the premises for the proposed system that indicates the location and types of devices to be installed.

e. Three (3) copies of manufacturer's cut sheets, for all equipment to be used at the premises as part of the system.

f. A completed battery calculation sheet that is provided with the proposed manufacturer's equipment that indicates the proper amount of standby battery capacity as it relates to the overall number of system devices being installed.

g. Signature of the applicant or authorized agent.

The application for permit and required submittals shall be reviewed by the fire department prior to issuing the permit. Once reviewed and approved, the permit shall be issued upon payment of permit fee.

4. Permit Fee: A permit fee of \$50.00 shall be paid prior to granting a permit to install the fire detection systems.

5. Inspection of Newly Installed or Modified System: Upon completion of all work related to the permitted system being installed, the licensed fire alarm contractor shall contact the fire department to perform a final acceptance test. It shall be the responsibility of the fire chief to make or cause to be made such inspection of the fire detection system to insure compliance of the provisions of this subsection and all other ordinances relating to the installation of the system. The licensed fire alarm contractor shall contact the fire department to request a system inspection at least forty-eight (48) hours prior to the desired inspection date. The fire chief or his/her designee shall perform the final acceptance test on the installed system before said system is connected to any monitoring service for active response to alarm signals.

6. Re-Inspection Fee Required: If the fire detection system fails to obtain approval by the fire department on the initial test and inspection visit, a re-inspection fee may be charged to the licensed fire alarm contractor. Said re-inspection fee shall be \$50.00 for each additional test performed to give final approval to the installed system.

7. Information Shall Be Posted: No fire alarm system shall be placed in service for active response to alarm signals received by the monitoring agency without first posting the following information on or above the front of the fire control panel:

a) The name and phone number of the agency that monitors the fire detection system.

b) The position of account number that identifies the installed system in the records of the agency that monitors the fire detection system.

c) The fire alarm license for the fire detection system installed.

d) The name and phone number of the licensed fire alarm contractor that maintains the fire detection system as required by this chapter.

D. Maintenance and Operation:

1. Maintenance and Operation: It shall be the responsibility of the fire alarm system license holder to provide for continuous inspection, testing and maintenance of their system through a maintenance agreement with a licensed fire alarm contractor. Proof of such agreement shall be provided at the time of application for a permit to install the fire detection system.

2. System Deactivation, Notification: It shall be unlawful for any person to cause the licensed fire detection system to be deactivated for inspection, testing, service, repair or alteration;

or disabled in any way without first notifying the alarm monitoring agency.

3. System Reactivation, Notification: Prior to reactivation of the licensed fire detection system, notification shall be made to the alarm monitoring agency that the system is being placed back in service.
4. Response To Fire Alarm Signals: A response to a fire alarm signal may result when any person, firm or organization reports to the fire department the receipt of an electronic fire alarm signal; the receipt of a telephone call reporting an activated fire alarm signal; or a direct report to the fire department that an emergency signal is activated from a fire detection system on the premises. Such notification may result in the dispatch of fire department personnel and equipment to the premises. It shall be the responsibility of the fire alarm user and/or the fire alarm contractor to notify the occupants on the premises whenever testing is being performed that may result in an audible signal being produced. This precaution is necessary to prevent an unnecessary response to an audible alarm signal when a system has been properly deactivated with the monitoring agency.

E. False Alarms; Additional Charges:

1. False Fire Alarm Fees: Any fire detection system that produces a response to a fire alarm signal that is determined to be a false alarm as defined in this subsection 9-6-2 shall subject the licensed fire alarm user to false alarm fees as follows:
 - a. Fourth false alarm during the calendar year - fee of \$50.00
 - b. Fifth false alarm during the calendar year - fee of \$ 75.00
 - c. Sixth false alarm or greater during the calendar year - fee of \$100.00
2. Payment of Fire Fees: The licensed fire detection system user shall be responsible for the payment of all false alarm fees assessed. Failure to remit payment for false alarm fees within ninety (90) days of the date of invoice may result in the revocation of the fire alarm user's license.

F. Signaling and Notification

1. Fire Alarm Systems Signaling: All required automatic fire alarm systems shall have supervisory, trouble and fire condition signals transmitted in accordance with NFPA 72, Chapter 5 remote station service. It is the responsibility of the building owner to maintain this supervision during the required life of the building.
2. Fire Alarm Systems Notification: All required automatic fire alarm systems shall have supervisory, and fire condition signals shall notify the Antioch Fire Department dispatch center immediately upon receipt of said alarms. Notification of premise or key holders shall occur after notification to the fire department. All trouble condition signals shall notify the premise and/or key holders upon receipt of said alarms.

G. Annunciator required:

1. Annunciator Panel: In all buildings requiring fire suppression systems, fire protective signaling systems and/or automatic fire detection systems, more than one story or 10,000 square feet in area, an annunciator panel shall be located at the front entrance so as to be readily visible to the fire department for rapid determination of the area in which a water flow alarm, detection alarm and/or manual fire alarm is activated. A zone diagram shall be provided and approved by the fire official. A separate zone by floor shall be provided for the following types of alarm-initiating devices, where provided:

- a. Smoke or heat detectors;
- b. Sprinkler water flow devices;
- c. Wet standpipe water flow devices;
- d. Manual fire alarm pull boxes;
- e. Specialized fire suppression system.

H. Security Key Box required:

1. Security Key Box: When access to or within a building or an opening is unduly difficult because of security or where immediate access is necessary for life saving, firefighting purposes, or response to activated alarms for fire protection systems, the fire official shall require a key box to be installed in a location which is accessible to and approved by the fire department. The key box shall be a type approved by the fire official and shall contain keys, properly identified, to gain access to all portions of the building or documents pertaining to emergency plan for the building.

I. Additional Device Requirements

- 1. If an automatic fire suppression system (sprinkler system) is installed within the building, a white strobe light shall be installed above the fire department connection. If this strobe light is not visible from the common direction of the responding fire department, an additional white strobe light shall be installed on the front of the building nearest to the location of the fire department connection. The strobe light(s) shall be activated by water flow from the sprinkler system.
- 2. The installation of safety guards over manual alarm initiating devices may be required where such devices are subject to damage or frequent malicious activation.
 - a. Safety guards include the installation of STI Stopper II (or equivalent) tamper covers that include an audible annunciation, over manual pull stations that are located in public access areas.

9-6-4: Blank:

9-6-5: REMOTE STATION SERVICE:

A. UL Listing required All alarm systems required by this ordinance using remote station service for monitoring of alarm signals shall transmit to a UL Listed Central Station and a copy of the UL listing for the Remote Station Service shall be provided to the Fire Department at the time of system completion and activation.

9-6-6: Blank:

9-6-7: FALSE ALARMS:

A. Service Charges: The owner or tenant shall be charged for alarm protection malfunctions and/or false alarms generating true alarm conditions in excess of three (3) per calendar year. A service charge shall be billed for each false alarm thereafter in any twelve (12) month period, except as provided in this chapter.

1. Should a false alarm be transmitted by a piece of electronic equipment under service by an alarm company, there shall be no charge for a false alarm provided the alarm holder gives the village safety inspector proof that the defect is being corrected.
2. In the event false alarms or trouble alarms continue during any twelve (12) month period, the village may direct the company maintaining the village monitoring equipment to disconnect the premises from which such false, or trouble, alarms originate, from such equipment. Reconnection of such premises to the monitoring equipment shall not be made until all false alarm fees, and a reconnection charge of two hundred fifty dollars (\$250.00), have been paid to the village.
3. No person, other than a fire official, shall cause a fire alarm system to be reset once an alarm has been activated. This section will not apply to alarms generated for testing or fire drills when the village communications facilities have been notified in advance of the testing or drill.
4. Alarm system audiovisual warning devices may be silenced by the building owner/occupant, but only after a thorough search of the building has been conducted and it has been determined that no fire or other emergency exists. (Ord. 10-02-05, 2-16-2010)
5. Resetting of a fire alarm prior to the arrival of the fire department will constitute a false alarm.

B. Grace Period: Upon written request, a thirty (30) day grace period for new alarm systems or for major modification or additions to existing alarm systems shall be granted upon approval by the village safety inspector.

9-6-8: DAILY TEST SIGNAL REQUIRED:

A. Daily Fire Alarm System Test Signal; The fire alarm or detection system shall be programmed to transmit an automatic daily test signal to the remote central station as required in NFPA 72. Said daily test signal shall be programmed to transmit at the same time each day. If said test signal is

not received in the remote central station facility within 60 minutes of the scheduled time, the central station shall notify the premise and/or key holder of the system failure.

9-6-9: Blank:

9-6-10: Blank:

9-6-11: Blank:

9-6-12 Security Systems, Combination Systems and Burglar Alarms:

A. Registration Required

1. Security Systems and Burglar Alarms Registration: All security systems, combination alarms and burglar alarms installed within the Village of Antioch that are programmed to notify a central station monitoring service of an alarm condition that requires the Antioch Police or Fire Department to respond to the premise shall register their system with the Village of Antioch at the time of installation or activation to monitoring service. Residential security systems with fire detection options shall fall under this section.

2. Registration information and fee

Registration of a security system or burglar alarm shall include the following information:

- a. The name, address and telephone number of the person, firm or organization for which the security system or burglar alarm is being registered:
- b. The name, address and telephone number at the premises of the system installation if different than a) above.
- c. The name, address and telephone number of the person or company that will be performing the system installation.
- d. The alarm contractor or alarm agency license number of the installing company
- e. The name, address and telephone number of the central station monitoring agency that will be receiving the alarm signals.
- f. A list of at least three key holder names with telephone numbers to contact in the event of a system malfunction or activation.
- g. Signature of the applicant or authorized agent.

3. Registration Fee: A one-time registration fee of \$25.00 shall be paid prior to activation and connection of the security system or burglar system to a central station.

4. False Alarm Fees for Security Systems and Burglar Alarms or Combination Alarms: Any system that produces a response to a signal from a security system or burglar alarm that requires a response from the Antioch Police or Fire Department; and said signal is determined to be a false alarm as defined in this subsection 9-6-2 shall subject the licensed

fire alarm user to false alarm fees as follows:

a. Fourth false alarm during the calendar year - fee of \$50.00

b. Fifth false alarm during the calendar year – fee of \$ 75.00

c. Sixth false alarm or greater during the calendar year - fee of \$100.00

9-6-13: WAIVERS:

Any person and/or corporation may request a waiver if specific sections of this chapter will create an undue economic burden. Said waiver request shall be made in writing to the fire chief or police chief and the village safety inspector citing the specific facts supporting the waiver request.

- A. After investigation of all facts, the fire chief or police chief and the village safety inspector shall submit the waiver request and their recommendations to the board of trustees at a regularly scheduled board meeting. The petitioner may be present at the meeting to offer direct testimony and otherwise support his/her request.
- B. After hearing all evidence and careful deliberation, the board of trustees may waive specific sections of this chapter when all of the following conditions are met:
 - 1. The facts presented are deemed to be true and accurate; and
 - 2. The proposed waiver will not constitute an increase in life safety hazards or lessen the protection afforded to the building, its occupants or firefighters; and
 - 3. A time schedule is established for compliance with the chapter as adopted.
- C. Any waiver issued under this section may be rescinded if it is later determined that facts presented were inaccurate, the waiver is ineffective, or a life safety problem has been determined to exist. (Ord. 10-02-05, 2-16-2010)