

ORDINANCE NO. O-15-02

AN ORDINANCE ADOPTING BY REFERENCE AS THE CODES FOR THE VILLAGE OF HANOVER PARK THE INTERNATIONAL BUILDING CODE 2012 EDITION, THE INTERNATIONAL RESIDENCE CODE 2012 EDITION, THE INTERNATIONAL MECHANICAL CODE 2012 EDITION, THE INTERNATIONAL PROPERTY MAINTENANCE CODE 2012 EDITION, THE INTERNATIONAL ACCESSIBILITY CODE 2012 EDITION, THE INTERNATIONAL FUEL GAS CODE 2012 EDITION, THE INTERNATIONAL ENERGY CONSERVATION CODE 2012 EDITION, THE INTERNATIONAL SWIMMING POOL AND SPA CODE 2012 EDITION, THE 2011 NATIONAL ELECTRICAL CODE, AND THE INTERNATIONAL FIRE CODE 2012 EDITION

WHEREAS, the Village of Hanover Park is a home rule unit by virtue of the provisions of the 1970 Constitution of the State of Illinois; and

WHEREAS, the Village, as a home rule unit, may exercise power and perform any function pertaining to its government and affairs including the power to regulate for the protection of the public health, safety, and welfare including the construction and maintenance of structures; and

WHEREAS, the Village pursuant to its home rule authority desires to adopt the above titled codes; now, therefore

BE IT ORDAINED by the President and Board of Trustees of the Village of Hanover Park, Cook and DuPage Counties, Illinois, as follows:

SECTION 1: That Chapter 18 of the Municipal Code of the Village of Hanover Park, as amended, is amended by deleting there from Sections 18-1.4 and 18-93.

SECTION 2: That Sections 18-1, 18-1.1, 18-1.2, 18-1.5, 18-1.7, 18-1.9, 18-1.16, 18-1.30, 18-1.34, 18-1.35, 18-2, 18-3, 18-4, 18-5, 18-6, 18-7, 18-31, 18-32, 18-33, 18-61, 18-62, 18-91, 18-92, 18-121, 18-122, 18-170 and 18-171 of Chapter 18 of the Municipal Code of Village of Hanover Park, as amended, are amended to read as follows:

ARTICLE I. - BUILDING CODE

Sec. 18-1. - Adopted.

The regulations of the 2012 Edition of the International Building Code, IBC, as recommended and published by the International Code Council, Inc., published in pamphlet form, are adopted as the regulations governing the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every

building or structure or any appurtenances connected or attached to such buildings or structures and accessory structures with such amendments as are hereafter set forth in this article.

Sec. 18-1.1. - Building Code - Chapter 1 amendments.

- a. Section 101 amendments: Section 101.1 is amended to read as follows: These regulations shall be known as the Building Code of the Village of Hanover Park, hereinafter referred to as "this code".
- b. Section 105.2 is amended by eliminating under "Building items 1 through 10 and under Electrical" everything except repairs and maintenance.
- c. Section 105.5.1 is added to read as follows: Unless a sooner expiration date is provided on the permit by the Building Official, the permit shall expire one (1) year after its date of issuance. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.
- d. Section 105.5.2 is added to read as follows: Permit term for demolition. A permit issued for the demolition of any building or structure shall be for a term not to exceed 30 days and all permitted demolition shall be completed within the time limit of the permit. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 30 days each. The extension shall be requested in writing and justifiable cause demonstrated.
- e. Section 107.2.6 is added to read as follows: (1) Traffic study: Prior to the issuance of a building permit by the code official or a site development permit by the village engineer, for which a traffic engineering study is required to meet the requirements of the Municipal Code of Hanover Park, a traffic engineering study shall be obtained by the village and paid for by the permittee; and (2) The permittee shall pay to the village prior to the village's request for the traffic engineering study the estimated cost from the proposal of the traffic engineer selected by the village. If the final cost of the traffic engineering study is less than the estimate, then the village shall refund the difference, but if the cost is more than the estimate, the permittee shall pay such difference not later than prior to the issuance of the permit.
- f. Section 107.2.5 is amended to read as follows: A plat of survey prepared by an Illinois-registered land surveyor, showing the property and all existing improvements, shall accompany permit applications. The applicant shall indicate all proposed improvements on the plat of survey or site plan.
- g. Section 109.2 is amended by adding: The fees are established by the village as dictated in the Municipal Ordinance under Article VI and Sections 18-151 through 18-169.
- h. Section 110.3.1.1 is added to read as follows: Survey requirements. After construction of the foundation, an as-built plat of survey, prepared by a registered Illinois Land Surveyor, shall be submitted to show the dimensions from the foundation to the lot lines and the elevation of the top of the foundation and center of the adjoining roadway. The survey shall show that the

foundation is not encroaching upon any public or utility easements, required setback or adjoining property.

- i. Section 111.3 is amended to read as follows: Temporary occupancy permit. Pending the issuance of a certificate of occupancy and/or certificate of compliance and upon the written request of the holder of a building permit, or of the owner, a temporary occupancy permit to authorize temporary occupancy may be issued by the code official upon the following conditions: 1. Occupancy shall be authorized only in those portions of the building or structure as indicated on the permit. 2. Conditions of the occupancy may be required as deemed necessary. 3. In no instance shall the code official utilize the above procedure where the premises for which a temporary certificate of occupancy has been requested are not safe for occupancy. 4. Temporary occupancy, when allowed, shall not extend for a period of more than 60 days. This period may be extended for up to 120 more days by the village code official upon proof by the building permit holder or the owner of undue hardship that prevents them from achieving compliance. 5. The fees for a temporary occupancy permit shall be paid in accordance with Chapter 18, Article VI or as follows. 6. Temporary certificates of occupancy shall only be issued for single-family detached structures between October 15 and April 15 with the posting of a cash bond in the following amounts for each incomplete requirement: Landscaping \$2,000.00, Driveway on the property \$1,000.00. Driveway approach in right-of-way \$1,000.00, Service walks \$400.00 Stoops/decks \$600.00. 7. Temporary certificates of occupancy shall only be issued for multifamily structures between October 15 and April 15 with the posting of a \$2,000.00 cash bond per dwelling unit. 8. For all other nonresidential structures, a temporary certificate of occupancy shall be issued at any time upon the posting of a cash bond in the amount of 110 percent of the cost of the incomplete requirements as determined by the building official.
- j. Section 113.1 is amended by deleting "The board of appeals shall be appointed by the governing body and shall hold office at its pleasure," and inserting "the Village Board shall be the Board of Appeals."
- k. Section 113.3 is deleted.
- l. Section 114.4 is amended to read as follows: Violation penalties. 1. It is unlawful for any person to violate a provision of this code or fail to comply with any requirements thereof or erect, construct, alter, or repair a building or structure in violation of an approved plan or directive of the Code Official or of a permit or certificate issued under the provisions of this code and shall be punished by a fine of not less than \$100.00 nor more than \$1000.00. Each day that a violation continues shall be deemed a separate offense. 2. Any person that performs work without obtaining a permit as required by this code shall pay a permit fee double the amount of fee calculated for the work in accordance with the schedule set forth herein. 3. A second violation of the offense within a 12-calendar-month period shall require payment of a fee quadruple the amount of the standard fee or a minimum of \$150.00, whichever is greater.

- m. Section 115.3 is amended to read as follows: Unlawful continuance. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform or to remove a violation of unsafe conditions, or who removes a stop work order posted on any structure by the Building Official, shall be liable to a fine of not less than \$100.00 or more than \$1000.00. Each day that a violation continues shall be deemed a separate offense.
- n. Section 116.6 is added to read as follows: Vacant or fire-damaged structures. Every person owning or having charge or control of any vacant or fire-damaged building shall remove all combustible waste and refuse therefrom and lock and barricade or otherwise secure all windows, doors, and other openings in the building to prohibit entry by unauthorized persons.

Sec. 18-1.2. - Building Code - Chapter 2 amendment.

- a. *Section 202*, the definition of High Rise is amended to read as follows: High Rise: Any building having more than four stories or that is over 40 feet to the highest floor, or that is over 50 feet in height.

Sec. 18-1.3. - Reserved.

Sec. 18-1.4. - Reserved.

Sec. 18-1.5. - Building Code - Chapter 5 amendments.

- a. *Section 501.2.1* is added and shall read as follows: Tenant identification. All buildings with multiple tenants or units shall have signs in the main entry corridor or in the corridor across from the elevator door for a building with elevators. This directional signage shall indicate the number of each tenant space. All tenant spaces shall have a sign, which indicates the tenant space number. The signs shall be constructed of durable materials, be permanently installed, and be readily visible. Letters and numbers shall contrast with the background and shall be a minimum of two inches in height unless otherwise approved by the code official.
- b. *Section 507.13* is added and shall read as follows: Subdivision of existing unlimited area buildings. Lawfully existing unlimited area buildings divided by new lot lines are not required to comply with the fire separation distance regulation of Table 507.2 provided all of the following requirements are met: 1. The subdivision is only made for tax assessment purposes, and the individual lots created by the subdivision of an unlimited area building shall not be individually sold or mortgaged. 2. The building prior to subdivision complied

with all requirements for unlimited area buildings. 3. Any addition or alteration of any portion of the building must comply with all requirements for an unlimited area building.

Sec. 18-1.6. - Reserved.

Sec. 18-1.7. - Building Code - Chapter 7 amendments.

- a. *Section 706.12* is added to read as follows: Tenant separation. Each tenant shall be separated from other tenant spaces by fire barriers (walls and floor ceiling assemblies) having at least a two-hour fire rating. Fully sprinkled buildings shall be required to have a tenant separation of not less than one hour unless otherwise required by the code.
- b. *Section 708.1.1* is added to read as follows: Multiple single-family dwellings: Single-family dwelling units (Use Group R-3) shall be considered as one building classified as Use Group R-3 for the purpose of determining the applicable provisions of this code; provided that each dwelling unit is completely separated from the adjacent dwelling unit(s) by fire separation wall(s) and floor/ceiling assemblies of not less than two-hour fire-resistant-rated construction, and each unit has an independent means of egress.
- c. *Section 708.1.2* is added to read as follows: Use Group R-2 structures. 1. The provisions of this section shall apply to all multifamily structures containing five or more sleeping and/or dwelling units; or one or more living/work units in a structure containing another type of use such as business or industrial. The fire resistance rating of structural elements (including walls, floors, and roof) and tenant separation or party walls shall be a minimum of two hours. Exterior and load-bearing wall construction shall be of masonry. All floors shall have at least a two-hour fire resistance rating. 2. A building nonconforming as to the requirements of this section which is damaged by fire or other casualty may be restored without compliance with this requirement if the cost of reconstruction to its condition prior to the casualty does not exceed 50 percent of the replacement cost of the entire building and compliance with the code.
- d. *Section 711.1.1* is added to read as follows: Use Group R-2 structures. Floor, roof, and ceiling assemblies of Type R-2 construction shall comply with the requirements of Section 708.1.2.

Sec. 18-1.8. - Reserved.

Sec. 18-1.9. - Building Code - Chapter 9 amendments.

Section 903.2.1 is amended to read as follows:

All buildings of all use groups, other than one- and two-family dwellings, greater than 2,500 square feet shall be protected with an approved automatic fire sprinkler system installed and maintained in accordance with NFPA 13. All spec warehouse buildings (Use Groups S or F) with a ceiling height 25 feet or greater shall be protected with an ESFR fire sprinkler system or hydraulically-calculated system for Class IV commodities with rack storage calculated to the greatest storage height. All automatic fire sprinkler systems shall be electronically supervised by a fire alarm system. For the purposes of this section, a building is defined as the aggregate floor area bounded by the exterior walls regardless of fire walls, fire barriers, or fire resistance-rated horizontal assemblies.

Section 903.2.1.1 through 903.2.11.3 is deleted.

Section 903.3.5 is amended by adding the following:

Hydrant flow data used for the design of any automatic fire sprinkler system shall be no more than one-year old.

Section 903.3.5.3 is added to read as follows:

System Demand: A minimum safety factor of 10% or 5 psi shall be provided in any automatic fire sprinkler system hydraulic calculation. The system demand shall be a minimum of 5 psi below the seasonal low water flow test supply.

Section 903.4.1 is amended to read as follows:

Alarm, supervisory, and trouble signals shall be distinctly different and automatically transmitted to a remote supervising station as defined in NFPA 72.

Section 903.4.1.1 is added to read as follows:

Fire Department Supervision: All required fire alarm systems shall terminate at the Fire Department Communications Center.

Section 903.4.2.1 is added to read as follows:

FDC Indicating Devices: An approved audio and visual alarm device shall be located on the exterior of the building over the Fire Department Connection (FDC).

Section 903.4.2.2 is added to read as follows:

Alarm Indicating Devices: Audio and visual alarm indicating devices shall be provided, seen, and heard in all areas of the building. All alarm-indicating devices shall be installed and maintained in accordance with NFPA 72. All buildings with an automatic fire sprinkler system shall be provided with alarm-indicating devices.

Section 903.4.2.3 is added to read as follows:

Automatic fire sprinkler system inspector test valves shall be accessible at all times and shall be located no more than six feet above finished floor. On multiple riser systems, the test valve shall be marked to indicate which riser and area it tests.

Section 903.4.3 is amended to read as follows:

Approved supervised-indicating control valves shall be provided at the point of connection to the riser on each floor in multiple-story buildings.

Section 903.4.4 is added to read as follows:

Zoned Areas: When a single zone of an automatic fire sprinkler system protects more than a single room or area, the fire code official may require additional smoke detectors in order to more rapidly identify the location of the smoke or fire.

Section 907.1.2 is amended by adding the following:

All fire alarm systems shall be of the addressable type and shall be installed in accordance with NFPA 72.

Section 907.1.4 is added to read as follows:

Protection of control units: In areas that are not continuously occupied, automatic fire detection shall be provided at the location of each new fire alarm control unit, fire alarm notification circuit power extender, and supervising station transmitting equipment to provide notification of a fire at that location.

Exception: Additional detection is not required in buildings that are sprinklered in accordance with Section 903.3.1.1 or 903.3.1.2.

Section 907.1.5 is added to read as follows:

Monitoring: Fire alarm systems required by this chapter or by the International Fire Code shall be monitored by a remote supervising station in accordance with NFPA 72 and shall terminate at the Fire Department Communications Center. All new required fire alarm systems shall transmit trouble, supervisory, and fire signals directly to the Fire Department Communications Center remote receiving station via a wireless transmitter in accordance with NFPA 72. Only equipment certified and approved by the remote receiving station and/or its designated proprietor may be installed. The designated proprietary agent shall be the only authorized installer of the approved radio transmitters. Existing systems shall be changed to wireless upon the alarm owner's request, when the existing equipment is updated or where a disconnection of the telephone lines has occurred for a time period of more than 30 days.

Section 907.2 is amended to read as follows:

Where required: An approved manual, automatic, or manual and automatic fire alarm system shall be provided in all Use Groups. For the purpose of this section,

a building is defined as the aggregate floor area bounded by the exterior walls regardless of fire walls, fire barriers, or fire resistance-rated horizontal assemblies.

Exceptions:

1. Section 907.2.6 of the International Fire Code Use Group I shall remain without amendments;
2. An approved automatic fire detection system shall be installed in accordance with NFPA 72 in all Use Groups not provided with an automatic fire sprinkler system. Devices, combinations of devices, appliances, and equipment shall comply with Section 907.1.2. The automatic fire detectors shall be smoke detectors, except that an approved alternative-type of detector shall be installed in spaces such as boiler rooms where during normal operation, products of combustion are present in sufficient quantity to actuate a smoke detector.

All fire alarm control panels shall be installed within ten feet of the building main entrance, or in a location approved by the Code Official.

Section 907.2.1 through 907.2.5 and 907.2.7 through 907.2.10 are deleted and “where the total area exceeds 50,000 square feet” in *902.2.20* is amended to read “all areas.”

Secs. 18-1.10. - 18 - 1.1. - Reserved.

Secs. 18-1.12. – 18 - 1.15. - Reserved.

Sec. 18-1.16. - Building Code - Chapter 16 amendment.

1. *Section 1612.3* is hereby amended to read as follows:

The village shall establish flood hazard areas based on the floodplain regulations in article III of chapter 38 of the Municipal Code.

Secs. 18-1.17. - 18-1.29. - Reserved.

Sec. 18-1.30. - Building Code - Chapter 30 amendments.

Section 3001.2 is amended by adding thereto the current standards of the following:

ASME A17.2, A17.3, A18.1, ASME QE1-1, ANSI A10.4-2004, ASCE 21, and ANSI MH29.1.

Section 3002.4 is amended to read as follows:

Elevator car to accommodate ambulance stretcher: In all buildings with an elevator, at least one elevator shall be provided for Fire Department emergency access to all floors. Such elevator car shall be of such a size and arrangement to accommodate a 24-inch by 84-inch ambulance stretcher in the horizontal, open position and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than three inches (76 mm) high and wide and shall be placed inside on both sides of the main lobby hoist way door frame.

Section 3003.2 is amended to read as follows:

Firefighters' emergency operation: Elevators shall be provided with Phase I emergency recall operation and Phase II emergency in-car operation in accordance with ASME A17.1 and NFPA 72.

Section 3006.1 is amended to read as follows:

Access: An approved means of access shall be provided to elevator machine rooms and overhead machinery spaces. This means of access is not to be used as a passageway through the machine room to other areas of the building.

Section 3008.12 is added to read as follows:

Responsibility, Maintenance, and Unsafe Conditions.

1. Owner responsibility: The owner or the owner's legal agent for the building in which the equipment is located shall be responsible for the care, maintenance, and safe operation of all equipment covered by this article after the installation thereof and acceptance by such owner or agent. The owner or legal agent shall make or cause to be made all periodic tests and inspections, and shall maintain all equipment in a safe operating condition, as required by this article.
2. Contractor responsibility: The person installing any device covered by this article shall make all acceptance tests and shall be responsible for the care and safe operation of such equipment during its construction and unit temporarily or finally accepted by the Code Officials Elevator Inspector.
3. Maintenance items: All operating and electrical parts and accessory equipment or devices subject to this article shall be maintained in a safe operating condition. The maintenance of elevators, dumbwaiters, and escalators shall conform to ASME A17.1 listed in Appendix A.
4. Unsafe conditions: If, upon inspection, any equipment covered in this article is found to be in an unsafe condition, or not in acceptance with the provisions of this code, the code official shall thereupon serve a written notice of such finding upon the building owner or lessee, stating the time when recommended repairs or

changes shall be completed. After the service of such notice, it shall be the duty of the owner to proceed within the time allowed to make such repairs or changes as are necessary to place the equipment in a safe condition. It shall be unlawful to operate such equipment after the date stated in the notice unless such recommended repairs or changes have been made and the equipment has been approved, or unless an extension of time has been secured from the code official in writing. Time duration to be 24 hours, seven days, 15 days, or maximum 30 days.

a. Power to seal equipment: In cases of emergency, the Code Official, in addition to any other penalties herein provided, shall have the power to seal out of service any device or equipment covered by this article when, in the opinion of the Code Official, the condition of the device is such that the device is rendered unsafe for operation; or for willful failure to comply with recommendations and orders of the code official.

b. Notice of sealing out of service: Before sealing any equipment out of service, the code official, except in case of emergency, shall serve written notice upon the building owner or lessee stating the intention to seal the equipment out of service and the reasons therefore.

c. Unlawful to remove seal: Any device sealed out of service by the code official shall be plainly marked with a sign or tag indicating the reason for such sealing. Any tampering with, defacing, or removal of the sign, tag, or seal without approval shall constitute a violation of this article.

5. Accidents reported and recorded: The owner of the building shall immediately notify the code official of every accident involving personal injury or damage to the apparatus on, about, or in connection with any equipment covered by this article, and shall afford the code official every facility for investigating such accident. When an accident involves the failure, breakage, damage, or destruction of any part of the apparatus or mechanism, it shall be unlawful to use such devices until after an examination by the code official is made and approval of the equipment for continued use is granted. It shall be the duty of the code official to make a prompt examination into the cause of the accident and to enter a full and complete report thereof in the records of the building department. Such records shall be open for public inspection at all reasonable hours.

6. Removal of damaged parts: It shall be unlawful to remove from the premises any part of the damaged construction or operating mechanism of elevators, or other equipment subject to provisions of this article, until permission to do so has been granted by the code official.

Section 3008.13 is added to read as follows:

Certificate of Compliance.

1. Certificate of compliance: The operation of all equipment governed by the provisions of this chapter and hereafter installed, relocated, or altered

shall be unlawful by persons other than the installer until such equipment has been inspected and tested as herein required and a final certificate of compliance has been issued by the code official.

2. Posting certificates of compliance: The owner or lessee shall post the current-issued certificate of compliance in a conspicuous place inside the elevator.

Section 3008.14 is added to read as follows:

Construction documents and permits.

1. Application: The application for a permit shall be accompanied by construction documents in sufficient detail and indicating the location of the machinery room and equipment to be installed, relocated, or altered; and all supporting structural members, including foundations. The construction documents shall indicate all materials to be used and all loads to be supported or conveyed. Documents are to be reviewed and approved before permit is issued.

2. Permits: Equipment or devices subject to the provisions of this code shall not be constructed, installed, relocated, or altered unless a permit has been received from the code official before the work is commenced. A copy of such permit shall be kept at the construction site at all times while work is in process.

Section 3008.15 is added to read as follows:

Test and inspections:

1. General: All equipment and devices covered by the provisions of this code shall be subject to acceptance and maintenance tests and periodic inspections as required herein.

2. Acceptance tests: Acceptance tests and inspections shall be required on all new, relocated, and altered equipment subject to the provisions of this chapter. Tests and inspections shall be of such a nature as to determine whether the entire installation is designed, constructed, and installed in compliance with this code, and shall include all parts of the equipment and machinery. In addition, Full Load Tests shall be done on all equipment. All such tests shall be made in compliance with the requirements of Section 3004.5 and in the presence of the code official, or by an approved agency for the code official and by the person installing such equipment.

3. Periodic tests and periodic inspections: Periodic tests shall be required on all new and existing power elevators, and periodic inspections shall be made of all new and existing equipment subject to the provisions of this chapter.

a. Periodic tests: Periodic tests shall be made by the code official, or by an approved agency, and shall be made at the expense and responsibility of the owner. Where such tests are not made by the code official, the approved agency shall submit a detailed report of the tests to the code

official on approved forms not more than 30 days after the completion of the tests.

b. Periodic inspections: Periodic inspections shall be made by the code official or by an approved agency. Where such inspections are not made by the code official, the approved agency shall submit a detailed report of the inspection to the code official on approved forms not more than 30 days after completion of the inspection.

c. The frequency of tests and inspections: Test and inspections shall be conducted at intervals of not more than those set forth in ASME A17.1 listed in chapter 35 for elevators, escalators, dumbwaiters, and moving walks.

Section 3008.16 is added to read as follows:

Miscellaneous hoisting and elevating equipment:

1. All miscellaneous hoisting on elevating equipment shall be subject to tests and inspections as required by the code official to ensure safe operations.
2. Conveyors and related equipment shall be inspected and tested in accordance with ASME B20.1 listed in chapter 35.

Section 3303.4 - Vacant Lot is amended to read as follows:

The following vacant lot requirements shall apply to all property within the Village of Hanover Park following the demolition or removal of a building. It is the intention of the Village Board that, to the fullest extent possible, that the following provisions, or as many as may be fully applicable shall, in addition to being applied prospectively shall also be applied retroactively to all vacant lots following demolition that has occurred within the village within a period commencing 24 months prior to the adoption of this amendment.

Prior to the issuance of any permit for the wrecking, demolishing, or razing of any building or other structure in excess of 1,000 square feet, the owner of said building or structure shall deposit, in escrow, funds in an amount deemed sufficient by the code official or his designee to secure the owner's obligations to grade, place topsoil, seed, sod, and/or fence any unimproved surface. Should the owner and/or owner's successor(s) in interest fail to perform said duties, the village may draw on said funds to complete all required tasks. For the demolition of a building or structure, or part thereof, greater than 1,000 square feet in area, the vacant lot resulting thereafter shall be filled and maintained and the owner or successive owner shall be required to provide the following supporting documents and is subject to the following requirements and submittals:

1. A site management plan shall be submitted for review and approval if new construction is to commence within 90 days from the issuance of the building permit for the demolition work, and indicate the following items:
 - a. The property drawn to a scale of not less than one inch equals 20 feet (1" = 20') unless otherwise approved by the code official.
 - b. Existing buildings to be removed or retained.
 - c. All easements, existing utility lines, well and septic systems on the subject property and all adjacent parkways and property within 20 feet.
 - d. Silt fencing, protective tree fencing, and perimeter safety fencing in required locations.
 - e. Means of primary ingress/egress from the public ways to the site and points for emergency access, traffic control devices and measures, and on-site and off-site parking areas.
 - f. Temporary areas for the storage or staging of debris, soil, construction materials and construction equipment.
2. A site restoration plan shall be submitted for review and approval if new construction will not commence within 90 days from the issuance of the building permit for the demolition work, and indicate the following items:
 - a. The property drawn to a scale of not less than one inch equals 20 feet (1" = 20') unless otherwise approved by the code official.
 - b. Measures to restore the site in accordance with the applicable county countywide storm water and floodplain ordinance to the natural grade, establish soil stabilization or groundcover, and an itemized cost estimate to complete the work.
 - c. A statement indicating that the site restoration work will be completed with a required 90-day period after substantial completion of the demolition work. An extension of time may be granted by the fire chief or his designee if unforeseen circumstances are determined to impede the completion of the restoration.
3. Upon completion of demolition, all debris, equipment and temporary protections shall be removed from the site. In no case shall demolition debris be allowed to remain on the site longer than seven days after the structure has been demolished.
4. Upon completion of demolition, the owner and/or the owner's successor(s) shall immediately restore the public right-of-way to its original condition upon completion of the work, including restoration of openings, broom sweeping walks and streets, mow grassy areas and if required by raking of grassy areas.
5. On completion of demolition, the property owner and/or the owner's successor(s) in interest shall fill the property with clean inorganic material with the upper eight inches filled in friable topsoil and graded to the level of sidewalks, alleys, or adjoining property with allowance for settlement.

6. On completion of demolition, the property owner and/or owner's successor(s) in interest shall schedule and permit an inspection by the building official to determine compliance with the Village Code.

7. Unless construction of a new building on the site commences within 90 days of completion of demolition, the property owner and/or owner's successor(s) shall seed the property with grass or place sod thereon no later than 15 days after completion of demolition and restoration. The temporary construction fence shall be removed no later than 15 days after such seeding or sodding.

It is unlawful for any person to violate a provision of this section or fail to comply with any requirement thereof, or demolish a building or structure in violation thereof, or fail to comply with the requirements of this section concerning a vacant lot following the demolition of a building or structure, and any such violation shall be punishable by a fine of not less than \$100.00 nor more than \$1000.00. Each day a violation continues shall be deemed a separate offense.

Secs. 18.1-32. - 18.1-33. - Reserved.

Sec. 18-1.34. - Building Code - Chapter 34 amendments.

Section 3408.5 is added to read as follows:

Change of occupancy. All buildings or parts of a building vacant for more than one year shall be considered a change of use.

Section 3408.6 is added to read as follows:

Permit required: No person shall move any building on, through, or over any street, alley, sidewalk, or other public place in the village without having obtained a permit. The application shall also include the proposed route and number of days for the move when application is made.

Section 3410.2 is added to read as follows:

Bond. Every person applying for a permit under Section 3410.1 shall submit with his application a cash bond in the amount of \$50,000.00 with a lawful corporate surety to be approved by the code official, conditioned upon his compliance with all of the provisions of this article, and agreeing to pay and hold the Village harmless from any claim which may be made against it by reason of occupation of any street, alley, sidewalk, or other public place by the building or structure moved.

Section 3410.3 is added to read as follows:

Disconnection and reconnection of utility wires: When it shall be necessary to interfere with wires or cables of a public utility in moving a building, the terms of

any special or franchise ordinance governing shall apply, and the bond therein specified shall be given. If no such terms apply, then the code official shall estimate the expense of repairing the wires, and the value of the bond to be given to cover the expense which shall be 110% of the value of the work as determined by the code official.

Section 3412.2 is amended to read as follows:

Applicability Structures existing prior to October 1, 1997, in which there is work involving additions, alterations, or changes of occupancy shall be made to conform to the requirements of this section or the provisions of Section 3403 through 3407. The provisions in Sections 3412.1 through 3412.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, S, and U. These provisions shall not apply to buildings with occupancies in Group H or I.

Sec. 18-1.35. - Building Code - Chapter 35 amendments.

(a)The following changes are made to ASME A17.1 by adding the following unless otherwise stated:

1. 2.7.3.1 Access to Machine Rooms and Spaces - General Requirements.

A permanent safe, convenient means of access into the elevator machine room and overhead machinery spaces shall be provided for elevator maintenance personnel only. The elevator machine room shall not be used for a through passage to and from other spaces, roofs, electric maintenance, etc.

2. 2.8.2.3.1 Shut-Off Valves in Sprinkler Branch Lines.

Shut-off valves with a tamper-proof electrical switch back to the fire alarm panel shall be provided for each branch line for machine room and shaft in an accessible location outside these spaces.

3. 2.10.1 Guarding of Equipment in Machine Rooms and Secondary Machine Spaces. The following shall be guarded to protect against accidental contact:

- a. Driving machine sheaves and ropes whose vertical projection upon a horizontal plane extends beyond the base of the machine;
- b. Sheaves;
- c. Exposed gears, sprockets, tape or rope sheaves or drums of selectors, floor controllers or signal and driving machine guards, and their driving ropes, chains, or tapes; and
- d. Keys, keyways, and screws in projecting shafts.

Hand-winding wheels and flywheels that are not guarded shall have yellow markings.

4. 2.14.7.1.3 Change the first sentence to read as follows: Passenger and freight elevators shall be provided with a standby emergency lighting power source on each elevator conforming to the following.
5. 2.7.3.4(B) All machine room doors to be one and one-half-hour B label self-closing and locking.
6. 3.7 Change the requirements of Section 3.7.1 to read: The requirements of Section 2.7.1.1.1.
7. 3.19.4.1 After supply line shut-off valve, add “with a permanent handle to be attached to valve for shut-off purposes.”
8. Section 5.3 Private Residence
 - 5.3.1.1.4.5 Machine Room: Electric elevator rooms to be:
 - a. A minimum of one hour fire resistance.
 - b. A minimum 60 inches wide by 24 inches deep.
 - c. A maximum 60 inches wide by 60 inches deep.
 - d. Have head room a minimum 84 inches.
 - e. Have a door to be minimum 36 inches wide by 80 inches self-closing and locking.
 - f. A main line disconnect switch to be fused, heavy duty on the lock side of the door.
 - g. A car light disconnect switch to be fused, heavy duty on the lock side of the door.
 - h. A room light switch on the lock side of the door. Minimum illumination five-foot candles.
 - i. A room to have a 110-volt GFI duplex outlet below the light switch.
 - j. A minimum five-pound ABC fire extinguisher in the machine room on the lock side of the door.
9. 5.3.1.8.3 Emergency lighting is to be provided in the car per Section 2.14.7.1.3
10. 5.3.2.3.1 Emergency Lighting is to be provided in the Hydraulic Elevator - Machine Room per 5.3.1.1.4.5.
11. 5.3.1.19 Emergency Signal: Emergency signaling device to comply with Section 2.14.7.1.3.
12. 8.10.3.2.2.M Hydraulic working pressure shall be checked by running the elevator with a full load in the car and the pressure verified as per the Data Plate.
13. 5.2.1.27 Emergency Operating and Signaling Service: A telephone to a 24-hour source with voice message, emergency light, and alarm shall be installed on the elevator.
14. 5.2.1.27 Phase I and II Fire Service: Phase I and II fire service with smoke sensor recall shall be provided on the elevator. When the machine room on the shaft is sprinklered, a shunt trip device controlled by a heat sensor shall be installed.

(b) Delete the ICC Electrical Code and ICC Zoning Code

(c) NFPA Standards shall reference the latest printed edition of any standard.

(d) Adopt Appendix, A, Replace Appendix B, Replace the board of appeals with the Village Board of Hanover Park, Omit Appendix C, Omit Appendix D, Replace Appendix E with the current State of Illinois Accessibility Code, Adopt Appendix F, Adopt those requirements of Appendix G that are more stringent than the requirements of the MWRD or DuPage County Storm Water Management Ordinances, Adopt Appendix H, Adopt Appendix I, Adopt Appendix J, Adopt Appendix K, Omit Appendix L, Omit Appendix M.

Sec. 18-2. - Footing Drains.

Footing drains shall be connected to sump pumps, and discharge shall be made into storm sewers, swales provided in the drainage easements along the lot lines or into drywells located not closer than 5 feet to a side yard lot line or 10 feet from a front or rear lot line. No footing drains or drainage tile shall be connected to the sanitary sewer system. Footing drain discharge methods are subject to review and approval by the code official.

Sec. 18-3. - Reinforcement.

All concrete slabs shall be reinforced with a minimum of a six-inch by six-inch 1.4/1.4 (10 gage) welded wire mesh supported at mid-depth of the slab on three-foot centers or an approved equal. Exceptions:

1. Reinforcement is not required in public and private sidewalks.
2. Reinforcement is not permitted in parkway driveway aprons.

Sec. 18-4. - Skateboard ramps.

It has generally been determined that the unregulated use and construction of skateboard ramps or pipes in the village can be detrimental to the health, safety and welfare of the residents of the Village and regulations of these ramps is essential.

"Skateboard ramps" defined. "Skateboard ramps" shall refer to all outdoor structures designed and principally intended to permit persons on skateboards to move continuously from one side to another, commonly known as ramps or pipes.

A skateboard ramp that is more than 30 inches in height shall be required to be constructed after issuance of a building permit and compliance with the following regulations:

1. No skateboard ramp shall exceed six feet in height.
2. Skateboard ramps shall not be located in the front, side or corner side yards of residentially zoned property.
3. No skateboard ramp shall be located within ten feet to the rear or side lot line.
 - a. Skateboard ramps shall comply with all of the requirements of the building code for decks and similar structures, including, but not limited to:
 - a. Holes for skateboard ramp support posts shall be at least eight inches in diameter, 42 inches below grade and filled with concrete.
 - b. All lumber in direct contact with the ground shall be pressure-treated with wood preservative.
Plywood used in ramp construction shall be exterior-grade.
 - b. A ramp platform 30 inches or more above ground shall have a guardrail at least 36 inches high.
 - c. Ramp design shall not allow the utilization of space under the ramp or the platform as storage space.
 - d. All wood used in ramp construction shall be smooth-finished to prevent injury and shall be properly surface-coated to prevent deterioration.

Applicability of provisions; compliance: In order to protect the health, safety and welfare of the citizens of the village, these provisions shall apply to any skateboard ramp constructed, erected, placed or maintained on or after the effective date of this section and shall apply to any skateboard ramp in existence as of the effective date of this section although it may have been erected, placed or maintained prior to the effective date of this section. In the case of existing skateboard ramps, the owner or property owner upon which the ramp is located shall have a period of 30 days from the effective date of this section to either remove the ramp or bring it into compliance with the revisions of this section.

Sec. 18-5. - Variations.

Any person who desires to contest a decision of the code official on any interpretation of this Code as to the manner of construction or materials to be used in the erection, alteration or repair of a building or structure may seek a variation from the President and Board of Trustees of the Village of Hanover Park.

Sec. 18-6. - Lawn Irrigation Systems in the Village right-of-way.

A property owner who installs a lawn irrigation system in the village right-of-way shall:

- a. Obtain and comply with the conditions of a building permit for that installation.
- b. Not place or operate sprinkler heads to create a hazard or nuisance.
- c. Not use the lawn irrigation system when the temperature in the next 24 hours is to fall below 40 degrees Fahrenheit.

- d. Relocate or remove the lawn irrigation system from the right-of-way in the event said relocation or removal is required by the Village or other utility company authorized to use the village right-of-way.
- e. Defend, indemnify, and hold harmless the village, its officials, and employees from and against any and all claims and liability for all loss, damage, or injury arising directly or indirectly from the lawn irrigation system or to the system that is permitted in the village right-of-way.

Sec. 18-7. - Elevator Regulations adopted.

The current following regulations published in pamphlet form are hereby adopted as the regulations governing the construction, alteration, replacement, repair, maintenance, use, and inspections of elevators:

1. American Society of Mechanical Engineers (ASME): Safety Code for Elevators and Escalators (ASME A17.1), A17.1 (a) and A17.1(s);
2. Guide for Inspection of Elevators, Escalators, and Moving Walks (ASME17.2);
3. Safety Code for Existing Elevators and Escalators (ASME A17.3);
4. Safety Standard for Platform Lifts and Stairway Chairlifts (ASME A18.1);
5. Standard for the Qualifications of Elevator Inspectors (ASME QEI-1).
6. American National Standards: Safety Requirements for Personal Hoists and Employee Elevators (ANSI A10.4).
7. American Society of Civil Engineers (ASCE):
8. Automated People Mover Standards (ASCE 21).

Secs. 18-8. - 18-30. - Reserved.

ARTICLE II. - RESIDENTIAL CODE

Sec. 18-31. - Adopted.

The regulations of the 2012 Edition of the International Residential Code, as recommended and published by the International Code Council, Inc., published in pamphlet form, are adopted as the Residential Code of the Village of Hanover Park governing the construction, alteration, movement, enlargement, replacement, repair, equipment, location, removal, and demolition of detached one- and two-family dwellings and attached single-family dwellings and accessory structures there with such amendments as are hereafter set forth in this article.

Sec. 18-32. - Amendments.

- a. Section R101.1 is amended to read as follows:
 These provisions shall be known as the Residential Code for One- and Two-Family Dwellings of the Village of Hanover Park, and shall be cited as such and will be referred to herein as "this code".
- b. Section R105.2. is deleted.
- c. Section R106.1 is amended by adding:
 Plans for new construction, alterations, or modifications in excess of \$10,000 in value to a building or structure are required to be signed, sealed, and dated by an Illinois licensed design professional. Construction documents, special inspections, and structural observation programs and other data shall be submitted in three sets with each application for permits.
- d. Section R106.6 is added to read as follows:
 A copy of approved plans shall be kept on the site of the building or work at the time of inspection.
- e. Section R112.1 is amended by deleting:
 “The board of appeals shall be appointed by the governing body and shall hold office at its pleasure,” and inserting “The Village Board shall be the Board of Appeals.”
- f. Section R112.3 is deleted.
- g. Section R202 is amended by adding to the list of definitions the following:
 Owner-occupant is a person who has owned and occupied a dwelling for a period of 6 (six) months prior to permit issuance.
- h. Table R301.2(1) is amended to reads as follows:

Ground Snow Load	25
Wind Speed	3 second 90 normal 75
Seismic Design Category	A
Weathering	Severe
Frost line depth	42 inches
Termite	Moderate to heavy
Decay	Slight to moderate
Winter Design Temperature	-4 degrees
Ice Shield Underlayment	Yes
Flood Hazard	Not Applicable
Air Freezing Index	2000
Mean Annual Temperature	50 degrees

- i. Section R.302.6 is amended by adding:
Garage separation: The garage shall be separated from the residence and its attic by not less than 5/8-inch type X gypsum board applied to the garage side. Garages under habitable rooms shall be separated by one-hour fire-rated construction. This rating includes the ceiling walls, beams, and columns.
- j. Section R302.7 is amended to read:
5/8 inch type X gypsum board instead of 1/2 inch.
- k. Section R303.3 is amended by adding:
Bathrooms must have mechanical ventilation exhausted to the exterior using wall louvers or roof caps. Separate compartments in a bathroom or similar room must be vented separately.
- l. Section R311.7.11 is added to read:
Outside entrance: An outside entrance cannot be the entrance to a basement or story above the grade level story without an interior stairway.
- m. Section R314 is amended to adding at its beginning:
Compliance with this section of the code shall be required for existing structures whenever a permit is issued for interior remodeling, interior electrical work or whenever a dwelling unit has been vacant for over 120 days.
- n. Section R315, Carbon Monoxide Alarms: Compliance with this section of the code shall be required for existing structures whenever a permit is issued for interior remodeling, interior electrical work or whenever a dwelling unit has been vacant for over 120 days.
- o. Section R402.1 is amended to read as follows:
Wood foundations or footings are not allowed in the Village of Hanover Park. This also eliminates all other sections, subsections, tables, or charts which reference the use of wood footings or foundations.
- p. Sections R402.1.1 and R402.1.2 are deleted.
- q. Section R-602.3.2. "Exception" is amended by adding at the beginning following:
"Except as to Bearing Walls,"
- r. Section R801.4 is added to read as follows:
Discharge Pipe: Where roof drainage is installed, the discharge pipe or elbow shall not be directed unreasonably towards adjoining private property.
- s. Chapter 11 is deleted.
Refer to the current edition of the International Energy Conservation Code adopted by the State of Illinois.
- t. Section M1503.1. is amended by deleting the exception and adding:
Range hoods are required for all kitchens and are required to be located above the range.
- u. Section M1601.1.1. is amended by adding to 7. the following:
7.6 No other system including but not limited to communication, electric, gas, or plumbing may be located in the mechanical ducts.
- v. Section M1602.1.1 is added to read as follows:

Separate return air ducts shall be provided for all habitable spaces and each room excluding bathrooms and kitchens.

w. Section M1701.3 is added to read as follows:

Combustion air shall be provided by means of a mechanical opening to the exterior or a structural opening(s) if supplied from air inside the building. Openings must be located within 12" (twelve) inches of the ceiling and floor of the enclosure. Louvered doors are prohibited for the purpose of providing combustion air.

x. Chapters 25, 26, 27, 28, 29, 30, 31, and 32 are deleted.

y. Section E3601.8 is added as follows:

Meter sockets with disconnect breakers are allowed.

z. Section E3605.5 is amended as follows:

Protection of all other service cables. No EMT or PVC for any above ground service entrance is allowed. No service entrance cable is allowed. Overhead service shall be in rigid metallic conduit or intermediate metal conduit.

aa. Section E3607.7 is added as follows:

Grounding bushing: Grounding bushings are required on all concentric and eccentric knockouts used in the meter socket and breaker panel, with a bonding jumper sized appropriately. Service entrance connectors: The use of no-thread connectors on the line side of the service or main breaker is not allowed.

bb. Section E3703.7 is added to read as follows:

Dedicated circuits: All dedicated circuits shall be wired to a single duplex receptacle outlet, for appliances and single receptacle outlets for sump pump or ejector pump unless protected by a GFI outlet or breaker.

cc. Section E3705.1 is amended by adding:

The use of aluminum wire or copper clad aluminum wire for a conductor is not allowed except by Commonwealth Edison.

dd. Section E3803.12 is added to read as follows:

Prohibited materials: The use of plastic pipe and electric boxes is not allowed above grade. Plastic pipe, which is listed for below grade, can be used. It shall have a ground conductor installed, and it shall transition to a rigid metal pipe before the elbow, which turns up. The use of PVC pipe shall only be used in corrosive environments when approved by the code official.

ee. Section E3904.8 is added to read as follows:

All wiring shall be installed in conduit (EMT, IMC conduit or rigid pipe). The use of plastic pipe or other nonmetallic wiring systems is not allowed except when buried 18 inches or greater or as otherwise approved by the code official.

ff. Section E3905.6.2 is amended by adding to include:

All ceiling boxes to be fan rated except hallways and closets or when otherwise approved by the code official. See section E3905.8.

gg. The following referenced standard is deleted:

ICC Electric Code. Use the current adopted version of the NEC.

hh. The following appendices are adopted:

A, B, C, D, E, F, G, H, J, K, M, O, and Q.

ii. The following appendices are not adopted:

(I) private sewage disposal, (L) permit fees, (N) venting methods, (P) sizing of water piping system,

Sec. 18-33. - Additional regulations.

- a. The Municipal Code of Hanover Park, Section 38-114 Sidewalks is amended by adding:
When existing driveways are resurfaced, reconstructed or widened the adjacent sidewalk in the right-of-way shall not be required to be replaced to comply with this section.
- b. The Municipal Code of Hanover Park, Section 38-108 Driveways is amended by adding:
(e) Nonconforming off-street parking facilities: It shall be unlawful for the owner of a dwelling which has legal nonconforming off-street parking facilities including driveways, parking spaces or aprons, to not bring the off-street parking facilities into full compliance with section 38-108 of this Code whenever the parking facilities are replaced or resurfaced.

ARTICLE III. - MECHANICAL CODE

Sec. 18-61. - Adopted.

The International Mechanical Code, 2012 edition, as published by the International Code Council, be and is hereby adopted as the Mechanical Code of the Village of Hanover Park, in the State of Illinois regulating the design, construction, alteration, movement, renovation, replacement, repair and maintenance as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all regulations, provisions, penalties, conditions and terms of said Mechanical Code on file are hereby referred to, adopted, and made a part thereof with the additions, insertions, deletions and changes, if any, prescribed in Section 2 of this ordinance.

Sec. 18-62. - Amendments.

- (a) Section 101.1 is amended to read as follows:
These regulations shall be known as the Mechanical Code of Hanover Park, hereinafter referred to as “this code”.
- (b) Section 106.5.2 is amended to read as follows:
The fees for mechanical work shall be as indicated in Hanover Park, Illinois, Code of Ordinances Chapter 18 Article VI.
- (c) Section 106.5.3 is amended to read as follows:

The code official may authorize the refunding of fees as allowed by ordinance.

- (d) Section 108.4 is amended to read as follows:

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, or repair mechanical work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code shall be subject to fines of not less than one hundred (\$100.00) dollars nor more one thousand (\$1,000.00) dollars, and each day a violation continues shall be considered a separate violation.

- (e) Section 108.5 is amended to read as follows:

Upon notice from the code official that mechanical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping work. Any person who shall continue any work on the system after having been served a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine of not less than one hundred (\$100.00) dollars or more than one thousand(\$1,000.00) dollar

- (f) Section 109.2 is amended to read as follows:

The Village Board shall serve as the Board of Appeals.

ARTICLE IV. - PROPERTY MAINTENANCE CODE

Sec. 18-91. - Adopted.

The International Property Maintenance Code, 2012 edition, as published by the International Code Council, published in pamphlet form, is hereby adopted as the Property Maintenance Code of the Village of Hanover Park with such amendments as are set forth in this Article.

Sec. 18-92. - Amendments.

- (a) Section 101.1 is amended to read as follows:

Title. These regulations shall be known as the "Property Maintenance Code of the Village of Hanover Park," hereinafter referred to as "this code."

- (b) Section 103.5 is amended to read as follows:

Fees. The fees for activities and services performed by the department in carrying out its responsibilities under this Code shall be as established in other sections of the Municipal Code of Hanover Park.

(c) Section 106.4 is amended by adding the following:

Any person, firm, or corporation, who shall violate any provision of this Code shall, upon conviction thereof be subject to a fine of not less than one hundred (\$100.00) dollars nor more than one thousand (\$1,000.00) dollars.

(d) Section 106.4 is amended as the following:

Alternative Penalty.

Any person pursuant to the issuance of a compliance ticket which is accused of a violation of any section of this Code may settle and compromise that ticket by paying to the village a fee of \$30.00 within ten days from the date such alleged violation was committed or by paying to the village the sum of \$50.00 subsequent to said ten-day period prior to such person being issued a notice to appear or complaint.

The issuance of a compliance ticket shall be as a courtesy in lieu of instituting a prosecution for the alleged offense. If the person accused of the violation does not settle the claim a notice to appear or complaint will be issued for that violation and that person shall be subject to the general penalties set forth in this section 18-92(c).

Penalty.

Any person, firm or corporation who shall violate any provision of this Code shall, upon conviction thereof, be subject to a fine of not less than \$75 dollars nor more than \$1,000 dollars.

(e) Section 107.2(5) is deleted.

(f) Section 109.6 is amended to read as follows:

Hearing. Any person ordered to take emergency measures shall comply with such order forthwith.

(g) Section 111 is repealed and deleted from this code.

(h) Section 302.4 is amended to read as follows:

Weeds. All premises and exterior property shall be maintained free from weeds or plant growth in excess of eight (8) inches. All noxious weeds shall be prohibited. Weeds shall be defined as all grasses, annual plants and vegetation, other than trees or shrubs provided; however, this term shall not include cultivated flowers and gardens.

(i) Section 302.8 is amended by adding the following:

An inoperable motor vehicle, not in a garage, may be parked, kept, or stored if enclosed in a commercially-manufactured, opaque and form-fitting vehicle cover which covers the locations of the licenses. No more than one covered motor vehicle shall be lawfully parked on the property of each dwelling unit.

(j) Section 302.8.1 is added to read as follows:

Parking. It shall be unlawful for the owner of property to allow parking of a motor vehicle upon any unimproved surface. As used in this section, the term "unimproved surface"

includes, but is not limited to, grass and dirt surfaces or any other surface not in compliance with the pavement design standards in the Engineering Standards and Specifications in Chapter 38 of the Code of Ordinances of the Village of Hanover Park.

(k) Section 302.8.2 is added to read as follows:

Vehicle Parts and Snow Plows. It shall be unlawful for any person in a residence district to allow vehicle parts or accessories, whether covered or uncovered, to be located or stored on the front, side or corner side yard and that buildable area between the dwelling and those yards or upon any off-street parking facility. This prohibition shall not apply to detached snow plows located on the driveway between November 1, and April 30 of the next year.

(l) Section 302.9 is amended by adding the following:

A. It shall be unlawful for the owner of any property to not remove or paint over any prohibited sign painted directly on an exterior wall of a building or on any structure upon that property. A prohibited sign includes but is not limited to any permanent display of any letter, numeral, figure, emblem, insignia, picture, outline, character, spectacle, delineation, announcement or any combination thereof which are painted of a color different from the color of the exterior of the structure on which it is painted and which are visible beyond the boundaries of the property. A painted area on the side of a structure used to cover a prohibited sign which is a different color or surface material than the remaining exterior surface of that side of the structure is unlawful.

B. When the owner of the property refuses or neglects to remove from the exterior of structures upon the owner's property any permanent display of a prohibited sign in compliance with the regulations of this code, the village may take the following enforcement actions.

C. The village shall send notice by certified mail return receipt requested to the owner of the property if on file with the village clerk and the person in whose name the general taxes for the last proceeding year were paid or by regular mail to each business licensed by the village clerk on that property of the violation of this section and for its abatement within seven days from the postmark of said notice.

D. If the owner does not abate the violation during the notice period, the village manager or his designee may proceed to abate such violation keeping an accounting of the expenses of the abatement which shall include an administrative fee of the greater of \$25.00 or ten percent of the cost of abatement. All expenses, including interest at the rate of ten percent per year, shall be charged to and paid by such owner.

E. The expenses for abatement shall become a lien upon the property affected superior to all subsequent liens and encumbrances except tax liens, if the village files notice of lien in the office of the recorder in the county in which such real estate is located. The notice shall consist of a sworn statement setting out a description of the real estate, the amount of money representing the expenses incurred or payable for the service and the date or

dates when such costs and expense was incurred by the village. However, the lien shall not be valid as to any purchaser whose rights in and to such real estate have arisen subsequent to the abatement and prior to the filing of such notice, and the lien shall not be valid as to any mortgagee, judgment creditor or other lien or whose rights in and to such real estate arose prior to the filing of such notice.

F. Upon payment of the expenses by the owner of or persons interested in such property after notice of lien has been filed, the lien shall be released by the village and the release may be filed of record as in the case of filing notice of lien. The lien may be enforced at any time by a proceeding to foreclose as in the case of mortgages or mechanics liens.

(m) Section 302.10 is added to read as follows:

Landscaping.

A. Duty to prune. Trees, bushes or other shrubbery on private property adjacent to a street right-of-way shall be pruned in such a manner that it will not obstruct or shade the street lights, obstruct the passage of pedestrians on sidewalks or vehicles in the street, obstruct the ability to see traffic signs, obstruct the view of any intersection or create a public safety hazard.

B. Turf maintenance. Areas where grass turf has been established shall be maintained without bare areas of soil or ruts caused by pedestrian or vehicle use.

(n) Section 302.11 is added to read as follows:

Trees on commercial properties. Trees on commercial properties are the responsibility of the property owner and shall be maintained in a healthy condition. Trees on commercial properties are subject to all zoning regulations and any applicable development agreements with the Village of Hanover Park. Trees on commercial properties within the Village of Hanover Park shall also be subject to the following:

302.11.1 Certain dead trees declared a nuisance. All species and varieties of trees that are dead or substantially dead, and all deadwood to which the bark is still attached are hereby declared to be public nuisance.

Disposition of trees.

(A) It shall be unlawful for any owner of any commercial lot or commercial parcel of land in the village to permit or maintain on any such lot or parcel of land, any dead or substantially dead tree or dead wood which, pursuant to this subchapter, is a public nuisance, and it shall be the duty of any such owner to remove promptly and dispose of any such dead tree or deadwood under the supervision and direction of the Village Arborist or his/her duly authorized representative.

(B) It shall be unlawful for any owner of any commercial lot or commercial parcel of land in the village to maintain on any such lot or parcel of land any tree that manifests an infestation of a destructive pest.

302.11.3 Right to enter premises and inspect trees.

In order to carry out the purposes of this subchapter and to implement the enforcement thereof, the Village Arborist, or his/her duly authorized representative, is hereby authorized and empowered to enter upon any lot or parcel of land in the village at reasonable hours for the purpose of inspecting any tree or deadwood situated thereon and the Village Arborist, or his/her duly authorized representative, may remove such specimens from such tree for the purpose of laboratory or other analysis to determine whether such tree is infested, dead or substantially dead. It shall be unlawful for any person to take action to prevent the Village Arborist, or his/her duly authorized representative, from entering on any lot or parcel of land in the village for the purpose of such inspection, or to interfere with the Village Arborist, or such representative, in the performance of any of his/her duties provided for under the provisions of this subchapter.

302.11.4 Notice to owner of dead, or substantially dead, tree to comply with ordinance; failure to comply.

(A) If a laboratory or other analysis of specimens removed from any tree by the Village Arborist, or his/her duly authorized representative, determines that such tree is a public nuisance pursuant to this subchapter, or if the Village Arborist determines that any dead or substantially dead tree, or dead wood, is a public nuisance as provided in this subchapter, the Village Arborist shall serve or cause to be served upon the person that is owner of the lot or parcel of land on which such tree or deadwood is located, a written notice requiring such owner to comply with the provisions of this subchapter.

(B) If the person upon whom such notice is served fails, neglects or refuses to remove such tree or deadwood within thirty (30) calendar days or within any additional reasonable time as permitted in writing by the Village Arborist, or his/her duly authorized representative, after service of such notice, the Village Arborist, or his/her duly authorized representative, may proceed to remove and destroy such tree, or deadwood and assess the cost thereof against the owner of such parcel of land and the amount of such cost shall be paid by such owner to the village.

302.11.5 Service of notice. Service of the notice provided for in the preceding section shall be by personal service, if the owner of the lot or parcel of land on which dead or substantially dead tree, as aforesaid, is located is a resident of the village. If such owner cannot be found in the village, or is a nonresident of the village, written notice shall be served by certified mail, addressed to the owner at his last known address, and by posting of the violation on the premises.

(p) Section 302.12 is added to read as follows:

Outside storage during garage sales.

It shall be unlawful for any person in conducting a garage or other occasional sale on premises zoned or used for residential purposes to display:

(1) Or store any goods or merchandise outside the dwelling in the front, side, or corner side yard between the hours of 8:00 p.m. to 7:00 a.m.

(2) Any goods or merchandise on any public sidewalk or right-of-way.

(q) Section 304.3.1 is added as follows:

Street numbers. Each commercial building and industrial building that has two or more businesses in that building with separate street addresses and each rental residential building with more than three rental residential units, shall display on the outside of each entrance door, excluding doors on the front of the building on which the address is displayed and truck loading dock doors, that businesses or units street number.

(r) Section 304.10.1 is added to read as follows:

Balconies. It shall be unlawful for the owner, lessee, and/or occupant of any premises to permit or use any exterior balcony for the placement or storage of any items except furniture made specifically for outdoor use, decorative plants (whether real or artificial), and no more than two grills, provided any of the foregoing are not otherwise prohibited elsewhere in the ordinances, codes, or regulations of the village. Further, clothing, laundry, or textiles (except a textile designed for outdoor use as an original part of the outdoor furniture) are prohibited on any exterior balcony. Additionally, no items at any time are permitted to hang over the floor or railing of the balcony or any appurtenant structure or attachment to the balcony with the exception of holiday lights in compliance with the existing village ordinance. There shall be a rebuttable presumption that the owner of the real estate shall be liable under this provision.

(s) Section 304.14 is amended to read as follows:

Insect screens. Every door, window and other outside opening required for ventilation of habitable rooms, food preparation areas, food service areas or any areas where products to be included or utilized in food for human consumption are processed, manufactured, packaged or stored, shall be supplied with approved tightly-fitting screens of not less than 16 mesh per inch (16 mesh per 25 mm) and every swinging door shall have a self-closing device in good working condition. Exception: Screen doors shall not be required where other approved means, such as air curtains or insect repellent fans, are employed.

(t) Section 308.3.2.1. - 308.3.2.4. are added to read as follows:

308.3.2.1 Where required. Additional non-dumpster container(s) may be required by the code official for public use to prevent littering or disposal of trash in parking lots, roadways or other publicly-accessible areas on commercial properties.

308.3.2.2 Container type. Non-dumpster commercial garbage/refuse containers shall be decorative and made of durable, easily cleaned, insect and rodent-proof material that does not leak nor absorb liquids. The container shall have a cover to prevent garbage/refuse from blowing or falling out of the receptacle. Plastic bags or high wet strength paper bags shall be used to line the container.

308.3.2.3 Location. Non-dumpster commercial garbage/refuse containers shall be placed in a location approved by the code official that does not obstruct accessibility, inhibit paths of egress leading from the building and shall not create a traffic hazard or other public safety concern.

308.3.2.4 Responsibility. Non-dumpster commercial Garbage/refuse containers shall be the responsibility of the property owner or property managing agent. The owner or managing agent is responsible for emptying waste from the container as frequently as necessary, but not less than once per week, to prevent a public hazard or health issue. The owner or managing agent is responsible for the container(s) and their replacement when damaged.

(u) Section 507.2 is added as follows:

Sump pump discharge. The point of discharge of any new or existing sump pump shall not be less than five feet from any lot line.

(v) Section 602.3 is amended to read as follows:

Heat supply. Every owner and operator of any building who rents, leases or lets one or more dwelling unit, rooming unit, dormitory or guestroom on terms, either expressed or implied, to furnish heat to the occupants thereof shall supply heat to maintain a temperature of not less than 68°F (20°C) in all habitable rooms, bathrooms, and toilet rooms.

Exception:

(1) When the outdoor temperature is below the winter outdoor design temperature for the locality, maintenance of the minimum room temperature shall not be required provided that the heating system is operating at its full design capacity. The winter outdoor design temperature for the locality shall be as indicated in Appendix D of the plumbing code.

(2) Where the average monthly temperature is above 30°F (-1°C) a minimum temperature of 65°F (18°C) shall be maintained.

(w) Section 602.4 is amended to read as follows:

Occupiable work spaces. Indoor occupiable work spaces shall be supplied with heat during the period from October 1 to April 1 to maintain a temperature of not less than 65°F. (18°C.) during the period the spaces are occupied.

Exceptions:

(1) Processing, storage and operation areas that require cooling or special temperature conditions.

(2) Areas in which persons are primarily engaged in vigorous physical activities.

(x) Section 605.2.1 is added to read as follows:

Receptacles - Rental residential dwellings. Every *habitable space* in a rental residential dwelling shall contain at least two separate and remote receptacle outlets. Every *laundry area* shall contain at least one grounded-type receptacle or a GFCI (ground fault circuit interrupter) protected outlet when located within six feet of a water source. Every *bathroom*

shall contain at least one receptacle equipped with a ground fault circuit interrupter and all bathroom receptacles must be GFCI protected outlets when located within six feet of a water source. *Kitchen* counter top receptacles must be GFCI protected outlets and all kitchen receptacles must be GFCI protected outlets when located within six feet of a water source. All receptacle outlets shall have the appropriate faceplate cover for the location. Property owners will have one year from the date of passage of this ordinance as determined in Section 5 below to be in compliance.

(y) Section 705 is added as follows:

Carbon Monoxide Detectors.

Definitions.

- (a) Approved carbon monoxide alarm or alarm means a carbon monoxide alarm that complies with all the requirements of the rules and regulations of the Illinois State Fire Marshal, bears the label of a nationally-recognized testing laboratory, and complies with the most recent standards of the Underwriters Laboratories or the Canadian Standard Association.
- (b) Dwelling unit means a room or suite of rooms used for human habitation, and includes a single-family residence as well as each living unit of a multiple-family residence and each living unit in a mixed-use building.

Requirements.

- (a) Every dwelling unit shall be equipped with at least one approved carbon monoxide alarm in an operating condition within 15 feet of every room used for sleeping purposes. The carbon monoxide alarm may be combined with smoke-detecting devices provided that the combined unit complies with the respective provisions of this Code, reference standards, and village rules relating to both smoke-detecting devices and carbon monoxide alarms and provided that the combined unit emits an alarm in a manner that clearly differentiates the hazard.
- (b) Every structure that contains more than one dwelling unit shall contain at least one approved carbon monoxide alarm in operating condition within 15 feet of every room used for sleeping purposes.
- (c) It is the responsibility of the owner of a structure to supply and install all required alarms. It is the responsibility of a tenant to test and to provide general maintenance for the alarms within the tenant's dwelling unit or rooming unit, and to notify the owner or the authorized agent of the owner in writing of any deficiencies that the tenant cannot correct. The owner is responsible for providing one tenant per dwelling unit with written information regarding alarm testing and maintenance.

The tenant is responsible for replacement of any required batteries in the carbon monoxide alarms in the tenant's dwelling unit; except that the owner shall ensure that the batteries are in operating condition at the time the tenant takes possession of the dwelling

unit. The tenant shall provide the owner or the authorized agent of the owner with access to the dwelling unit to correct any deficiencies in the carbon monoxide alarm that have been reported in writing to the owner or the authorized agent of the owner.

- (d) The carbon monoxide alarms required under this Act may be either battery powered, plug-in with battery back-up, or wired into the structure's AC power line with secondary battery back-up.

Violation.

(a) It shall be unlawful to willfully fail to install or maintain in operating condition any carbon monoxide alarm required by this Act.

(b) It shall be unlawful to tamper with, remove, destroy, disconnect, or remove the batteries from any installed carbon monoxide alarm, except in the course of inspection, maintenance, or replacement of the alarm.

Exemptions. The following residential units shall not require carbon monoxide detectors:

(a) A residential unit in a building that: (i) does not rely on combustion of fossil fuel for heat, ventilation, or hot water; (ii) is not connected in any way to a garage; and (iii) is not sufficiently close to any ventilated source of carbon monoxide, as determined by the local code official, to receive carbon monoxide from that source.

(b) A residential unit that is not sufficiently close to any source of carbon monoxide so as to be at risk of receiving carbon monoxide from that source, as determined by the local code official.

ARTICLE V. - ACCESSIBILITY CODE

Sec. 18-121. - Adopted.

The International Accessibility Code, 2012 edition, as published by the International Code Council, and the Illinois Accessibility Code, both published in pamphlet form, are hereby adopted as the Accessibility Codes of the Village of Hanover Park.

Sec. 18-122. - Conflicts.

The International Accessibility Code shall be applied by the building official when requirements addressed in that code are not covered by the State of Illinois Accessibility Code. The State of Illinois Accessibility Code shall take precedence whenever there is a conflict between the two codes.

ARTICLE VII. - FUEL GAS CODE

Sec. 18-170. - Adopted.

The International Fuel Gas, 2012 edition, as published by the International Code Council, published in pamphlet form, be and is hereby adopted as the Fuel Gas Code of the Village of Hanover Park, providing for fuel gas systems and gas fired appliances. Conditions and terms of said Fuel Gas Code on file are hereby referred to with such amendments as are set forth in this Article.

Sec. 18-171. - Amendments.

(a) Section 101.1 is amended to read as follows:

These regulations shall be known as the Fuel Gas Code of the Village of Hanover Park, hereinafter referred to as “this code”.

(b) Section 106.6.2 is amended to read as follows:

The fees for work shall be as indicated in Hanover Park, Illinois, Code of Ordinances Chapter 18 Article VI.

(c) Section 106.6.3 is amended to read as follows:

The code official may authorize the refunding of fees as allowed by ordinance.

(d) Section 108.4 is amended to read:

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, or repair mechanical work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code shall be subject to fines of not less than one hundred (\$100.00) dollars nor more than one thousand (\$1,000.00) dollars, and each day a violation continues shall be considered a separate violation.

(e) Section 108.5 is amended to read as follows:

Upon notice from the code official that mechanical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner’s agent, or to the person doing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping work. Any person who shall continue any work on the system after having been served a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine of not less than one hundred (\$100.00) dollars or more than one thousand (\$1,000.00) dollars.

Appendix A, B & C shall be included in the adoption of this International Fuel Gas Code 2012 edition.

SECTION 3: That Chapter 18 of the Municipal Code of the Village of Hanover Park, as amended, be amended, by adding thereto as a new Article VIII., Sections 18-180 and 18-181, and by adding thereto a new Article IX., Sections 18-190 and 18-191 as follows:

ARTICLE VIII. - ENERGY CONSERVATION CODE

Sec. 18-180. - Adopted.

The International Energy Conservation, 2012 edition, as published by the International Code Council, published in pamphlet form, be and is hereby adopted as the Energy Conservation Code of the Village of Hanover Park for regulating and governing energy efficient building envelopes and installation of energy efficient mechanical, lighting, and powers systems as herein provided with such amendments as are hereinafter set forth in this Article.

Sec. 18-181. - Amendments.

(a) Section C101.1 is amended to read as follows:

These regulations shall be known as the International Energy Conservation Code of Hanover Park, and shall be cited as such. It is referred to herein as “this code”.

(b) Section C108.4 is amended to read as follows:

Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than one hundred(\$100.00) dollars or more than one thousand (\$1,000.00) dollars.

(c) Section R101.1 is amended to read as follows:

These regulations shall be known as the International Energy Conservation Code of Hanover Park, and shall be cited as such. It is referred to herein as “this code”.

(d) Section R108.4 is amended to read as follows:

Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than one hundred(\$100.00) dollars or more than one thousand (\$1,000.00) dollars.

ARTICLE IX. - SWIMMING POOL AND SPA CODE

Sec. 18-190. - Adopted.

The International Swimming Pool and Spa Code, 2012 edition, as published by the International Code Council, published in pamphlet form, be and is hereby adopted as the Pool and Spa Code of the Village of Hanover Park regulating the design, construction, alteration, movement,

renovation, replacement, repair and maintenance of swimming pools, spas, hot tubs, aquatic facilities and related equipment with such amendments as hereinafter set forth in this Article.

Sec. 18-191. - Adopted.

(a) Section 101.1 is amended to read as follows:

Title. These regulations shall be known as the Swimming Pool and Spa Code of the Village of Hanover Park, hereafter referred to as “this code.”

(b) Section 105.6.2 is amended to reads as follows:

The fees for work shall be as indicated in Hanover Park, Illinois, Code of Ordinances Chapter 18 Article VI.

(c) Section 105.6.3 is amended to reads as follows:

The code official may authorize the refunding of fees as allowed by ordinance.

(d) Section 107.4 is amended to read:

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, or repair swimming pools, spas or related equipment in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code shall be subject to fines of not less than one hundred (\$100.00) dollars nor more than one thousand (\$1,000.00) dollars, and each day a violation continues shall be considered a separate violation.

(e) Section 107.5 is amended to read as follows:

Upon notice from the code official that work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner’s agent, or to the person doing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping work. Any person who shall continue any work on the system after having been served a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine of not less than one hundred (\$100.00) dollars or more than one thousand (\$1,000.00) dollars.

(f) Section 320.1 is amended to read as follows:

It shall be unlawful for the owner or occupant of premises on which is located a pool which has dimensions greater than swimming pools described below to discharge the water from such pools in such a manner that the discharged water shall flow beyond the property line of the parcel on which such pool is located unless the water flows directly into a paved area directly draining into a storm water sewer.

This section shall apply to all pools which are larger than:

(1) A round pool having a depth greater than one foot and a diameter greater than six feet.

(2) An oblong or square pool which has a depth greater than one foot and a perimeter greater than 20 feet.

SECTION 4: That Sections 30-1 and 30-2 of Chapter 30 of the Municipal Code of the Village of Hanover Park, as amended, are amended to read as follows:

ARTICLE I. - ELECTRIC CODE

Sec. 30-1. - Adopted.

The regulations of the 2011 edition of the National Electrical Code, 2011 NEC, as recommended and published by the National Fire Protection Association, published in pamphlet form, are adopted as the regulations governing the installation, alteration, and use of electrical conductors, equipment, raceways, and systems in the village with such amendments as are hereafter set forth in Sec. 30-2 below.

Sec. 30-2. - Electrical code amendments.

(a) Section 90.4 is amended by adding:

Upon notice from the code official that electrical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the condition under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping work. Any person who shall continue any electrical work after having been served a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine of not less than one hundred (\$100.00) dollars or more than one thousand(\$1,000.00) dollars.

(b) Section 210.11 (A) is amended by adding:

Electrical service in the form of at least one duplex outlet and one overhead light must be provided to each garage at the time of construction. There shall be two circuits provided to each garage, one for lighting and one for power.

(c) *Section 220.14* is amended by adding the following:

(M) Dedicated circuits: All dedicated circuits shall be wired to a single receptacle outlet, i.e., microwave, sump, or ejector pump.

(d) *Section 230.11* is added to read as follows:

Service entrance conductor and cable: No EMT for any service entrance is allowed. No service entrance cable is allowed.

(e) *Section 230.12* is added to read as follows:

The minimum size conduit for 100 amp services is one and one-fourth inch.

(f) *Section 230.13* is added to read as follows:

Service entrance connectors: The use of no-thread connectors on the line side of the service or main breaker is not allowed.

(g) *Section 230.67* is added to read as follows:

Grounding bushing: Grounding bushings are required on all concentric and eccentric knockouts used in the meter socket and breaker panel, with a bonding jumper sized appropriately.

(h) *Section 310.2(B)* is amended to read as follows:

Conductors in this article shall be copper and not aluminum or copper-clad aluminum except when supplied by the utility company and when located on the utility side of the meter.

(i) *Section 314.20* is amended by adding the following:

All ceiling boxes to be fan rated except hallways and closets.

(j) *Articles 330 (Type MC), 332 (Type MI), and 334 (Type NM, NMC, NMS)* are deleted.

All wiring systems shall be installed in a metal raceway or conduit.

(k) *Section 352.12* is amended by adding the following:

(F) The use of plastic pipe and electric boxes is not allowed above grade. Plastic pipe which is listed for below grade can be used. It shall have a ground conductor installed, and it shall transition to a metal pipe before the elbow, which turns up.

(l) *Section 680.40* is amended by adding the following:

Spa and tubs general: The equipment shall connect to the electric system with a single receptacle outlet with a GFCI-protected circuit breaker. The connection shall be accessible.

SECTION 5: That Sections 46-31 and 46-32 of Chapter 46 of the Municipal Code of the Village of Hanover Park, as amended, be and is hereby amended to read as follows:

ARTICLE II. - FIRE PREVENTION CODE

Sec. 46-31. - Adopted.

The regulations of the 2012 Edition of the International Fire code , as recommended and published by the International Code Council, Inc., published in pamphlet form, are adopted as

the Fire Code of the Village regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling , and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises with such amendments as are hereafter set forth in this Article.

Sec. 46-32. - Amendments.

(a) Section 101.1 is amended to read as follows:

Title. These regulations shall be known as the Fire Code of the Village of Hanover Park, hereafter referred to as “this code.”

(b) Section 105.4.2.1 is amended by adding the following:

Fire Protection System Shop Drawings. Shop drawings for the fire protection system(s) shall be submitted to indicate compliance with this code and the construction documents, and shall be approved prior to the start of installation. Shop drawings shall contain all information as required by the referenced installation standards in chapter 9. For each hydraulically calculated automatic fire sprinkler system area identified on submitted shop drawings provide a copy of the hydraulic nameplate.

(c) Section 109.4 is amended to read as follows:

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 fire code official, shall be punished by a fine of not less than \$100 nor more than \$1000. Each day that a violation continues after due notice has been served shall deem a separate violation.

(d) Section 111.4 is amended to read as follows:

Failure to comply; Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$100 or more than \$1,000.

(e) Section 202, the first sentence of definition of Fire Area, is amended as follows:

Fire Area. The aggregate floor area bounded by the exterior walls of a building, regardless of fire walls, fire barriers, or fire resistance-rated horizontal assemblies.

(f) Section 507.5.1 is amended to read as follows:

Where required. Where a portion of the facility or building hereafter constructed or moved into or within the Village is more than 300 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on site fire hydrants and mains shall be provided where required by the fire code official.

Exceptions:

1. For Group R-3 and Group U occupancies, the distance shall be 600 feet.
2. For buildings equipped throughout with an approved automatic fire sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, the distance shall be 600 feet.

(g) Section 507.5.1.1 is amended to read as follows:

Hydrant for sprinkler or standpipe systems; Buildings equipped with a sprinkler or standpipe system installed in accordance with Section 905 shall have a fire hydrant within 100 feet of the fire department connection.

(h) Section 901.4.1.1 is added as follows:

Fire sprinklers and fire detectors-ceilings; In buildings protected by automatic fire sprinklers or automatic fire detectors, suspended or removable ceiling tiles shall be maintained in place to prevent the delay in fire sprinkler or fire detector activation.

Exception: When additional fire sprinklers or fire detectors are installed in the space above the suspended ceiling.

(i) Section 903.2.1 is amended to read as follows:

All buildings of all use groups, other than one-and-two-family dwellings, greater than 2,500 square feet shall be protected with an approved automatic fire sprinkler system installed and maintained in accordance with NFPA 13. All spec warehouse buildings (Use Groups S and F) with a ceiling height 25 feet or greater shall be protected with an ESFR fire sprinkler system or hydraulically-calculated system for Class IV commodities with rack storage calculated to the greatest storage height. All automatic fire sprinkler systems shall be electronically supervised by an approved fire alarm system.

For one and two-family dwellings refer to the Residential Code.

(j) Section 903.2.1 through 903.2.10 is deleted.

(k) Section 903.3.5 is amended by adding the following:

Water supplies. Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and The International Plumbing Code. Hydrant flow data used for the design of any automatic fire sprinkler system shall be no more than one year old.

(l) Section 903.3.8 is added to read as follows:

A minimum safety factor of 10% or 5 psi shall be provided in any automatic fire sprinkler system hydraulic calculation. The system demand shall be a minimum of 5 psi below the seasonal low water flow test supply.

(m) Section 903.4 is amended to read as follows:

Sprinkler system supervision and alarms; All valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures, and water-flow switches on all sprinkler systems shall be electrically supervised by a fire alarm system.

Exceptions:

1. Automatic sprinkler systems protecting one-and-two-family dwellings;
2. Limited area systems serving fewer than 20 sprinklers;
3. Automatic sprinkler systems installed in accordance with NFPA 13R where common supply main is used to supply both domestic water and the automatic sprinkler system, and a separate shutoff valve for the automatic sprinkler system is not provided;
4. Jockey pump control valves that are sealed or locked in the open position;
5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position;
6. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position;
7. Trim valves to pressure switches in dry, pre-action and deluge sprinkler systems that are sealed or locked in the open position.

(n) Section 90.3.4.1 is amended to read as follows:

Alarm, supervisory, and trouble signals shall be distinctly different and automatically transmitted to the Fire Department's communication center. All new required alarm systems shall, transmit trouble, supervisory, and fire signals directly to the Fire Department's communication center via a wireless transmitter in accordance with NFPA 72. Only equipment certified and approved by the remote receiving station, and/or its designated proprietor may be installed. The designated proprietary agent shall be the only authorized installer of the approved radio transmitter. Existing systems shall be changed to wireless upon alarm owner's request, when the existing equipment is updated or where a disconnection of the telephone lines has occurred for a period of more than thirty days.

Exception: Supervisory service is not required for:

1. Single-and-multiple-station smoke alarms required by Section 907.2.10;
Smoke detectors in Group I-3 occupancies;
3. Automatic sprinkler systems in one-and-two-family dwellings.

(o) Section 903.4.2 is amended to read as follows:

Approved audible and visual appliances shall be connected to each automatic fire sprinkler system in accordance with Sections 903.4.2.1 and 903.4.2.2. Sprinkler system water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system.

(p) Section 903.4.2.1 is added to read as follows:

Exterior appliances; A clear 75 cd, weather-proof strobe light shall be provided above the fire department connection. The strobe light shall be supervised by the fire alarm system and shall only operate upon the water flow activation.

(q) Section 903.4.2.1. is added to read as follows:

Audible appliances; A 10-inch 120v DC alarm bell shall be provided above the fire department connection.

(r) Section 903.4.2.2 is added to read as follows:

Interior appliances; Interior audible and visible alarms supervised by a fire alarm system shall be provided in accordance with Section 907.5.1 through 907.5.2.3.4. Audible and visible alarm indicating devices shall be seen and heard in all areas of the building.

(s) Section 903.4.2.3 is added to read as follows:

Automatic fire sprinkler system inspector test valves shall be accessible at all times and located no more than six feet above the finished floor. On multiple riser systems the test valves shall be marked to indicate which riser and area it tests.

(t) Section 903.4.3 is amended to read as follows:

Floor control valves; Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor in high-rise buildings. Indicating control valves and water flow switches shall be provided at the point of connection to the riser on each floor in multiple story occupancies.

(u) Section 903.4.4 is added to read as follows:

Zoned areas. When single zone of an automatic fire sprinkler system protects more than a single room or area, the fire code official may require additional smoke detectors in order to more rapidly identify the location of the smoke or fire.

(v) Section 903.7 is added to read as follows:

Hydraulic design; A copy of the hydraulic nameplate shall be provided on each drawing for all hydraulically-calculated areas.

(w) Section 903.8 is added to read as follows:

Fire Pump Room. All automatic fire sprinkler system pump rooms shall be provided a one-hour separation. An outside access door shall be provided for all automatic fire sprinkler system pump rooms. The door shall be labeled "Fire Sprinkler Pump Room" in minimum 4 inch contrasting letters.

(x) Section 905.3.9 is added to read as follows:

In all warehouse storage areas exceeding 30,000 square feet, and where storage exceeds 12 feet high, provide inside 2 ½ inch fire hose valves with 1 ½ inch reducer to a 1 ½ inch connection. Locate the valves at each door entrance to the warehouse and/or storage area. Provide additional 2 ½ inch fire hose valves so that no portion of the warehouse and/or storage area is more than 120 feet maximum travel distance to a fire hose valve. Show the location of all obstructions and/ or racks on the drawing.

The fire hose valves system piping shall be:

- a. A separate riser piping system.
- b. The 2 ½ inch valves shall be supplied by a minimum of 4 inch piping with 2 ½ inch drops to each valve.
- c. Where system pressures exceed 100 psi provide Potter reducing pressure field adjustable type valves.

(y) Section 907.1.4 is added to read as follows:

All fire alarms shall be of the addressable type and shall be installed in accordance with NFPA 72. Sections 907.1.4 and 907.1.5, as amended, in Section 18-1-9 of Chapter 18 of the Municipal Code of the Village of Hanover Park, as amended, shall also be adhered to and made part of this Fire Code.

(z) Section 907.2.24 is added to read as follows:

Where required – new buildings and structures. A fire alarm system utilizing automatic fire detectors and manual fire alarm devices shall be provided throughout all buildings not provided with an automatic sprinkler system complying with NFPA 13 or NFPA 13R.

The exceptions in the following sections are deleted: 907.2.1, 907.2.2, 907.2.3(3), 907.2.4, 907.2.7(1), 907.2.8.1(2), 907.2.9.1(2), 907.2.10.1(2).

(aa) Section 907.4.2.5 is amended to read as follows:

Protective Covers. Listed manual fire alarm box protective covers shall be provided for all installed manual fire alarm boxes to prevent malicious false alarms or to provide the manual fire alarm box with protection from physical damage.

(bb) Section 907.5 is amended to read as follows:

Occupant notification systems. A fire alarm system shall annunciate at the fire alarm control unit and shall initiate occupant notification upon activation, in accordance with sections 907.5.1 through 907.5.2.3.4. The activation of any of the following devices shall result in occupant notification:

1. Automatic fire detectors.
2. Automatic fire sprinkler system water-flow devices.
3. Manual fire alarm boxes.
4. Automatic fire extinguishing systems when installed in buildings or structures that are provided with occupant notification.

(cc) Section 907.5.2.3.5 is added to read as follows:

Multi-tenant Group M. Single story, multi-tenant Group M buildings shall be “ring by tenant” when activated by the automatic fire detection system and shall include a weatherproof, clear outside strobe over the entrance to each tenant space as directed by the fire code official. All outside strobes shall be 75 cd.

(dd) Section 912.1.1 is added to read as follows:

All fire department connections shall be a 4 inch Storz connection with a 30 degree down turn.

(ee) Section 913.4.2 is added to read as follows:

Fire sprinkler system – Fire Pump test header

a. Provide OS&Y control valve on all fire pump test headers.

b. Provide an outside test header on fire pump installations.

(ff) Section 1006.3 is amended to read as follows:

Emergency power for illumination; the power supply for means of egress illumination shall normally be provided by the premises’ electrical supply. In the event of power supply failure, an emergency electrical system shall automatically illuminate the following areas:

1. Aisles and unenclosed egress stairways in rooms and spaces that require two or more means of egress.
2. Corridors, interior exit stairways and ramps and exit passageways in buildings required to have two or more exits.
3. Exterior egress components at other than their levels of exit discharge until exit discharge is accomplished for buildings required to have two or more exits.
4. Interior exit discharge elements, as permitted in section 1027.1, in buildings required to have two or more exits.
5. Exterior landings, as required by Section 1008.1.6, for exit discharge doorways in buildings required to have two or more exits.
6. All rooms containing the building fire sprinkler riser(s), fire pump(s) and fire alarm control panel(s).

The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 604.

(gg) Section 5504.3.1.1.3 is amended to read as follows:

Location. Containers of cryogenic fluids shall not be located within diked areas containing other hazardous materials. Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited within all zoning classifications except by permit.

(hh) Section 5704.2.9.6.1 is amended to read as follows:

Locations where above-ground tanks are prohibited; Storage of Class I and Class II liquids in above-ground tanks outside of buildings is prohibited within all zoning classifications except by permit.

(ii) Section 6104.2 is amended to read as follows:

Maximum capacity within established limits. Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons (7,570 L.). Such storage is prohibited within all zoning classifications except by operational permit.

Exception: In particular installations, this capacity limit shall be determined by the Fire Code Official, after consideration of special features such as topographical conditions, nature of occupancy, and proximity to buildings, capacity of proposed containers, degree of fire protection to be provided and capabilities of the fire department.

SECTION 6: Any person, firm, or corporation violating any provision of this ordinance shall be fined not less than one hundred (\$100.00) dollars and not more than one thousand (\$1,000.00) dollars, each day a violation continues shall be considered a separate violation.

SECTION 7: This ordinance shall be in full force and effect from and after its passage, approval, and publication in the manner and form required by law.

SECTION 8: That the Village Clerk be and is hereby directed to publish this ordinance in pamphlet form.

ADOPTED this 5th day of February, 2015, pursuant to a roll call vote as follows:

AYES: Kemper, Kunkel, Cannon, Roberts, Zimel

NAYS: None

ABSENT: Konstanzer

ABSTENTION: None

Approved: _____
Rodney S. Craig
Village President

ATTESTED, filed in my office, and
published in pamphlet form this __6th__
day of February, 2015.

Eira Corral, Village Clerk