

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE I. GENERAL

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100.1-1. PERMITS AND FEES

A. It shall be unlawful to construct, enlarge, alter or demolish a structure, shed, deck or fence; change the occupancy of a building or structure requiring greater strength, exit way or sanitary provisions; to change to another use; install, erect, alter, repair, service, reset, or replace any building or structural equipment for which provision is made of the installation of which is regulated by this chapter; install, alter, extend, or modify electrical services or wiring, either low or high voltage; install, alter, extend or modify plumbing or plumbed fixtures; install alter, modify or replace building mechanical equipment; install a pool or spa; or to move or relocate a building or structure without first filing an application with the Village of Machesney Park in writing and obtaining a required permit; except that ordinary repair, as defined in Section 105 of the ICC International Building Code, Edition 2015, which do not involve any violation of said chapter shall be exempt from this provision.

B. All fees shall be established by Resolution of the Village Board, as adopted and adjusted from time to time. All permit fees shall be paid prior to the issuance of any permit required by this chapter.

C. Except as provided in subsection (D) of this section, when work is commenced or proceeded with prior to obtaining the required permits, the established fees shall be doubled. The payment of such doubled fee shall not relieve any person from fully complying with the requirements of this chapter nor from the penalties prescribed in this chapter.

D. In cases of an emergency, with verbal or written authorization from the Village, a contractor or owner may proceed with the work and file the application for a permit within 24 hours, Saturdays, Sundays and holidays excepted.

100.1-2. NOTICE OF VIOLATION.

A. *Posting; form of notice.* The Building Official or Code Enforcement Officer shall cause a notice of violation or order informing the person responsible for the erection, construction, alteration, extension, repair, equipping, removal, demolition, use, or occupancy of a building, structure, shed, fence, pool or other structural appurtenance in violation of the provisions of this chapter or in violation of a detailed statement or plan approved under this chapter or in violation of a permit or certificate issued pursuant thereto, to be posted in a conspicuous place near the main entrance of such building or structure. The text of the notice shall contain a reference to the provision of this chapter which has been violated; it shall direct the discontinuance of the illegal

action or condition and the abatement of the violation; and shall contain such other information respecting the nature of the violation deemed advisable by the Building Official.

B. *Stop work order notice.* Upon notice from the Village of Machesney Park, or by any designated Building Inspector, that unauthorized work on any building or structure is being procured contrary to the provisions of this code or is being conducted in an unsafe or dangerous manner, such work shall be immediately stopped. The Village of Machesney Park shall issue a stop work order in writing to the owner of the property involved, the owner's agent, or to the person doing the unauthorized or unsafe work.

C. *Removal.* Upon removal or abatement of the cause of the violation for which the notice is posted, the Building Official or Code Enforcement Officer shall remove the notice. Any other person removing or defacing such notice is guilty of a petty offense and shall be fined not to exceed \$500.00.

100.1-3. PROSECUTION OF VIOLATION.

A. If the notice of violation is not complied with promptly, the Community Development Department shall initiate the appropriate code enforcement procedure by law or in equity to restrain, correct, or abate such violation or to require the removal or termination of the unlawful use of the building or structure that is determined to be in violation.

100.1-4. PENALTIES FOR VIOLATION.

A. *Noncompliance.* It shall be unlawful for any person to erect, construct, enlarge, alter, repair, improve, remove, convert, demolish, equip, use, occupy, or maintain any building, structure, shed, deck or fence, or cause the same to be done contrary to or in violation of any provision of this chapter, any approved plan or directive of the building official, any permit or certificate issued under the provisions of this chapter or any stop work order, except such work as he is directed to perform to remove a violation or unsafe condition. Any person violating any of the provisions of this chapter shall be guilty of a petty offense, punishable by a fine, the amount of which is to be determined through the administrative enforcement process established by the Village. Each such person shall be deemed guilty of a separate offense for each and every day during which any violation is committed, continued, or permitted.

B. *Abatement.* The imposition of the penalties prescribed in this section shall not preclude the Village from instituting appropriate action to prevent unlawful construction or to restrain, correct, or abate a violation or to prevent illegal occupancy of a building, structure, or premises, or to stop an illegal act, conduct, business, or use of a building or structure in or about any premises.

100.1-5. SINGLE-FAMILY DWELLING INSPECTIONS: PURPOSE; FEES.

A. Any owner or other person having an interest in a single-family dwelling located in the incorporated areas of the Village may make application to the Community Development Department for an inspection thereof. Such inspection shall be for the purpose of determining whether the single-family dwelling is in compliance with applicable ordinances and resolutions regulating the construction and maintenance thereof.

B. Inspections permitted by this section shall be made by the building official or the Village's duly appointed representative upon receipt of an application and payment of a fee established by the Village Board for each single-family dwelling to be inspected.

100.1-6. BUILDING PERMITS FOR TELECOMMUNICATIONS FACILITIES.

The review of a building permit for a telecommunications facility or equipment shall comply with the requirements of Section 3108 of the 2015 International Building Code, as adopted, and the Village Zoning Ordinance as provided for in Appendix A of the Village Code. If Village Board action is required before a building permit may be issued, the review of the building permit shall take place simultaneously with the process leading to the Village Board decision.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE II - BUILDING CODE

100.2-1. ADOPTED.

100.2-2. AMENDMENTS.

100.2-1. ADOPTED.

The "*International Building Code, Edition 2015*", as published by the International Code Council, is hereby adopted by reference and set forth fully in this section as the Building Code of the Village of Machesney Park. A copy of the ICC International Building Code, Edition 2015 has been filed in the office of the Village Clerk for use and examination by the public.

100.2-2. AMENDMENTS.

The International Building Code 2015, as adopted by Section 100.2-1, is hereby amended as follows:

1) Section 101. 1 is amended as follows:

101. 1 Title. These regulations shall be known as the Building Code of the Village of Machesney Park, State of Illinois, hereinafter referred to as " this code".

2) Section 101. 4.4 is amended as follows:

101. 4.4 Plumbing. The provisions of the State of Illinois Plumbing Code shall govern erection, installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings, appurtenances, where connected to a water or sewage system, and all aspects of a medical gas system. Where there is a reference to the " International Plumbing Code", it shall mean " the State of Illinois Plumbing Code".

3) Section 104. 1. 1 is added as follows:

104. 1. 1 Fire Official approval. The Fire Officials for the Harlem Roscoe Fire Protection District or the North Park Fire Protection District covering the Village of Machesney Park shall have the authority to issue orders based on requirements of this code for matters pertaining to design, materials or equipment when related to fire protection.

4) Section 105.2 is amended as follows:

105.2 Work exempt from permit. Building:

1. One- story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11 m²), and is not supported by another structure.

2. through 5. remain unchanged. 6. Sidewalks, patios, and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or story below and are not part of an accessible route. 7. through 13. remain unchanged. 14. Replacement of doors and windows

provided the size is not changed and a fire rating is not required. 15. Repair or replacement of interior wall and ceiling coverings provided: a. not more than 50% of coverings in a room are removed, b. coverings are not part of a fire rated assembly, c. structural elements in a hazardous condition are not exposed.

5) Section 105. 7 is deleted and replaced as follows:

105.7 Placement of Permit. The permit holder shall post the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a re-inspection fee when the permit is not posted.

6) Section 106.3 is amended as follows:

106.3 Examination of documents. The building official shall examine or cause to be examined the accompanying construction documents and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code and other pertinent laws or ordinances. The Fire Protection District shall review all plans for issuance of building, fire suppression and fire alarm (electrical) permits, other than one and two family dwelling projects. The plans will be made available in the Building Department offices. If the plans do not conform to the requirements set forth by this code, they shall be rejected by the Fire Protection District pursuant to Section 106 of this code.

7) Section 108.4 is deleted and replaced as follows:

108.4 Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fees established in Section 108. 2 shall be doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees established in Section 108. 2 shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees established in Section 108. 2 shall be tripled and not less than \$ 750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the Village of Machesney Park Community Development Department as permitted by state law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

8) Section 108. 7 is added as follows:

108.7 Governmental exceptions: Permits are required for all governmental projects in accordance with Sections 106, 107 and 108 of this code. No permit fees or inspection charges shall be charged for construction projects directly contracted by the Village of Machesney Park, State of Illinois, Winnebago County, or the United States of America. All other units of government shall pay \$30.00 for each permit. Examples of these governmental units include the Rockford Park District, Rockford Mass Transit District, Rock River Water Reclamation District, North Park Water District, Winnebago County Forest Preserve District, North Suburban Library System,

Rockford Township, Harlem Township, North Park Fire Protection District, Harlem Roscoe Fire Protection District, and other similar governmental units.

9) Section 108. 8 is added as follows:

108.8 Re-inspection and testing. Where any work or installation does not pass an initial test or inspection, the necessary correction shall be made so as to achieve compliance with this code. The contractor shall then request that the work or installation be re-inspected or retested. The permit holder will be subject to a re- inspection fee according to Section 18- 28 of the Code of Ordinances of the Village of Machesney Park, for the first, and each additional, re-inspection or test performed.

10) Section 110.5 is added as follows:

110.5 New buildings. Before a certificate of occupancy is issued for new buildings, other than one- and two-family dwellings, the Fire Protection District may inspect the building in accordance with Section 109. 3 and notify the Building Department of the results of their inspection.

11) Section 115.4 is deleted and replaced as follows:

115.4 Method of service. Such notice shall be deemed to be properly serves if a copy thereof is:
1. Delivered to the owner personally; or 2. Sent by first class mail, postage prepaid, to the owner at the last known address; or 3. Sent by certified mail, postage prepaid addressed to the owner at the last known address with return receipt requested, if required by state law.

12) Section 901. 1. 1 is added as follows:

Section 901. 1. 1 International Fire Code. The requirements of this chapter shall include any additional amendments to the 2015 International Fire Code.

13) Section 1008.3.3 Rooms and Spaces is amended as follows:

1008.3.3 Rooms and Spaces. In the event of power supply failure, an emergency electrical system shall automatically illuminate all of the following areas: 1. Electrical equipment rooms 2. Fire command centers 3. Fire pump rooms 4. Generator rooms 5. All bathrooms

14) Chapter 11 is deleted and replaced as follows:

CHAPTER 11 ACCESSIBILITY Section 1101 GENERAL 1101. 1 SCOPE. The provisions of the Illinois Accessibility Code shall control the design and construction of facilities for accessibility for individuals with disabilities.

15) Chapter 13 is deleted and replaced as follows:

CHAPTER 13 ENERGY EFFICIENCY Section 1301 GENERAL 1301. 1 SCOPE. The provisions of the Illinois Efficient Buildings Act adopts the International Energy Conservation Code with State of Illinois amendments.

16) Section 1806.2 Exception is amended as follows by adding the following exception:

Section 1806.2 Presumptive load-bearing values.

Exceptions:

1. A presumptive load-bearing capacity shall be permitted to be used where the building official deems the load-bearing capacity of mud, organic silt or unprepared fill is adequate for the support of lightweight or temporary structures.
2. Depending on the use, the Code Official may accept designs based upon an assumed soil bearing capacity of 1500 psf provided all of the following conditions are met:
 - a. The building height does not exceed one (1) story or 20 feet in buildings which contain masonry or concrete walls.
 - b. The building height does not exceed one (1) story or 25 feet in buildings which do not contain any masonry or concrete walls.
 - c. The foundation is shallow and the building does not include a basement.
 - d. The building seismic use group is not Category II or III as listed in Table 1604.5
 - e. Footings bear on virgin soil that is not questionable including but not limited to plastic, liquefied, highly sensitive clays, weakly cemented, peats or organic and expansive materials.

Prior to issuance of a building permit, a statement in accordance with Section 1704. 1. 1 shall be submitted by the permit applicant including the name of the design professional or qualified soils engineer who will be conducting the inspection.

Following excavations and prior to pouring of foundations, a site inspection and written report shall be prepared by a licensed design professional or qualified soils engineer to indicate that no questionable soils have been discovered. A copy of inspection report shall be submitted to the code official prior to inspection listed in Section 109.3.1.

17) Chapter 29 is deleted and replaced as follows:

Chapter 29 PLUMBING SYSTEMS Section 2901 General

2901. 1 Plumbing. Plumbing for new and existing structures shall comply with the Illinois Plumbing Code.

2901.2 Stormwater Drainage. Stormwater drainage shall comply with Chapter 11 of the 2015 International Plumbing Code

18) Appendix F " RODENTPROOFING" is added as part of this Code.

19) Appendix G " FLOOD-RESISTANT CONSTRUCTION" is added as part of this Code.

20) Appendix I "PATIO COVERS" is added as part of this Code.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE III. ELECTRICAL CODE

100.3-1. ADOPTED.

100.3-2. AMENDMENTS.

100.3-1. ADOPTED.

The “*National Electrical Code, Edition 2014*”, as published by the National Fire Protection Association 70, is hereby adopted by reference and set forth fully in this section, as the Electrical Code of the Village of Machesney Park. A copy of the NFPA 70 National Electrical Code, Edition 2014, has been filed in the office of the Village Clerk for use and examination by the public.

100.3-2. AMENDMENTS.

The National Electrical Code 2014, as adopted by Section 100.3-2, is hereby amended as follows:

Annex H Administration and Enforcement

1) Article 80.2 shall be amended as follows:

Section 80.2 Definitions. Add the following:

ELECTRICAL CONTRACTOR. Whenever the term "electrical contractor" is used it shall mean any person, firm, or corporation undertaking the execution of electrical work or engaged in the business of installing or altering by contract electrical equipment for utilization of electricity, supplied for light, heat, or power, not including radio apparatus or equipment for wireless reception of sounds and signals, not including apparatus, conductors and other equipment installed for or by public utilities, including common carriers, which are under the jurisdiction of the Illinois Commerce Commission for use in their operation as public utilities; the term "Electrical Contractor" does not include employees employed by such contractor to do or supervise such work, nor does it include homeowners who do their own work in their own home.

ELECTRICAL EQUIPMENT. Whenever the term "electrical equipment" is used, it shall mean conductors and equipment installed for the utilization of electricity supplied for light, heat, or power, but does not include radio apparatus or equipment for the wireless reception of sounds and signals, and does not include apparatus, conductors, and other equipment installed for or by public utilities, including common carriers which are under the jurisdiction of the Illinois Commerce Commission, for use in their operation as public utilities.

2) Article 80.15 (A) shall be amended as follows:

80.15 (A) Creation of the Electrical Board. There is hereby created the Electrical Board of the Village of Machesney Park, hereinafter designated as the Board.

3) Article 80.15 (C) shall be amended as follows:

80.15 (C) Terms. Of the members first appointed, one shall be appointed for a term of 1 year, one for a term of 2 years, one for a term of 3 years, one for a term of 4 years, and thereafter each appointment shall be for a term if 4 years, or until a successor is appointed. The Chair of the Board shall be appointed for a term not to exceed 5 years.

4) Article 80.15 (D) shall be deleted and replaced as follows:

80.15 (D) Compensation. Each appointed member shall receive the sum of zero dollars (\$) for each day. The permit holder shall post the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a re-inspection fee when the permit is not posted.

5) Article 80. 19 (A) (2) shall be deleted and replaced as follows:

80.19 Permits and Approvals. (A) Application. (2) The permit holder shall post the permit or a legible copy of the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a re-inspection fee when the permit is not posted.

6) Article 80. 19 (C) (3) shall be added as follows: 80.19 Permits and Approvals. (C) Issuance of permits. (3) Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy, unless the wiring is integral with a lighting or power distribution system, fire alarms or temperature control systems involving fan shut down relays, smoke controls systems or duct smoke detectors.

7) Article 80. 19 (C) (4) shall be added as follows: 80.19 Permits and Approvals. (C) Issuance of permits. (4) Installation of telephone, CATS or other network wiring, or CATV wiring.

8) Article 80.19 (D) shall be deleted.

80. 19 Permits and Approvals. (D) Annual permits. Deleted.

9) Article 80. 19 (E) (1) shall be added as follows:

80.19 Permits and Approvals. (E) Fees. (1) Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fee schedule established by resolution shall be doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees established by resolution shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees established by resolution shall be tripled and not less than \$ 750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the Village of Machesney Park Community Development Department as permitted by state law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

10) Article 80.19 (F) (3) shall be deleted and replaced as follows:

80.19 Permits and Approvals. (F) Inspections and Approvals. (3) When any portion of the electrical installation within the jurisdiction of an Electrical Inspector is to be hidden from view by the permanent placement of parts of the building, the person, firm or corporation installing the equipment shall notify the Electrical Inspector, and the equipment shall not be concealed until it has been approved by the Electrical Inspector.

11) Article 80.19 (F) (5) shall be amended as follows:

80.19 Permits and Approvals. (F) Inspections and Approvals. (5) If, upon inspection, any installation is found not to be fully in conformity with the provisions of Article 80, and all applicable ordinances, rules, and regulations, the Inspector making the inspection shall at once make a written notice stating the defects that have been found to exist. The list will be posted on the jobsite. Where any work or installation does not pass an initial test or inspection, the necessary correction shall be made so as to achieve compliance with this code. The contractor shall then request that the work or installation be re-inspected or retested. The permit holder will be subject to a re-inspection fee according to the adopted fee schedule of the Village of Machesney Park, for the first, and each additional, re-inspection or test performed.

12) Article 80.21 (B) (1) shall be amended as follows:

B) Responsibility of the Applicant. (1) The construction documents include all of the electrical requirements. Plans and specifications in sufficient detail shall be filed with the Building Official showing the location and capacity of all lighting facilities, electrically operated equipment and electrical circuits required for all service equipment of the building or structure except as may be modified by the code official. Whenever an electrical contractor will be the installer of electric heat in a room or in a building, and said heat is to be the principal source of heat for that room or building, the plans and heat loss (80% differential) shall be submitted to the building department before proceeding with the installation.

13) Article 80.21 (B) (3) shall be added as follows:

B) Responsibility of the Applicant. (3) Available Short Circuit Current Form. An available short circuit current form will be required stating what the available short circuit current is at the transformer secondary, at the main disconnect line side, and at all sub-panels. The form shall be filled out and on file with the Village of Machesney Park Building Department before an inspection will be performed for an electrical service for commercial, industrial and, in some cases, residential buildings.

14) Article 80.23 (B) (3) shall be deleted.

80.23 Notice of Violations, Penalties. (B) Penalties. (3) (Deleted)

15) Article 80.25 (C) shall be deleted. 5 80.25 Connection to Electrical Supply. (C) Notification. (Deleted)

16) Article 80.27(A) shall be deleted and replaced as follows:

80.27 Inspector's Qualifications. (A) Certificate. All electrical inspectors shall be certified by a nationally recognized inspector certification program accepted by the Board. The certification

program shall specifically qualify the inspector in electrical inspections. If a person is employed as an Electrical Inspector either directly or by contract by the Village of Machesney Park and does not have a certification, that person will have one year to acquire the certification.

17) Article 80.27 (B) (3) shall be amended as follows:

80.27 Inspector' s Qualifications. (B) Experience. (3) Be well versed in the statutes of Illinois relating to electrical work and the National Electrical Code, as approved by the American National Standards Institute

18) Article 80.27 (B) (4) shall be amended as follows: 80.27 Inspector' s Qualifications. (B) Experience. (4) Have had at least two years' experience as an Electrical Inspector or five years in the installation of electrical equipment. In lieu of such experience, the applicant shall be a graduate in electrical engineering or of a similar curriculum of a college or university considered by the Board as having suitable requirements for graduation and shall have had two years' practical electrical experience.

19) Article 80.29 shall be amended as follows:

80.29 Liability for Damages. Article 80 shall not be construed to affect the responsibility or liability of any party owning, designing, operating, controlling, or installing any electrical equipment for damages to persons or property caused by a defect therein, nor shall the Village of Machesney Park or any of its employees be held as assuming any such liability by reason of the inspection, re- inspection, or other examination authorized.

20) Article 80.35 shall be amended as follows:

80.35 Effective Date. Article 80 shall take effect immediately after its passage and publication.

21) Article 210. 19(A) (5) shall be added as follows:

210.19 Conductors—Minimum Ampacity and Size. (A) Branch Circuits Not More Than 600 Volts. (5) Microwave Circuits. The wiring used to supply power to a permanently installed microwave oven shall consist of a dedicated circuit installed with 12 AWG or larger conductors.

22) Article 210.70(A) (1) shall be amended as follows:

210.70 Lighting Outlets Required. (A) Dwelling Units. (1) Habitable rooms. At least one wall switch-controlled lighting outlet shall be installed in every habitable room and bathroom. The switch shall be installed at a point of entry to the room. The main lighting outlet in each room may not be fed from the load side of a GFCI device. Unless 210.70(A)(1) Exception No. 1 6 is applied, provision shall be made in the wiring of each ceiling box of all habitable rooms excluding dining rooms) for a luminaire to operate independently from a fan.

23) Article 210.70(A) (3) shall be deleted and replaced as follows:

210.70 Lighting Outlets Required. (A) Dwelling Units. (3) Storage or Equipment Spaces. For accessible attics, underfloor spaces, utility rooms, each area of an unfinished basement, and equipment spaces, at least one lighting outlet containing a switch or controlled by a wall switch shall be installed in such spaces. At least one point of control shall be at the usual point of entry to these spaces. A lighting outlet shall be provided within six feet of any equipment requiring

servicing.

24) Article 210.70(C) shall be amended as follows:

210.70 Lighting Outlets Required. (C) Other Than Dwelling Units. For accessible attics and underfloor spaces, at least one lighting outlet containing a switch or controlled by a wall switch shall be installed in such spaces. At least one point of control shall be at the usual point of entry to these spaces. A lighting outlet shall be provided within six feet of any equipment requiring servicing.

25) Article 230. 11 shall be added as follows:

230. 11 Service Installation and/or Modifications. When any part of service entrance equipment, a branch circuit panel, or a service conductor is installed, replaced, modified, or required to be repaired, the service in its entirety must be installed to comply with the current codes as adopted by the Village of Machesney Park. The main branch circuit panel shall be at least 16 spaces. Exception: Replacement or addition of a branch-circuit overcurrent protective device.

26) Article 230.43 shall be deleted and replaced as follows:

230.43 Wiring Methods for 1000 Volts, Nominal, or Less. Service-entrance conductors and service laterals overhead shall be installed in accordance with the applicable requirements of this Code covering the type of wiring method used and shall be limited to rigid metal conduit (RMC) or intermediate metal conduit (IMC). Electrical metallic tubing (EMT) may be used inside a building or structure.

27) Article 230.70 (A) (1) shall be deleted and replaced as follows: 230.70 General. (A) Location. (1) Readily Accessible Location. The service disconnecting means shall be installed at a readily accessible location, either outside of a building or structure, or inside at or within 5 feet of the meter enclosure.

28) Article 250.52 (A) shall be deleted and replaced as follows:

250.52 (A) Electrodes. A concrete-encased electrode that complies with 250.52 (A) (3) will be required in all new construction. The following electrodes described in (1) through (8) shall be permitted as additional grounding methods.

29) Article 300. 1 (D) shall be added as follows:

300.1 Scope. (D) Mixed Use and Occupancy Buildings. The entire mixed use and occupancy building shall be wired by the most restrictive code.

30) Article 300.5 (D) (3) shall be amended as follows:

300.5 Underground Installations. (D) Protection from Damage (3) Service Conductors. Underground service conductors shall be installed in galvanized or stainless steel rigid metal conduit (RMC) or intermediate metal conduit (IMC). Underground service conductors that are not subject to physical damage may be installed in Schedule 80 rigid electrical nonmetallic conduit (PVC), protected by galvanized or stainless steel rigid conduit (RMC) or intermediate metal conduit (IMC) to a minimum of 450 mm (18 inches) below grade. No exposed nonmetallic conduit shall be allowed. Underground service conductors that are not encased in concrete and

that are buried 450 mm (18 inches) or more below grade shall have their location identified by a warning ribbon that is placed in the trench at least 300 mm (12 inches) above the underground installation.

31) Article 300.11(A) (3) shall be added as follows:

300.11 Securing and Supporting. (A) Secured in Place. (3) Tie Wire. Tie wire shall not be allowed as a sole means of supporting or securing conduit or cable in above ground applications.

32) Article 300.13 (C) shall be added as follows:

300.13 Mechanical and Electrical Continuity--Conductors. (C) Multiple Conductors. A device designed to be used for switching or as a receptacle may not be used to provide electrical continuity to any circuit conductor.

33) Article 300.13 (D) shall be added as follows:

300.13 Mechanical and Electrical Continuity-Conductors. (D) Push-Type Clamping Devices. No push-type or clamp-type connections for splices or for terminating to devices will be allowed unless the wire connection is secured with a screw or crimping tool. Exception 1: Disconnecting means for ballasts. Exception 2: Factory installed terminations in luminaires.

34) Article 310.106 (B) shall be deleted and replaced as follows:

310.106 Conductors. (B) Conductor Material. Conductors in this article shall be aluminum, copper-clad aluminum, or copper unless otherwise specified. Aluminum and copper-clad aluminum conductors shall be prohibited to be installed in sizes smaller than 4 AWG. Stranded aluminum conductors 4 AWG through 1000 kcmil marked as Type RHH, RHW, XHHW, THW, THHW, THWN, THHN, service-entrance Type SE Style U and SE Style R shall be made of an AA-8000 series electrical grade aluminum alloy conductor material.

35) Article 314.27 (A) (2) shall be amended as follows:

314.27 Outlet Boxes. (A) Boxes at Luminaire or Lampholder Outlets. (2) Ceiling Outlets. At every outlet used exclusively for lighting, the box shall be designed or installed so that a luminaire or lampholder may be attached. Boxes shall be required to support a luminaire weighing a minimum of 23 kg (50 lb). A luminaire that weighs more than 23 kg (50 lb) shall be supported independently of the outlet box, unless the outlet box is listed and marked on the interior of the box to indicate the maximum weight the box shall be permitted to support. In all habitable rooms with a ceiling fixture (other than recessed fixtures) in a location acceptable for a ceiling-suspended (paddle) fan in single-family, two-family or multi-family dwellings, a box rated for ceiling fan support shall be installed.

36) Article 334.10 including (1) through (5) shall be deleted and replaced as follows:

334.10 Uses Permitted. Type NM, Type NMC, and Type NMS cables shall be permitted to be used only in the following: R-2, R-3, and R-4 structures (as defined by the International Building Code) not exceeding three floors above grade.

37) Article 334.15 (D) shall be added as follows:

334.15 Exposed Work. (D) All Unfinished Areas. Any exposed cable 7 feet (213.36cm) or

closer to the floor must be protected with a durable building material or sleeved in an approved manner.

38) Article 334.40 (B) shall be deleted in part:

334.40 Boxes and Fittings. (B) Devices of Insulating Material. Delete "and for repair wiring in existing buildings where the cable is concealed."

39) Article 410.36 (B) shall be amended as follows:

410.36 Means of Support. (B) Suspended Ceilings. Framing members of suspended ceiling systems used to support luminaires shall be securely fastened to each other and shall be securely attached to the building structure at appropriate intervals. Luminaires smaller than 610 mm by 610 mm (24 inches by 24 inches) shall be securely fastened to the ceiling framing member by mechanical means such as bolts, screws, or rivets. Listed clips identified for the use with the type of ceiling framing member(s) and luminaire(s) shall also be permitted. Fixtures 610 mm by 610 mm (24 inches by 24 inches) or larger shall be supported independently of the ceiling grid by at least two wires on opposite corners of the fixture. The same size (or larger) wire used to support the ceiling system shall be used to support the fixture, but in no case shall the wire size be smaller than 12 AWG steel.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE IV. MECHANICAL CODE

100.4-1. ADOPTED.

100.4-2. AMENDMENTS.

100.4-1. ADOPTED.

The *“International Mechanical Code, Edition 2015”*, as recommended and published by the International Code Council, is hereby adopted by reference and set forth fully in this section, as the Mechanical Code of the Village of Machesney Park. A copy of the ICC International Mechanical Code, Edition 2015 has been filed in the office of the Village Clerk for use and examination by the public.

100.4-2. AMENDMENTS.

The ICC International Mechanical Code, Edition 2015, as adopted by 100.4-1, is hereby amended as follows:

1) Section 101. 1 is amended as follows:

101.1 Title. These regulations shall be known as the Mechanical Code of the Village of Machesney Park, Illinois, hereinafter referred as the Mechanical Code, or "this code."

2) Section 106. 1. 1 is added as follows:

106. 1. 1 Permits required. Mechanical work shall not be commenced until the code official has issued a permit for such work. A mechanical permit shall not be transferable. All work shall be performed and completed by permit holder.

3) Section 106.2 is amended by adding the following:

106.2 Permits not required. Permits shall not be required for the following: 9. Service calls, normal maintenance, and replacement parts in an amount less than \$500.00 (five hundred dollars).

4) Section 106.5.1 is deleted and replaced as follows:

106.5.1 Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fees established within the permit fee schedule by the Village Board shall be doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees shall be doubled and not less than 500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees shall be tripled and not less than \$750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the Village of Machesney Park Community Development Department as permitted by state law. The payment of such fees shall

not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

5) Section 106.5.2 Fee Schedule. is deleted in its entirety.

6) Section 106.5.3 is deleted in its entirety.

7) Section 106.6 is added as follows:

106.6 Posting Permit. The permit holder shall post the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a re-inspection fee when the permit is not posted.

8) Section 107.1 is amended as follows.

107.1 Required inspections and testing. The building official or code official, upon notification from the permit holder or the permit holder's agent, may make the following inspections and other such inspections as necessary, and shall either release that portion of the construction or shall notify the permit holder or the permit holder's agent of violations that must be corrected. The holder of the permit shall be responsible for the scheduling of such inspections. Where the phrase "shall be made" or "shall require" is used in this section, it shall mean "may be made" or "may be required". The remainder of this section is unchanged.)

9) Section 107.2.3 is amended as follows:

107.2.3 Re-inspection and testing. Where any work or installation does not pass an initial test or inspection, the necessary correction shall be made so as to achieve compliance with this code. The contractor shall then request that the work or installation be re-inspected or retested. The permit holder will be subject to a re-inspection fee as established in the building permit fee schedule by the Village of Machesney Park, for the first, and each additional, re-inspection or test performed.

10) Section 108.4 is amended as follows:

108.4 Violation penalties. Persons who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical equipment or systems in violation of an approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be punishable by a fine of not more than \$500.00 dollars. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

11) Section 108.5 is amended as follows:

108.5 Stop work orders. 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 state the conditions 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 the work. Any person who shall continue any work on the system 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 for a fine of not

more than \$ 500.00 dollars.

12) Section 109.2 is deleted and replaced as follows:

109.2 Membership of board. The board of appeals shall consist of seven members appointed by the chief appointing authority as follows: two (2) for five (5) years; two (2) for four (4) years; one (1) for three (3) years; one (1) for two (2) years; and one (1) for one (1) year. Thereafter, each new member shall serve for five (5) years or until a successor has been appointed.

13) Section 109.2.1 is deleted and replaced as follows:

109.2.1 Qualifications. The members of the board shall consist of one registered Professional Engineer, one licensed plumbing contractor, one license holder for hydronic heating-cooling, one license holder for refrigeration, one license holder for warm-air heating-cooling and two representatives of the mechanical industry with at least ten years of experience in mechanical fields, five of which shall have been in responsible charge of work.

14) Section 309.1 is amended as follows:

309.1 Space-heating systems. Interior spaces intended for human occupancy shall be provided with active heating systems capable of maintaining a minimum indoor temperature of 68° F (20° C) at a point 3 feet (914 mm) above floor on the design heating day. The installation of portable space heaters shall not be used to achieve compliance with this section. Exception: Interior spaces where the primary purpose is not associated with human comfort.

15) Section 508. 1 is amended as follows:

508.1 Makeup air. Makeup air shall be supplied during the operation of commercial kitchen exhaust systems that are provided for commercial cooking appliances. The amount of makeup air supplied to the building from all sources shall be approximately equal to the amount of exhaust air for all exhaust systems for the building. The makeup air shall not reduce the effectiveness of the exhaust system. Makeup air shall be provided by mechanical means. Mechanical makeup air systems shall be automatically controlled to start and operate simultaneously with the exhaust system. Makeup air intake opening locations shall comply with Section 401.

16) Section 603.6.1.1 is amended as follows:

603.6.1.1 Duct length. Flexible air ducts shall not be limited in length to 8 feet overall from termination point and contain no more than the equivalent of one 90 degree turn with no offset greater than 45 degrees. All flexible air ducts shall be of the insulated type. Flexible ducts shall only be used for branches.

17) Section 603.6.2. 1 is amended as follows:

603.6.2. 1 Connector length. Flexible air connectors shall be limited in length to Meet 8 feet overall from termination point and contain no more than the equivalent of one 90 degree turn with no offset greater than 45 degrees. All flexible air connectors shall be of the insulated type. Flexible ducts shall only be used for branches.

18) Section 801.2.2 is added as follows:

801.2.2 Fuel burning appliances. PVC vent piping for a fuel burning appliance that is located in a

concealed space shall be marked/ labeled every 36 inches so as to distinguish it from plumbing or other piping.

19) Section 918.7 is added as follows:

918.7 Furnace cement or welding. The use of furnace cement or welding for the repair of furnace heat exchangers is prohibited.

20) Section 929 is added as follows:

SECTION 929 UNVENTED ROOM HEATERS

929. 1 General. Unvented room heaters and/ or fireplaces are prohibited

21) Section 1002.1.1 is added as follows:

1002.1.1 Installation. Water heaters greater than 5 gallons shall not be elevated more than 18" above finished floor (AFF). When elevated, the appliance shall be secured in an approved manner.

22) Appendix A " Chimney Connector Pass-Throughs" is added as part of this Code.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE V. RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS

100.5-1. ADOPTED.

100.5-2. AMENDMENTS.

100.5-1. ADOPTED.

The “*International Residential Code for One- and Two-Family Dwellings, Edition 2015*” including the Appendix Chapters E, F, G, H, J, and M, as recommended and published by the International Code Council, is hereby adopted by reference and set forth fully in this section, as the Residential Building Code for One- and Two-Family Dwellings of the Village of Machesney Park and shall hereby regulate and govern the construction, alteration, movement, enlargement, replacement, repair, equipment, location, removal and demolition of detached one- and two-family dwellings and attached single-family dwellings not more than three stories in height with separate means of egress as herein provided. A copy of the International Residential Code for One- and Two-Family Dwellings, Edition 2015 has been filed in the office of the Village Clerk for use and examination by the public.

100.5-2. AMENDMENTS.

The International Residential Code for One- and Two-Family Dwellings, Edition 2015, as adopted in Section 100.5-1 is hereby amended as follows:

1) Section R101. 1 as amended as follows:

R101. 1 Title. These provisions shall be known as the Residential Code for One- and Two-Family Dwellings of the Village of Machesney Park, and shall be cited as such and will be referred to herein as "this code".

2) Section R105.2 Buildings: Item 1 is amended, and Items 11 and 12 are added as follows:

R105.2 Work exempt from permit.

Building:

1. One- story detached accessory structures, provided the floor area does not exceed 120 square feet (11.15 m²).

2. through 10. remain unchanged.

11. Replacement of doors and windows provided the size is not changed and a fire rating is not required.

12. Repair or replacement of interior wall and ceiling coverings provided:

a. not more than 50% of coverings in a room are removed, and

b. the coverings are not part of a fire rated assembly, and

c. no structural elements that are in a hazardous condition are exposed.

Electrical:

1. through 3. remain unchanged.

4. Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy, unless the wiring is integral with a lighting or power distribution system, fire alarms or temperature control systems involving fan

shut down relays, smoke controls systems or duct smoke detectors. Exception: security alarms installed by an outside agent.

(Remainder unchanged)

3) Section R105.7 is deleted and replaced as follows:

R105.7 Placement of Permit. The permit holder shall post the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a re-inspection fee when the permit is not posted.

4) Section R106. 1 is deleted: R106.1 Submittal documents. Deleted

5) Section R108.6 is deleted and replaced as follows:

R108.6 Work commencing before permit issuance. Any person who commences work requiring a permit by this code prior to obtaining said permit, will be subject to the fees established within the fee schedule adopted by the Village of Machesney Park, being doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees established by the Village shall be doubled and not less than \$ 500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees established in Section 108.2 shall be tripled and not less than \$750.00, plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the Village of Machesney Park Community Development Department as permitted by State Law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

6) Section R108.7 is added as follows:

R108.7 Re-inspection Fee. Any item of inspection that fails to meet code requirements on the initial inspection shall be subject to a re- inspection fee charged to the permit holder for each additional re-inspection performed.

7) Section R109.1.4 is amended as follows:

R109.1.4 Frame and masonry inspection. Inspection of framing and masonry construction shall be made after the roof, masonry, framing, firestopping, draftstopping and bracing are in place and after the plumbing, mechanical and electrical rough inspections are approved and prior to covering or concealment of any of the aforementioned.

8) Section R115 is added as follows:

SECTION R115 TEMPORARY RESTROOM FACILITIES

R115. 1 Temporary restroom facilities. The builder or the builder' s representative of a residential building under construction shall provide restroom facilities for the employees working on the construction site. These facilities shall be located within 300 feet (91440 mm) of

10) Section 313 is deleted and replaced as follows:

Section R313 - Automatic Fire Sprinkler Systems

R313.1 Townhouse automatic fire sprinkler systems. An automatic residential fire sprinkler system shall not be required to be installed in townhouses.

R313.1.1 Design and Installation. If an automatic residential fire sprinkler system for a townhouse is installed, it shall be designed and installed in accordance with the current edition of The Illinois Plumbing Code and NFPA 13 D.

R 313.1.2 Other Code Requirements. All structures built without automatic fire sprinkler systems shall comply with all code requirements of the International Residential Code for non-sprinklered construction.

R313.2 One- and two-family dwellings automatic fire systems. An automatic residential fire sprinkler system shall not be required to be installed in one- and two-family dwellings, including additions and alterations to such dwellings.

R313.2.1 Design and Installation. If an automatic residential fire sprinkler system is installed in a one- or two-family dwelling, it shall be designed and installed in accordance with the current edition of The Illinois Plumbing Code and NFPA 13 D.

R 313.2.2 Other Code Requirements. All structures built without automatic fire sprinkler systems shall comply with all code requirements of the International Residential Code for non-sprinklered construction.

11) Section R322.1.5 is amended as follows:

R322. 1. 5 Lowest floor. The lowest floor shall be the floor of the lowest enclosed area, including basement.

12) Section R322.2.1 (1 and 3) amended to read as follows:

R322.2.1 Elevation requirements.

1. Buildings and structures in flood hazard areas not designated as Coastal A Zones, shall have the lowest floors elevated 12" (30.5 cm) above the design flood elevation.

2. (Remains unchanged)

3. Basement floors that are below grade on all sides shall be elevated 12" (30.5 cm) above the design flood elevation. Exception: (Remains unchanged)

13) Section R322.2.2 is deleted in its entirety. R322.2.2 Enclosed area below design flood elevation. Deleted.

14) Section R403.3.5 is added as follows:

R403.3.5 Detached garages or sheds. The code official may approve a continuous slab on ground foundations which are located where adequate subsoil drainage frost protection is provided and the following conditions are met:

1. Structure is non-occupiable, unconditioned, detached, of Use Groups S or U, does not contain

- any masonry and does not exceed (1) one story or 25 feet (7.62 m) in height.
2. Slab/foundation does not bear on peats, organic or other questionable soil.
 3. Slab thickness is not less than 4" with a minimum of 6" x 6" 10#/ 10# WWF reinforcing.
 4. The perimeter of the slab turns down to a minimum of 12" below grade and is reinforced with a minimum of 1 continuous [minimum 12" tied laps] # 4 steel reinforcing bar.
 5. A minimum of 4 inches of screened and washed gravel or crushed stone under entire slab. The grade surrounding the building shall fall a minimum of 6" within the first 10'.

15) Section R1005. 1 is amended as follows:

R1005.1 Listing and clearances. Factory-built chimneys shall be listed and labeled and shall be installed and terminated in accordance with the manufacturer' s installation instruction. Where, upon inspection, listing specifications are not present or visible, combustible materials within 18 inches of the chimney shall be protected with 5/ 8" Type X gypsum board or equivalent.

16) Chapter 11 ENERGY EFFICIENCY is deleted and replaced as follows:

CHAPTER 11 ENERGY EFFICIENCY

Section 1101 GENERAL

1101.1 SCOPE. The provisions of the Illinois Efficient Buildings Act adopts the International Energy Conservation Code with State of Illinois amendments.

17) Section N1101.4 (R102.1.1) is amended as follows:

N1101. 4 (8102.1.1) Above code programs. Compliance shall be demonstrated by meeting the requirements of the current International Energy Conservation Code as mandated by the State of Illinois.

18) Section M1201.2 is amended as follows:

M1201.2 Application. In addition to the general administration requirements of Chapter 1, the administrative provisions of this chapter shall also apply to the mechanical requirements of Chapters 12 through 24, and the Village of Machesney Park amendments to the International Mechanical Code.

19) Section M1203 is added as follows:

M1203 Heating Requirements

M1203.1 Heating Required. Heat/ supply air is required in all rooms (including bathrooms).

Exception: 1. Unoccupied storage or other unoccupied spaces.

20) Section M1401.3. 1 is added as follows:

1401.3.1 Calculations Required. The permit applicant shall submit a room by room Manual J, S, and D calculations for all HVAC equipment and/ or replacement prior to permit issuance.

21) Section M1401. 6 is added as follows:

M1401. 6 Furnace repair. The use of furnace cement or welding for the repair of a furnace heat exchanger is prohibited.

22) Section M1408 Vented floor furnaces is deleted.

23) Section M1602.2 - 4. is amended as follows: 4. Return air for heating, ventilation and air conditioning systems for all dwelling units, including manufactured and modular homes, shall not be taken from a closet, bathroom, toilet room, kitchen, garage, mechanical room, boiler room, furnace room or unconditioned attic. (Exception: unchanged)

24) Section G2414. 10. 1 is deleted and replaced as follows:

G2414.10.1 (403.10.1) Welded connections required. All gas lines two and one half inches (2 1/2") inside diameter size or larger shall be of welded construction between the consumer's connection to the gas meter and the shut-off valve located immediately adjacent to any gas burning unit. All gas fuel lines carrying gas at one (1) P.S.I.G. or greater, shall be of welded construction between the consumer's connection to the gas meter and the shut-off valve located immediately adjacent to any gas burning unit.

25) Section G2415.12 is amended as follows:

G2415.12 (404.12) Minimum burial depth. Underground piping systems shall be installed a minimum depth of 12 inches (305 mm) below grade, except as provided for in Section G2415.

12. I. Piping systems and electrical wiring shall be separated a minimum of 12 inches horizontal when sharing the same trench. Burial depth may be less than 12 inches as provided for in Section 404.12.1.

26) Section G2445 Unvented room heaters is deleted.

27) Section P2501. 1 is amended as follows: P2501. 1 Scope. The provisions of this chapter and the Illinois Plumbing Code, including local amendments, shall govern the installation of plumbing. All work shall be performed by State of Illinois licensed plumbers in accordance with the Plumbing Licensing Act.

28) Appendix E " MANUFACTURED HOUSING USED AS DWELLINGS" is added as part of this Code.

29) Appendix F " PASSIVE RADON GAS CONTROLS" is added as part of this Code.

30) Appendix G " PIPING STANDARDS FOR VARIOUS APPLICATIONS" is added as part of this Code.

31) Appendix H "PATIO COVERS" is added as part of this Code.

32) Appendix J" EXISTING BUILDINGS AND STRUCTURES" is added as part of this Code.

33) Appendix M" HOME DAY CARE—R-3 OCCUPANCY" is added as part of this Code.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE VI. PLUMBING CODE

100.6-1. ADOPTED.

100.6-2. AMENDMENTS.

100.6-1. ADOPTED.

The “*Illinois State Plumbing Code of 2014*”, as established and adopted by the Illinois Department of Public Health and the Rock River Water Reclamation District Code of Ordinances, is hereby adopted by reference and set forth fully in this section, as the Plumbing Code of the Village of Machesney Park. A copy of the Illinois State Plumbing Code of 2014 has been filed in the office of the Village Clerk for use and examination by the public.

100.6-2. AMENDMENTS.

The Illinois State Plumbing Code 2014, as adopted in Section 100.6-2, is hereby amended as follows:

1) Section 890.120 is amended as follows:

Section 890.120 Definitions

“Quick Closing Valves”: A valve or faucet that closes automatically when released, one that has fast action closing, or one that closes with (1/ 2) one half turn or less.

2) Section 890.180 is amended by adding a) 1) and a) 2) as follows:

Section 890.180 Sewer and Water Pipe Installations

a)

1) Sewer trenching and/ or tunneling not to exceed ten feet (10') total distance.

2) Ditches shall be left accessible for inspection of sewer and/or water piping.

3) Section 890.420 is amended by as follows:

Section 890.420 Pipe Cleanouts

a) Location of Cleanouts within a Building Drain or Building Sewer.

1) Cleanouts shall be not more than 50 feet apart, including the developed length of the cleanout pipe, in horizontal drainage lines of four (4) inches or less size. Cleanouts shall be not more than 100 feet apart, including the developed length of the cleanout pipe, in horizontal drainage lines of over four (4) inches to ten (10) inches in size. Cleanouts shall not be more than 150 feet apart, including the developed length of the cleanout pipe, in horizontal drainage lines exceeding ten (10) inches in size. For underground drainage lines exceeding ten (10) inches in size, manholes instead of cleanouts shall be provided and shall be located at intervals of not more than 150 feet.

4) Section 890.510 is amended by adding a) 7) as follows:

Section 890.510 Grease Interceptor Requirements

a)

7) All new or altered installations serving institutions or commercial establishments in which grease, fats, culinary oil, or similar waste products from kitchens

or food processing areas, or in which grease, fats, or culinary oils are wasted in connection with utensil, vat, dish, or floor cleaning processes shall install grease interceptors. All waste lines and drains carrying culinary oil, grease, or fats in the above type establishments shall be directed to one or more interceptors before connecting to the plumbing system. If interceptors are located outside the building, they shall be accessible for maintenance purposes within ten (10) feet of the building.

5) Section 890.750 is amended by adding c), d), and e) as follows:

Section 890.750 Hydro Massage/Whirlpool Bathtubs

c) Manufacturer' s instructions. The product shall be installed in accordance with the manufacturer' s installation instructions.

d) Access to pump. Access shall be provided to circulation pumps in accordance with the fixture or pump manufacturer' s instructions. Where the manufacturer' s instructions do not specify the location and minimum size of field-fabricated access openings, and where pumps are located more than 2 feet (609mm) from the access opening, an 18-inch by 18-inch (457mm by 457mm) minimum sized opening shall be installed. A door or panel shall be permitted to close the opening. In all cases, the access opening shall be unobstructed and the size necessary to permit the removal and replacement of the circulation pump.

e) Leak testing. Leak testing and pump operation shall be performed in accordance with the manufacturer' s installation instructions.

6) Section 890.1150) is amended by adding a) 5) as follows:

Section 890. 1150 Water Service Pipe Installation

a)

5) Combination services (Fire and Domestic) shall split outside the building with an individual stop on the domestic service located a minimum of 5 feet (I 52.4cm) from the building.

7) Section 890.1200 is amended by adding a) 1) as follows:

Section 890. 1200 Water Service Sizing

a)

1) In existing structures which have a 3/ 4" (1. 905cm) water service and the service is being replaced, 3/ 4" pipe may be used provided that the building' s water supply fixture unit count WSFU) does not exceed 890.APPENDIX A TABLE N limits.

8) Section 890.1210 is amended by adding

j) as follows: Section 890.1210 Design of a Building Water Distribution System j) All new family dwellings shall have provisions made for soft water hookup, with three valves for bypass, except for outside lawn hydrants and cold water in kitchen sink with proper bypass. Connections and provisions shall be made of properly sized and vented trap within five feet (5') distance of water softener. Bypass connection for future use shall be capped. Exceptions must be requested in writing to the Board of Appeals and will be granted only after inspection has been conducted.

9) Section 890.1430 is amended by adding d) as follows:

Section 890. 1430 Stack Vents, Vent Stacks, Main Vents

d) Minimum Size of Stack Vent. Any structure in which a building drain is installed/repared shall have each stack vent or vent stack carried full size to the roof and shall increase to a minimum of four (4) inches, 12 inches below the roof line and 12 inches above the roof line.

10) Section 890.1902 is added as follows:

Section 890.1902 Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fees established in Section 18- 28 of the Code of Ordinances of the Village of Machesney Park shall be doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees established by the Village Board in the building permit fee schedule shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees established by the Village Board in the building permit fee schedule shall be tripled and not less than \$750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the Village of Machesney Park Community Development Department as permitted by state law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

11) Section 890.1911 is added as follows:

Section 890. 1911 Re-inspection and testing. Where any work or installation does not pass an initial test or inspection, the necessary correction shall be made so as to achieve compliance with this code. The contractor shall then request that the work or installation be re-inspected or retested. The permit holder will be subject to a re-inspection fee according to fee schedule established by the Machesney Park Village Board, for the first, and each additional, re-inspection or test performed.

12) Section 890.1940 a) and b) are added as follows:

Section 890. 1940 General Administration

a) The code official of the jurisdiction shall enforce all of the provisions of the code and shall act on any questions relative to the installation, alterations, repair, maintenance or operation of all plumbing systems, devices and equipment except as otherwise specifically provided for by statutory requirements.

b) Rule-making authority. The code official shall have power as necessary in the interest of public health, safety and general welfare, to adopt and promulgate rules and regulations to interpret and implement the provisions of this code to secure the intent thereof and to designate requirements applicable because of local climatic or other conditions. Such rules shall not have the effect of waiving structural or fire performance requirements specifically provided for in this code, or of violating accepted engineering practice involving public safety.

13) Section 890.1950 is amended by adding a) 3) as follows:

Section 890.1950 Violations

a) Notice of Violation

3) Violation-penalties: Any person who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof, who shall erect, construct, alter, or repair plumbing equipment or systems in violation of an approval plan or directive of the building official or a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of no more than \$500.00. Each day that a violation continues shall be deemed a separate offense.

14) Section 890.1960 is added as follows:

Section 890.1960 Regulations for Permits, Inspections, Test, Maintenance and Administration

WORKMANSHIP: All work shall be conducted, installed and completed in a workmanlike and acceptable manner so as to secure the results intended by this code and the standards referenced herein.

REVOCATION: The Code Administrator may revoke a permit or approval issued under the provisions of this code in case of any false statement or misrepresentation of fact in the application or on the plans on which the permit or approval was based.

SUSPENSION OF PERMIT: Any permit issued shall become invalid if the authorized work is not commenced within six months after issuance of the permit, or if the authorized work is suspended or abandoned for a period of six months after the time of the commencing work.

TIME LIMIT: An application for a permit for any proposed work shall be deemed to have been abandoned six months after the date of filing, unless such application has been diligently prosecuted or a permit shall have been issued. For reasonable cause, the Code Administrator may grant one or more extensions of time for additional periods not exceeding 90 days each.

PERMIT FOR PLUMBING WORK REQUIRED.

a) **PERMIT FEES.** All permit fees for all plumbing work shall be as set forth in the building permit fee schedule adopted by the Village Board. The permit holder shall post all permits required on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a re-inspection fee when a permit is not posted.

b) **STOP WORK ORDER-NOTICE.** Upon notice from the Code Administrator that work on any building or structure is being prosecuted contrary to the provisions of this code or in an unsafe and dangerous manner, such work shall be immediately stopped. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. It shall state the conditions under which work may be resumed.

c) **NOTICE OF APPROVAL.** After the prescribed tests and final inspection indicate the work complies in all respects with this code, the Code Administrator shall issue a notice of approval.

d) **UNSAFE CONDITIONS-GENERAL.** All plumbing installations, regardless of type, which are unsanitary or which constitute a hazard to human life, health, or 6 welfare are hereby declared illegal and shall be abated by repair and rehabilitation or removal.

e) EMERGENCY MEASURES-VACATING STRUCTURES. When, in the opinion of the Code Administrator, there is actual and immediate danger of contamination or sanitation hazard which would endanger life, the Code Administrator hereby is authorized and empowered to order and require the occupants to vacate a structure forthwith. The Code Administrator shall cause to be posted to at each entrance to such structure a notice reading as follows: " This Structure is Unsafe and its use or occupancy has been prohibited by the Code Administrator. It shall be unlawful for any person to enter such structure except for the purpose of making the required repairs or removal."

15) Section 890. APPENDIX A- Plumbing Materials, Equipment, Use Restrictions and Applicable Standards is amended as follows:

Section 890. TABLE A-3 Approved Building Drainage/Vent Pipe. 1) Acrylonitrile Butadiene Styrene (ABS) Pipe shall not be permitted.

Section 890. TABLE A-6 Approved materials for Building Sewer 1) Acrylonitrile Butadiene Styrene (ABS) Pipe shall not be permitted.

Section 890. TABLE A-9 Approved Materials for Water Service Pipe. 1) Acrylonitrile Butadiene Styrene (ABS) Pipe shall not be permitted. 7) Galvanized Steel Pipe shall not be permitted.

16) Section 890. APPENDIX A Plumbing Materials, Equipment, Use Restrictions and Applicable Standards TABLE B is amended as follows:

Section 890. TABLE B-2 Minimum Number of Plumbing Fixtures, column labeled All Facilities for Employee Use" Other fixtures— 1 Service sink per floor.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE VII. ENERGY CONSERVATION CODE

100.7-1. ADOPTED.

100.7-2. AMENDMENTS.

100.7-1. ADOPTED.

The “*International Energy Conservation Code, Edition 2015*”, as published by the International Code Council and adopted by the State of Illinois as the Illinois Energy Conservation Code, is hereby adopted by reference and set forth fully in this section as the Energy Conservation Code of the Village of Machesney Park and shall regulate and govern energy efficient building envelopes and installation of energy efficient mechanical, lighting and power systems as herein provided. A copy of the ICC International Building Code, Edition 2015 has been filed in the office of the Village Clerk for use and examination by the public.

100.7-2. AMENDMENTS.

The International Energy Conservation Code, Edition 2015, as adopted in Section 100.7-1, is hereby amended as follows:

1) Section 101. 1 shall be amended as follows:

101. 1 Title. This code shall be known as the International Energy Conservation Code of the Village of Machesney Park, and shall be cited as such. It is referred to herein as " this code".

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE VIII. FIRE CODE

100.8-1. ADOPTED.

100.8-2. AMENDMENTS.

100.8-1. ADOPTED.

The *“International Fire Code, Edition 2015”*, as published by the International Code Council, including Appendices B, C, D, F, and H, and the National Fire Protection Association’s National Fire Code, is hereby adopted by reference and set forth fully in this section as the Fire Code of the Village of Machesney Park and shall regulate and govern 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 as provided herein. A copy of the ICC International Fire Code, Edition 2015, has been filed in the office of the Village Clerk for use and examination by the public.

100.8-2. AMENDMENTS.

The International Fire Code, Edition 2015, as adopted in Section 100.8-1, is hereby amended as follows:

1) Section 101. 1 is amended as follows:

101. 1 Title. These regulations shall be known as the Fire Code of the Village of Machesney Park, State of Illinois, hereinafter referred to as such or as "this code".

2) Section 105.1.1.1 is added as follows:

105.1.1.1. Operational permit fee. The permit fees for an operational permit in accordance with section 105.6 shall equal one percent (1%) of the operation, with a minimum fee of \$25.00 and a maximum fee of \$500.00 per operation. Flammable and combustible liquid tanks will be \$100.00 per tank.

3) Section 110.5 is added as follows:

110.5 Debris as nuisance. Debris remaining at the scene of a fire after the site has been released by the fire protection district shall constitute a nuisance. The property owner shall be notified of said nuisance and, if not rectified to standards established by the fire inspectors, said debris shall be removed by the city or its duly authorized agent. Costs for removal shall become a lien against the property, or may include other actions permitted by law.

4) Section 113.3 is deleted and replaced as follows:

113.3 Work commencing before permit issuance. When a permit is required by this code, and any operation or work is started or proceeded with, prior to obtaining said permit, the fees established in Section 105.1.1.1 shall be doubled and not less than \$ 250.00. This penalty may be waived by the code official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period,

starting or proceeding with the work prior to obtaining a permit, the fees established in Section 105.1.1.1 shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees established in Section 105.1.1.1 shall be tripled and not less than \$750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve 12) month period, the offender shall be prosecuted by the Village of Machesney Park Community Development Department as permitted by state law. The payment of such fees shall not relieve any person from complying with the requirements of this code and the execution of the operation or work, nor from any penalties prescribed herein.

5) Section 202 is amended by adding the following definitions:

Section 202 GENERAL DEFINITIONS

HIGH-RISE BUILDING. For the provisions of this code, a high-rise is defined as any building having occupied floors more than 65 feet above the lowest level of fire department vehicle access.

STRUCTURE. That which is built or constructed or portion thereof. This shall include all buildings, but shall not include any other structures which are within a public right-of-way.

6) Section 202 is amended as follows:

OCCUPANCY CLASSIFICATION. For the purposes of this code, certain occupancies are defined as follows:

Assembly Group A is amended by deleting and replacing as follows:

Assembly Group A. Group A occupancy includes, among others, the use of a building or structure, or a portion thereof, for the gathering together of persons for purposes such as civic, social or religious functions, recreations, food or drink consumption or awaiting transportation. A room or space used for assembly purposes by less than 50 persons and 750 square feet or less shall be included as a part of that occupancy.

Assembly occupancies shall include the following: (The remainder of this definition remains unchanged.)

7) Section 307.1.1 is deleted and replaced as follows:

307.1.1 Prohibited open burning. Open burning shall be prohibited.

Exceptions: Where approved by the local jurisdiction.

8) Section 307.1. 2 is added as follows:

307.1. 2 Materials. Fuel for all recreational fires and bonfires shall consist only of seasoned dry firewood and other material approved by the fire code official. The fire shall be ignited with a small quantity of paper. The fire shall not be utilized for waste disposal purposes, and the fuel shall be chosen to minimize the generation of air contaminants.

9) Section 307.4.1.1 is added as follows:

307.4.1.1 Permit. All permits, required by section 105.6.31, shall be requested by and issued to the owner of the land upon which the bonfire is to be kindled.

10) Section 505.3 is added as follows: 505.3 Strip malls. When a strip mall has multiple tenant spaces and a dedicated sprinkler control/fire alarm room, the room shall have its own street address.

11) Section 901. 4.2. 1 is added as follows: 901. 4.2. 1 Discontinuance of use. All non-required fire protection systems shall be approved for discontinuance upon written approval of both the fire protection district and the building code official after inspection of the premises and system.

12) Section 903.2. 11. 1 number 3. is added as follows:

903.2. 11. 1 Stories without openings. 3. An interior stairway that conforms to requirements of Section 1005 with a fire separation assembly enclosure of not less than 1 hour, which has a door directly to the exterior and the stairway does not connect more than 2 stories. The basement or windowless story floor level shall be 15 feet (4572 mm) or less vertically from the exterior door threshold level and the door threshold shall be within 10 feet (3048 mm) of grade. Interior stair doors or openings shall be provided in each 50 linear feet (15240 mm) or fraction thereof on at least one side of the basement or windowless story.

13) Section 903.3.9 is added as follows:

903.3.9 Interior control valves. A fire protection district official may require interior control valves to be installed to isolate occupancies that share a fire suppression system. Where valves are installed in a system, valves shall be supervised or locked in the " open " position.

14) Section 903.3. 10 is added as follows:

903.3. 10 Exterior Control valves. All exterior fire suppression control valves shall have an exterior Indicator Valve (PIV or WPIV) provided in a location approved by the fire code official. Valves shall be locked in the " open position".

15) 903.4.2.1 is added as follows:

903.4.2. 1 Strip malls. Strip malls shall provide individual tenant space notification to comply with IFC 907.1.

16) 907.1.2.1 is added as follows:

907.1.2.1 Qualifications. Shop drawings for fire alarm systems shall be prepared by one of the following:

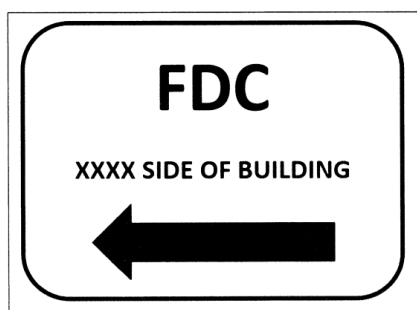
- 1) An Illinois licensed Professional Engineer with formal training in fire alarm layout/design.
- 2) A holder of a valid NICET level III or higher certification in Fire Alarm System Layout, who is either employed by or hired by the fire alarm installation contractor.

17) Section 907. 1. 4 is added as follows:

907.1.4 Strip malls. Fire alarm systems shall be capable of identifying a fire alarm device activation or waterflow device activation in each tenant space. An audio/visual device shall be provided at the front entrance to each tenant space, and back door (when applicable) to identify the location of an activated device(s).

18) Section 912.2.2 is amended as follows:

912.2.2 Existing buildings. On existing buildings, wherever the fire department connection is not visible to approaching fire apparatus, the fire department connection shall be indicated by an approved sign mounted on the street front or on the side of the building. Such sign shall be reflective and constructed of material designed to resist weathering. The sign shall have a white background with all lettering and graphics red in color. The sign shall have the letters "FDC" not less than 6 inches (152 mm) high and words in letters not less than 2 inches (51 mm) high or an arrow to indicate the location not less than 3 inches (75 mm) high. Such signs shall be subject to the approval of the fire code official.



19) Section 912.6 is deleted and replaced as follows:

912.6 Backflow protection. A water supply serving a fire suppression system shall be protected against backflow with a Reduced Pressure Zone (RPZ) backflow device and comply with the requirements of Illinois Plumbing Code.

20) Section 1008.3.3 Rooms and Spaces is amended as follows:

1008.3.3 Rooms and Spaces. In the event of power supply failure, an emergency electrical system shall automatically illuminate all of the following areas: 1. Electrical equipment rooms 2. Fire command centers 3. Fire pump rooms 4. Generator rooms 5. All bathrooms

21) Section 5601.2.2 is amended as follows:

5601.2.2 Sale and retail display. Persons shall not construct a retail display nor offer for sale explosives or explosive materials.

22) Section 5608. 1 is amended as follows:

5608. 1 General. Outdoor fireworks displays, use of pyrotechnics before a proximate audience and pyrotechnic special effects in motion picture, television, theatrical and group entertainments productions shall comply with Section 5608.2 through 5608. 10 and NFPA 1123, 1126 and all requirements of the Illinois Office of the State Fire Marshal (OSFM).

- 23) Appendix B " Fire-Flow Requirements for Buildings" is added as part of this Code.
- 24) Appendix C " Fire Hydrant Locations and Distribution" is added as part of this Code.
- 25) Appendix D " Fire Apparatus Roads" is added as part of this Code.
- 26) Appendix F " Hazard Ranking" is added as part of this Code.
- 27) Appendix H" Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions" is added as part of this Code.

National Fire Protection Association' s National Fire Code amended as follows:

28) Section 42- 109 shall be amended as follows:

Section 42- 109. Districts where storage of flammable liquids in aboveground tanks, bulk storage of LP gas, storage of explosives and blasting agents restricted. The limitations referred to in Chapters 33, 34, and 36 of the International Fire Code hereby adopted, in which storage of explosives and blasting agents are prohibited, are hereby established as follows:

All areas zoned commercial or industrial, and all property used as or occupied by schools, churches, clubs, halls, theaters or public meeting places.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE IX. LIFE SAFETY CODE

100.9-1. ADOPTED.

100.9-2. AMENDMENTS.

100.9-1. ADOPTED.

The “*NFPA 101, Life Safety Code, Edition 2015*”, as published by the National Fire Protection Association is hereby adopted by reference and set forth fully in this section as the Life Safety Code of the Village of Machesney Park and shall regulate and govern the conditions and maintenance of all property, buildings, and structures, by providing minimum requirements, with due regard to function, for the design, operation, and maintenance of buildings and structures necessary to minimize danger to life from the effects of fire. A copy of the NFPA 101 Life Safety Code, Edition 2015, has been filed in the office of the Village Clerk for use and examination by the public.

100.9-2. AMENDMENTS.

The International Fire Code, Edition 2015, as adopted in Section 100.9-1, is hereby amended as follows:

1) Section 1. 1. 1 as amended as follows:

1. 1. 1 Title. NFPA 101, Life Safety Code, shall be known as the Life Safety Code of the Village of Machesney Park, State of Illinois, is cited as such and shall be referred to herein as " this Code" or "the Code".

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE X. EXISTING BUILDING CODE

100.10-1. ADOPTED.

100.10-2. AMENDMENTS.

100.10-1. ADOPTED.

The “*International Existing Building Code, Edition 2015*”, as published by the International Code Council is hereby adopted by reference and set forth fully in this section as the Existing Building Code of the Village of Machesney Park and shall regulate and govern the repair, alteration change of occupancy, addition and relocation of existing buildings, including historic buildings as herein provided. A copy of the ICC International Existing Building Code, Edition 2015, has been filed in the office of the Village Clerk for use and examination by the public.

100.10-2. AMENDMENTS.

The ICC International Existing Building Code, Edition 2015, as adopted in Section 100.10-1, is hereby amended as follows:

1) Section 101. 1 shall be revised as follows:

101.1 Title. These regulations shall be known as the Existing Building Code of the Village of Machesney Park, hereinafter referred to as "this code".

2) Section 410 is deleted in its entirety and replaced with the following:

SECTION 410

ACCESSIBILITY FOR EXISTING BUILDINGS

410. 1 Scope. Accessibility for existing buildings shall comply with the applicable provisions of the Illinois Accessibility

3) Section 705 is deleted and replaced with the following:

SECTION 705

ACCESSIBILITY

705. 1 General. A building, facility or element that is altered shall comply with the applicable provisions of the Illinois Accessibility Code.

4) Section 806 is deleted and replaced as follows:

SECTION 806

ACCESSIBILITY

806.1 General. A building, facility or element that is altered shall comply with the applicable provisions of the Illinois Accessibility Code.

5) Section 906 is deleted and replaced with the following:

SECTION 906

ACCESSIBILITY

906. 1 General. A building, facility or element that is altered shall comply with the applicable provisions of the Illinois Accessibility Code.

6) Section 1012.8 is deleted and replaced with the following:
1012.8 Accessibility. A building, facility or element that is undergoing a change of occupancy shall comply with the applicable provisions of the Illinois Accessibility Code.

7) Section 1105 is deleted and replaced with the following:

SECTION 1105

ACCESSIBILITY

1105.1. Minimum requirements. Additions shall comply with the applicable provisions of the Illinois Accessibility Code.

8) Section 1204 is deleted and replaced with the following:

SECTION 1204

ACCESSIBILITY

1204.1. Accessibility requirements. A building, facility or element that is altered shall comply with the applicable provisions of the Illinois Accessibility Code.

9) Section 1205. 15 is deleted and replaced with the following:

1205.15 Accessibility requirements. A building, facility or element that is undergoing a change of occupancy shall comply with the applicable provisions of the Illinois Accessibility Code.

10) 1401.2 is amended as follows:

1401.2 Applicability. Structures existing prior to August 6, 1951, (rest of section remains unchanged)

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE XI. PROPERTY MAINTENANCE CODE

100.11-1. ADOPTED.

100.11-2. AMENDMENTS.

100.11-1. ADOPTED.

The “*International Property Maintenance Code, Edition 2015*”, as published by the International Code Council, is hereby adopted by reference and set forth fully in this section as the Property Maintenance Code of the Village of Machesney Park and shall regulate and govern the conditions and maintenance of all property, buildings, and structures by providing the standards for supplied utilities and facilities and other physical things and conditions essential to ensure that structures are safe, sanitary and fit for occupation and use; and the condemnation of buildings and structures unfit for human occupancy and use, the demolition of such existing structures as herein provided. A copy of the ICC International Property Maintenance Code, Edition 2015, has been filed in the office of the Village Clerk for use and examination by the public.

100.11-2. AMENDMENTS.

The ICC International Property Maintenance Code, Edition 2015, as adopted in Section 100.11-1, is hereby amended as follows:

1) Section 101.1 is amended as follows:

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

2) Section 107.3 is hereby deleted and replaced as follows:

107.3 Method of Service. Such notice shall be deemed to be properly served if a copy thereof is:

1. Delivered to the owner personally; or
2. Sent by first class mail, postage prepaid, to the owner at the last known address; or
3. Sent by certified mail, postage prepaid, addressed to the owner at the last known address with return receipt requested, if required by State law.

3) Section 109.1 is amended as follows:

109.1 Imminent danger. When, in the opinion of the code official, there is imminent danger of failure or collapse of a building or structure which endangers life, or when any structure or part of a structure has fallen and life is endangered by the occupation of the structure, or when there is actual or potential danger to the building occupants or those in the proximity of any structure because of explosives, explosive fumes or vapors or the presence of toxic fumes, gases or materials, or operation of defective or dangerous equipment or when the structure is unfit for human habitation, the code official is hereby authorized and empowered to order and require the occupants to vacate the premises forthwith. The code official shall cause to be posted at the primary entrance to such structure a notice of condemnation. It shall be unlawful for any person to enter such structure except for the purpose of securing the structure, making the required repairs, removing the hazardous condition or of demolishing the same.

4) Section 110.1 is amended as follows:

110.1 General. The code official shall order the owner of any premises upon which is located any structure, which in the code official judgment after review is so deteriorated or dilapidated or has become so out of repair as to be dangerous, unsafe, unsanitary or otherwise unfit for human habitation or occupancy, and such that it is unreasonable to repair the structure, to demolish and remove such structure; or if such structure is capable of being made safe by repairs, to repair and make safe and sanitary, or to secure the structure and hold for future repair or to demolish and remove at the owner's option; or where there has been a cessation of normal construction of any structure for a period of more than two years, the code official shall order the owner to demolish and remove such structure, or secure the structure until future repair. Boarding the building up shall be treated only as a temporary safeguard and shall not extend beyond 60 days, unless approved by the code official.

5) Section 110.3 is amended as follows:

110.3 Failure to comply. In accordance with State of Illinois Compiled Statutes Chapter 65 Section 5/11-31-1, if the owner of a premises fails to comply with a demolition order within the time prescribed, the code official shall cause the structure to be demolished and removed, either through an available public agency or by contract or arrangement with private persons, and the cost of such demolition and removal shall be charged against the real estate upon which the structure is located and a lien shall be placed upon such real estate.

6) Section 202 is amended as follows:

Add the Following Definition:

DEBRIS. Materials which are placed outside in a haphazard manner, which may create rodent and pest harborage, or items which are not intended or customarily stored outdoors and which if left exposed and unprotected from the elements have, or potentially will, deteriorate by reason of vandalism, moisture and exposure. Such materials can include rubbish and items which might otherwise be considered useable such as furniture, appliances, boards intended for interior use, cardboard boxes of items, clothing, dishes, machinery, and so forth.

7) Section 302. 1 is amended as follows:

302.1 Sanitation. All exterior property and premises shall be maintained in a clean, safe and sanitary condition and free from any accumulation of rubbish or garbage. The occupant shall keep that part of the exterior property which such occupant occupies or controls in a clean and sanitary condition. The Code Official may order the removal of garbage, debris and rubbish/refuse in accordance with Illinois Compiled Statutes, Chapter 65, Section 5/11-20-13. When, accumulation of garbage, debris and rubbish/refuse endangers the public health and safety or when there is actual or potential danger in the proximity of dwellings and/or the public right-of-way, the code official may cause the removal of such garbage or debris, either through an available public agency or by contract or arrangement with private persons, and the cost of such removal shall be charged against the real estate upon which the garbage and debris is located.

8) Section 302.4 is deleted and replaced as follows:

302.4 Weeds. All premises and exterior property shall be maintained free from weeds or plant growth in excess of 7 inches (179 mm). All noxious weeds shall be prohibited. Weeds shall be defined as all grasses, annual plants, vegetation, overgrowth, and underbrush other than trees or shrubs provided; however, this term shall not include cultivated crops, flowers and gardens. Enforcement of this provision shall be as provided in this Code, and in Article VII, of the Village of Machesney Park Code of Ordinances, and the provisions of Illinois Compiled Statutes, Chapter 65, Section 5/11-20-7. The village may pursue any or all of the remedies provided above in enforcement of this provision. When, overgrowth of weeds or plants endangers the public health and safety or when there is actual or potential danger in the proximity of dwellings and/or the public right-of-way, the Code Enforcement Official may cause the cutting of such weeds or plants, either through an available public agency or by contract or arrangement with private persons, and the cost of such cutting shall be charged against the real estate upon which the weeds or plants are located.

9) Section 302.7 is amended as follows:

302.7 Accessory Structures. Accessory structures, including detached garages, fences, sheds, gazebos and retaining walls, shall be maintained structurally sound and in good repair. All garages where a garage door was intended or installed must be provided with an approved and functioning garage door.

10) Section 302.8 is deleted in its entirety [including exception] and replaced as follows:

302.8 Motor vehicles. All inoperable vehicles, whether on public or private property and in plain view of the general public are hereby declared to be a public nuisance pursuant to 65 ILCS 5/11-40-3. In accordance with the procedures outlined in 65 ILCS 5/11-40-3 and 625 ILCS 5/4-201 the abandonment of vehicles is prohibited on public or private property and the Village is authorized to remove such abandoned vehicles.

11) Section 302.8.2 is added as follows:

302.8.2 Vehicles in commercial and industrial areas. Vehicles located in commercial and industrial areas and the storage or repair of vehicles in these areas shall comply with the Village of Machesney Park Zoning Ordinance.

12) Section 302. 10 is added as follows:

302. 10 Cisterns. Pursuant to Illinois Compiled Statutes 65 ILCS 5/ 11- 20- 10, cisterns unused and abandoned shall be filled with clean fill earthen material and sealed with a non-removable cover as prescribed by the Code Official.

13) Section 304.3 is amended as follows:

304.3 Premises identification. Buildings shall have Village of Machesney Park-assigned address numbers, building numbers, or approved building identification placed in a position that is plainly legible and visible from the street or road to which the building is addressed. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or English alphabet letters. Numbers shall be a minimum of 4 inches high when less than 100 feet

from the street, with a minimum stroke width of 0.5 inch (12.7 mm). When over 100 feet and less than 200 feet from the street, the numbers shall be 5 inches (128 mm) high and a minimum stroke width 0.75 inch (19 mm). When over 200 feet from the street, the numbers shall be 7 inches (179 mm) high and a minimum stroke width 0.75 inch (19 mm). Wherever the primary entry doors are visible from the address street, the numbers shall be displayed above, on or adjacent to the primary entry doors. Numbers shall be displayed where they remain visible at all times. Where a building is more than 500 feet from the street, displaying additional numbers on a building identification sign or other approved location near and viewable from the street is encouraged.

14) Section 304. 14 is amended as follows:

304. 14 Insect Screens. During the period from April 1 to November 1 every door, window and other outside opening used, or structure required, for ventilation purposes serving any building containing habitable rooms, food preparation areas, food service areas, or any areas where products to be included or used 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 or screen door used for insect control shall have a self-closing device in good working condition. Exception: Screen doors shall not be required for out-swinging doors or other type of openings which make screening impractical, provided other approved means, such as air curtains or insect repellent fans are employed.

15) Section 308.3.1 is amended as follows:

308.3.1 Garbage facilities. The owner or tenant of every dwelling shall supply one of the following; an approved mechanical food waste grinder in each dwelling unit; or an approved leak proof, covered, outside garbage container.

16) Section 308.4 is added as follows:

308.4 Rubbish, Debris and Garbage on Parkways. No rubbish, debris or garbage shall be disposed of at any site other than those approved by the Village of Machesney Park. Every property shall be required to be served, at the property owners' or tenants' expense, with refuse/garbage removal service through the Village's approved refuse/garbage removal contractor.

17) Section 404.3 Exceptions: 2. is amended as follows:

404.3 Minimum ceiling heights. Exceptions: 2. Basement rooms in one- and two- family dwellings occupied exclusively for bathrooms, toilet rooms, laundry areas, study areas or recreation purposes, having a ceiling height of not less than 6 feet 8 inches (2033 mm) with not less than 6 feet 4 inches (1932 mm) of clear height under beams, girders, ducts and similar obstructions.

18) Section 501. 1 is amended as follows:

501. 1 Scope. The provisions of this chapter and the Illinois State Plumbing Code listed in Chapter 8 shall govern the minimum plumbing systems, facilities and plumbing fixtures to be provided.

19) Section 601. 1 is amended as follows:

601. 1 Scope. The provisions of this chapter, the 2014 National Electrical Code, and the 2015 International Mechanical Code (all as amended) shall govern the minimum mechanical and electrical facilities and equipment to be provided.

20) Section 602.3 shall be deleted and replaced as follows:

602.3 Heat Supply. Every owner and operator of any building who rents, leases or lets one or more dwelling units, rooming units, dormitories or guest rooms on terms, either express or implied, to furnish heat to the occupants thereof shall supply sufficient heat during the period from October 1 to May 1 to maintain a room temperature of not less than 68° F / 20° C in all habitable rooms, bathrooms, and toilet rooms.

21) Section 602.4 is amended as follows:

602.4 Occupiable work spaces. Indoor occupiable work spaces shall be supplied with heat during the period from October 1 to May 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.

22) Section 602.6 is added as follows:

602.6 Primary heat source. For new structures built after the effective date of this Code, or for existing structures which require replacement of an HVAC system after the effective date of this Code, a fireplace or wood burning appliance shall not be allowed as the required primary heat source for a structure.

23) Section 603.3 is amended as follows:

603.3 Clearances. All required clearances to combustible structural or finish materials shall be maintained. Clearances of 36 inches (914 mm) shall be maintained for all other combustibles such as stored materials.

24) Section 603.7 is added as follows:

603. 7 Flue. All fuel-burning equipment and appliances shall be connected to an approved chimney or vent. When a water heater is connected to a chimney or vent with a furnace, the water heater shall not be connected below the furnace vent connection. Exception: Fuel-burning equipment and appliances, which are labeled for unvented operation.

25) Section 604. 1 is amended as follows:

604. 1 Facilities required. Every occupied building shall be provided with an electrical system in compliance with the requirements of this section, Section 605 and local amendments.

26) Section 604.2. 1 shall be added as follows:

604.2. 1 Minimum service requirements one- and two-family dwelling. If Edison base fuses are in use in the existing panel(s), and there is evidence of over-fusing, the fuses must be replaced with fuse adapters of the " S" type, and" S" type fuses must be installed. When installing a new service in an existing single-family dwelling, or replacing or repairing any part of the existing service equipment, a minimum 3- wire 100 ampere 120/ 240 volt service shall be required to be installed, with a minimum panel size of 16 spaces. The entire service shall be brought up to all the current code standards adopted by the Village of Machesney Park. Exception: Replacement or addition of a branch-circuit overcurrent protective device.

27) Section 604.2.2 shall be added as follows:

604.2.2 Minimum service requirements—multi-family dwelling. For existing multi-family services no more than two 60 ampere main disconnects shall be allowed on a 100 ampere service, and no more than four 60 ampere main disconnects and one 30 ampere house main disconnect shall be allowed on a 200 ampere service. A panel designated for a specific unit shall serve no other units. If Edison base fuses are in use in the existing panel (s), and there is evidence of over-fusing, the fuses must be replaced with fuse adapters of the " S" type, and" S" type fuses must be installed. When replacing or installing any part of the electrical service in an existing multi-family dwelling, the entire service shall be brought up to all the current code standards adopted by the Village of Machesney Park. The minimum panel size allowed shall be 12 spaces if that number of spaces is adequate to serve the amount of required circuits in the apartment. Exception: Replacement or addition of a branch- circuit overcurrent protective device.

28) Section 604.2.3 shall be added as follows:

604.2.3 Main Disconnecting Means. Main disconnecting means and overcurrent protective devices shall be accessible to each tenant of a multi-family building. Overcurrent devices such as fuses or breakers shall be used to protect branch circuit conductors.

29) Section 604.2.4 shall be added as follows:

604.2.4 Service grounding. A jumper shall be installed around the water meter. The grounded conductor at the main disconnecting means shall be bonded to water pipe within 5 feet (1524 mm) of the point of entry of the main water service pipe.

30) Section 605.1. 1 shall be added as follows:

605. 1. 1 Electrical equipment, wiring, and appliances. No structure shall be deemed to comply with the requirements of this article relating to electrical equipment, wiring, and appliances unless:

- a) Exposed wire. Any exposed knob- and-tube wire has insulation that is in good condition and is properly protected as required by NEC Article 394.
- b) Short circuit. No short circuit or break exists in any electrical conductor.
- c) Shock hazard. No obvious shock hazard exists.
- d) Overload. No circuit shall be overloaded as a result of connecting equipment or appliances to outlets supplied with wire of inadequate size.

e) Overcurrent protection. Branch circuits shall be protected by breakers or fuses of the proper rating for the wire size, and shall not feed more than 10 outlets.

f) Devices. Every fixture, receptacle, switch and junction box shall be securely and properly fastened in position.

g) Maintenance and in good condition. Every fixture, receptacle, and switch shall be properly maintained in workable and safe condition (including proper covers or enclosures), securely fastened to box, and shall be connected to source of electrical power in a safe manner.

h) Exposed noncurrent-carrying metal parts grounded. All exposed noncurrent-carrying metal parts of the electrical system that are within eight feet (2438 mm) vertically or five feet (1524 mm) horizontally of ground, or a grounded metal object subject to contact by persons, shall be grounded.

31) Section 605.2. 1 shall be added as follows:

605.2. 1 Receptacle outlets in dwellings. Receptacle outlets are required in the following locations:

a) Laundry areas shall have a grounded receptacle within six feet (1829 mm) of the laundry tub. Receptacles mounted on the ceiling do not fulfill this requirement.

b) Bathroom receptacles shall be installed adjacent to the sink. A receptacle outlet shall not be installed within tub or shower perimeter. All bathroom receptacles shall have ground fault circuit interrupter protection.

c) Kitchens: a minimum of three duplex wall receptacles are required with two accessible for appliance use. All existing receptacles serving an appliance with a factory installed grounded plug, or serving countertop spaces, shall be properly grounded.

d) All receptacle outlets which are added or replaced in bathrooms, kitchens, unfinished basements, garages, open porches, breezeways, or other locations used by a person standing on the ground or on grounding conductive materials shall be on a grounded system and shall have ground fault circuit interrupter protection.

e) No receptacle shall be installed in the floor, unless it has an approved box and cover for in-floor use.

32) Section 605.3 shall be amended as follows:

605.3 Luminaires. Every public hall, interior stairway, toilet room, kitchen, bathroom, laundry room, boiler room, furnace room, utility room, and within 6' of any electrical service panel shall contain not less than one electric luminaire. Pool and spa luminaires over 15V shall have ground fault circuit interrupter protection.

33) Section 605.3. 1 shall be added as follows:

605.3.1. Hall and stairway lighting in multiple dwellings. Every hall and stairway in every multiple dwelling containing five (5) or more units shall be adequately lighted at all times. All multiple dwellings containing four (4) or less units may have conveniently located light switches controlling an adequate lighting system instead of full-time lighting. All exterior stairs shall be adequately lighted and shall be controlled by conveniently located light switches that have been permanently installed.

34) Section 605.4 shall be added as follows:

605.4 Wall switches, stairways and exterior exits. Permanently mounted wall switches to control a luminaire shall be provided in the following locations:

- a) On the interior side of all exterior doorway entrances, unless an automatic means of switching is provided on the outside.
- b) All stairways. If the stairway consists of six or more risers, a three- way switch must be installed at the top and bottom of the stairway.

35) Section 605.5 shall be added as follows:

605.5 Wall switches, other rooms. Permanently mounted wall switches at the point of entry to the room to control a lighting outlet within the room shall be provided in the following locations:

- a) In all bathrooms to control a luminaire. Switches shall be installed so as not to be within tub or shower perimeter.
- b) In kitchens to control a luminaire.
- c) In all habitable rooms to control a luminaire or receptacle.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE XII. POOL AND SPA CODE

100.12-1. ADOPTED.

100.12-2. AMENDMENTS.

100.12-1. ADOPTED.

The “*International Swimming Pool and Spa Code, Edition 2015*”, as published by the International Code Council, is hereby adopted by reference and set forth fully in this section as the Pool and Spa Code of the Village of Machesney Park and shall regulate and govern the design, construction, alteration, movement, renovation, replacement, repair and maintenance of swimming pools, spas, hot tubs, aquatic facilities and related equipment as herein provided. A copy of the ICC International Swimming Pool and Spa Code, Edition 2015, has been filed in the office of the Village Clerk for use and examination by the public.

100.12-2. AMENDMENTS.

The ICC International Swimming Pool and Spa Code, Edition 2015, as adopted in Section 100.12-1, is hereby amended as follows:

1) Section 101. 1 shall be amended as follows:

101.1 Title. These regulations shall be known as the International Swimming Pool and Spa Code of the Village of Machesney Park, hereinafter referred to as "this code".

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE XIII. FUEL GAS CODE

100.13-1. ADOPTED.

100.13-2. AMENDMENTS.

100.13-1. ADOPTED.

The “*International Fuel Gas Code, Edition 2015*”, including Appendices A, B, C, and D, as published by the International Code Council, is hereby adopted by reference and set forth fully in this section as the Fuel Gas Code of the Village of Machesney Park and shall regulate and govern fuel gas systems and gas-fired appliances as herein provided. A copy of the ICC International Fuel Gas Code, Edition 2015, has been filed in the office of the Village Clerk for use and examination by the public.

100.13-2. AMENDMENTS.

The ICC International Fuel Gas Code, Edition 2015, as adopted in Section 100.13-1, is hereby amended as follows:

1) Section 101. 1 shall be amended as follows:

101.1 Title. These regulations shall be known as the Fuel Gas Code of the Village of Machesney Park, hereinafter referred to as "this code".

2) Section 106.5. 1 shall be deleted and replaced as follows:

106.5.1 Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fees established by the Village Board in the adopted fee schedule shall be doubled and not less than \$ 250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees shall be tripled and not less than \$750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the Village of Machesney Park Community Development Department as permitted by state law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

3) Section 106.4. 7 is added as follows:

106.4.7 Posting Permit. The permit holder shall post the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a re-inspection fee when the permit is not posted.

4) Section 402.6 is amended as follows: 402.6 Maximum Design Operating Pressure. The maximum design operating pressure for piping systems 1 pound per square inch gauge (psig)

(34kPa gauge) or greater shall be welded.

5) Section 403. 10.4, 1 is amended as follows:

1. Threaded fittings in sizes larger than 2 inches shall not be used.

6) Section 404.2. 1 is added as follows:

404.2. 1 Prohibited use. Corrugated stainless steel tubing (CSST) shall not be installed outdoors.

7) Section 404.3. 1 is added as follows:

404.3. 1 Prohibited Use Underground. Corrugated stainless steel tubing (CSST) shall not be used underground.

8) Section 404.9. 1 is added as follows:

404.9. 1 Roof locations. Gas piping installed on roof surfaces shall be painted yellow. Paint and application method shall be approved by the code official.

9) Section 404.13. 1 is added as follows:

404.13.1 Separation. Exterior gas piping and electric lines underground shall be horizontally separated a minimum of 12" (304mm).

10) Section 409.4.1 is added as follows:

409.4. 1 Service Valves. Service valves installed within 24" (61 cm) of the regulator, shall have no more than three screwed connections.

11) Section 503.5.5 - 4 is replaced as follows:

4. For sizing a chimney venting system connected to appliances using mechanical draft, the effective area of the chimney flue shall not be greater than two sizes over the effective area required for the appliances.

12) Appendix A " SIZING AND CAPACITIES OF GAS PIPING" is added as part of this Code

13) Appendix B " SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS (IFGS)" is added as part of this Code.

14) Appendix C " EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS (IFGS)" is added as part of this Code.

15) Appendix D " RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION (IFGS)" is added as part of this Code.

CHAPTER 100 BUILDINGS AND BUILDING REGULATIONS

ARTICLE XIV. PERFORMANCE CODE FOR BUILDINGS AND FACILITIES

100.14-1. ADOPTED.

100.14-1. ADOPTED.

The “*Performance Code for Buildings and Facilities, Edition 2015*”, as published by the International Code Council, is hereby adopted by reference and set forth fully in this section as the Performance Code for Buildings and Facilities of the Village of Machesney Park and shall regulate and govern the performance-based design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of buildings and/or fire protection systems as herein provided. A copy of the ICC Performance Code for Buildings and Facilities, Edition 2015, has been filed in the office of the Village Clerk for use and examination by the public.