

CHAPTER 6.

THE ADDISON BUILDING CODE

(Amended in its Entirety by Ord. 01-110; Ord.13-67; Ord.18-27)

Article 1. General Provisions.

- §6-100. Purpose.
- §6-101. Adoption of Codes.
- §6-102. Copies of Codes.
- §6-103. References to the Village in Codes.
- §6-104. Definitions.
- §6-105. Amendments and Supplements to Codes.

Article 2. Administration.

- §6-201. Building Permit Processing and Approval.
- §6-202. Recorded Property.
- §6-203. Water Supply and Sewage Treatment.
- §6-204. Licensed Professionals.
- §6-205. Certificate of Compliance with Code.
- §6-206. Work Exempted from Permit.
- §6-207. Permit Cards.
- §6-208. Existing Building Remodeling, Alterations and Additions.
- §6-209. Time Limitation of Application.
- §6-210. Means of Appeal.

Article 3. Types of Inspections, Surveys, Tests.

- §6-301. Inspections – Surveys.
- §6-302. Reinspection.
- §6-303. Reinspection Fee.

Article 4. Fees.

- §6-401. Payment of Fees.
- §6-402. Single Family Residential – Detached.
- §6-403. Single Family Residential – Attached.
- §6-404. Multi-Family Residential.
- §6-405. Non-Residential.
- §6-406. Addison Fire District Fees.
- §6-407. Security Deposit / Performance Guaranty.

Article 5. Fire Protection.

- §6-501. Fire Lanes.
- §6-502. Deflagration Venting, Marking and Identification.
- §6-503. Aboveground Liquefied Petroleum Gases.

- §6-504. Aboveground Flammable/Combustible Liquid Storage Tanks.
- §6-505. Fire Suppression.
- §6-506. Water Control Valves.
- §6-507. Standpipes.
- §6-508. Riser Pipe Sizes.
- §6-509. Fire Department Connections.
- §6-510. Strobe and Bells.
- §6-511. Key Box.
- §6-512. Bulk Liquid CO2.
- §6-513. Carbon Monoxide Alarms.
- §6-514. Fire Protection Maintenance.

Article 6. Elevators.

- §6-601. Access.
- §6-602. Accessibility.
- §6-603. Certificate of Compliance.
- §6-604. Car Size.
- §6-605. Machine Rooms, Control Rooms, Machinery Spaces and Control Spaces.
- §6-606. Standardized Fire Service Elevator Keys.
- §6-607. Personnel and Material Hoists.

Article 7. Plumbing Code.

- §6-701. Illinois Plumbing Code Adopted.
- §6-702. Water Conservation Practices.
- §6-703. Sewer and/or Water Required.
- §6-704. Water Service Pipe Installation.
- §6-705. Water Supply Control Valves and Meter.
- §6-706. Water Service Pipe Sizing.
- §6-707. Sanitary Waste Below Sewer.
- §6-708. Water Heaters.
- §6-709. Building Drain.
- §6-710. Approved Materials for Building Drainage/Vent Pipe.
- §6-711. Approved Materials for Building Sewer Pipe.
- §6-712. Approved Materials for Water Service Pipe.
- §6-713. Approved Materials for Water Distribution Pipe.

Article 8. Electric.

- §6-801. Single Family Dwelling.
- §6-802. Multiple Family Dwelling.
- §6-803. Electrical Services.
- §6-804. Electrical Conductors.
- §6-805. Electrical Conduit.
- §6-806. Detached Garages.
- §6-807. Underground Conductors.

Article 9. Foundations.

- §6-901. Residential.
- §6-902. Minimum Thickness.
- §6-903. Frost Depth.
- §6-904. Wing Walls.
- §6-905. Prohibited Foundations.

Article 10. Residential Uses.

- §6-1001. Prohibited Residential Uses.

Article 11. Vacant and Damaged Buildings.

- § 6-1101. Vacant Buildings or Units.
- §6-1102. Damaged Buildings or Units.
- §6-1103. Permit Required for Securing a Building.
- §6-1104. Abatement Authority.

Article 12. Accessory Structures.

- §6-1201. Fences.
- §6-1202. Detached Garages.
- §6-1203. Micro/Mini Cell Sites.
- §6-1204. Swimming Pools.
- §6-1205. Demolition of In-Ground Swimming Pools

Article 13. Miscellaneous.

- §6-1301. Display of Address.
- §6-1302. Sound Transmission.
- §6-1303. Minimum Exterior Finish Requirements.
- §6-1304. Car Wash Facilities.
- §6-1305. Roof Drains, Conductors and Leaders.
- §6-1306. Construction and Operation of Fire and Law Enforcement Training Facilities.

Article 14. Cross Connection Control.

- §6-1400. Cross-Connection Control.
- §6-1401. Definitions.
- §6-1402. Reserved for future use.
- §6-1403. Water System Defined.
- §6-1404. Cross-connection Prohibited.
- §6-1405. Survey and Investigation.
- §6-1406. Prevention of Backflow.
- §6-1407. Where Protection is Required.
- §6-1408. Reserved for future use.
- §6-1409. Fire Safety Systems.

- §6-1410. Backflow Prevention Devices.
- §6-1411. Inspection and Maintenance.
- §6-1412. Booster Pumps.
- §6-1413. Violations.

Article 15. Penalties.

- §6-1500. Enforcement – Penalties.

Article 1. General Provisions.

Sec. 6-100. Purpose.

The purpose of this Chapter is to establish the minimum regulations governing the design, construction, alteration, enlargement, repair, demolition, removal, maintenance and use of all buildings and structures, providing for the issuance of permits, collection of fees, making inspections; providing penalties for the violations thereof; and declaring and establishing other safety-related matters.

Sec. 6-101. Adoption of Codes.

There are hereby adopted, for the above-mentioned purpose, the following Codes, which shall be the Code of the Village of Addison, except as hereinafter supplemented or amended by Articles 1 through 15 hereof:

- (A) The International Building Code – 2018 including Appendices C, F, I, K, excluding Chapters 11 and 29.
- (B) The International Residential Code – 2018 including Appendices A, B, C, E, F, G, H, J, K, M, O excluding Chapters 25 through 33.
- (C) The International Existing Building Code – 2018.
- (D) The International Fuel Gas Code – 2018 including Appendices A, B and C.
- (E) The International Mechanical Code – 2018 including Appendix A.
- (F) The International Fire Code – 2018 including Appendices B, C, D, E, F, G, H, I, J and N.
- (G) The Illinois Energy Conservation Code, as published by the State of Illinois.
- (H) The International Energy Conservation Code – 2018.
- (I) The National Electrical Code – 2017, NFPA 70.
- (J) The Illinois Accessibility Code – 2018, as published by the State of Illinois Capital Development Board. (Ord. 22-15)

- (K) The Illinois Plumbing Code – 2014, as published by the State of Illinois.
- (L) The following conveyance standards adopted by the State of Illinois as now existing or hereafter amended:
 - Elevator Safety and Regulation Act (225 ILC 312)
 - Safety Code for Elevators and Escalators (ASME A17.1/CSA B44)
 - Performance-Based Safety Code for Elevators and Escalators (ASME A17.1/CSA B44.7)
 - Guide for Inspection of Elevators, Escalators, and Moving Walks (ASME A17.2)
 - Safety Code for Existing Elevators and Escalators (ASME A17.3)
 - Safety Standard for Platform Lifts and Stairway Chairlifts (ASME A18.1)
 - Standard for the Qualification of Elevator Inspectors (ASME QEI-1)
 - Safety Requirements for Personnel Hoists and Employee Elevators (ANSI A10.4)
 - Automated People Mover Standards (ASCE 21)
 - Safety Requirements for Industrial Scissors Lifts (ANSI MH29.1)
- (M) The International Property Maintenance Code – 2018, including Appendix A when authorized in writing by the Building Official.
- (N) International Swimming Pool and Spa Code – 2018.

Except as otherwise amended or supplemented by Articles 1 through 15 of this Chapter, each and all of the regulations, provisions, penalties, conditions and terms of said Codes as hereby referred to shall be and are hereby adopted and made a part hereof as though said Codes were fully set out in this Chapter.

Sec. 6-102. Copies of Codes.

Pursuant to 65 ILCS 5/1-3-2, at least three (3) copies of each Code shall be filed in the Office of the Village Clerk for public use, inspection and examination.

Sec. 6-103. References to the Village in Codes.

Whenever the term "name of jurisdiction" or similar term appears in any of the Codes, said term shall be and mean the Village of Addison, DuPage County, Illinois.

Sec. 6-104. Definitions.

Whenever the following terms appear in any of the Codes, the definitions set forth hereinafter shall apply:

- (A) **Building Official/Code Official/Fire Official:** The Director of Community Development shall be known as the Building Official/Code Official/Fire Official. The duties of the Fire Chief of the Addison Fire Protection District to enforce the adopted and mandated regulations as adopted by the Village of Addison remain in effect as required by the applicable State Statutes.
- (B) **Building – Damaged:** Any building that has been damaged by fire, weather, vandalism or other method whether occupied or unoccupied.
- (C) **Building – Vacant:** Any building approved for occupancy that is unoccupied or occupied by unauthorized persons whether unsecured or boarded.
- (D) **Clean Agent System:** A specialty extinguishing system to protect hazardous areas where water can be detrimental. A clean agent system does not replace the requirements for a full fire suppression system.
- (E) **Deputy:** The Building Official is authorized to designate an employee of the Community Development Department as Deputy Building Official who shall exercise all code related powers of the Building Official during the temporary absence or disability of the Building Official or as directed by the Building Official.
- (F) **Fire Alarm System:** A system consisting of audio/visual devices, manual pull stations, mass notification systems designed for occupant announcements.
- (G) **Fire Department or Fire Protection District:** The Addison Fire Protection District Number 1.
- (H) **Fire Detection System:** A system consisting of a series of smoke detectors, heat detectors, or spark/flame detectors designed as an early warning system in case of fire.
- (I) **Fire Protection Signaling System:** A connection of a building fire alarm to a monitoring service.
- (J) **Fire Suppression System:** An automatic sprinkler or other system designed to control/extinguish a fire.
- (K) **Inspection – Partial:** A field check of only part of a scheduled inspection, usually to allow a portion of a certain phase to be checked without approving the entire phase.
- (L) **Initial Inspection:** The initial field check of a certain phase or phases of work.
- (M) **Outdoor Activity – Major Event:** Any outdoor activity that will have multiple vendors or is a carnival, circus, haunted house, flea market or other attraction for the general public.
- (N) **Outdoor Activity – Minor Event:** Any outdoor activity having a single vendor, a single business or limited access by the public. Examples: activities of a religious

organization, grand opening of a small business or a one-day promotional event. Private events, held on private properties, not intended for participation by the general public are exempt.

- (O) **Reinspection:** A follow-up field check of work already inspected that failed to achieve complete approval, including checks for construction only partially completed.

Sec. 6-105. Amendments and Supplements to Codes.

To the extent of any conflict between the provisions, terms or regulations set forth in any of the codes adopted hereby and the amendments and supplements set forth hereinafter in Articles 1 through 15, the more stringent provision, term or regulation, as determined by the Building Official in his/her reasonable discretion, shall control. All of the plumbing and handicapped standards of the International Codes shall be inapplicable and only those standards of the Addison Building Code, the current Illinois Plumbing Code and the current Illinois Accessibility Code shall be utilized.

Article 2. Administration.

Sec. 6-201. Building Permit Processing and Approval.

1. (A) Nothing in this Code shall require changes in the plans, construction or designated use of a building or structure or portion thereof for which a lawful permit has been heretofore issued or which has been otherwise lawfully authorized, and the construction of which shall have been actually begun within ninety (90) days after this Code becomes effective and which entire building, structure or improvement shall be completed, as authorized, within the time designated by the Building Official.
- (B) Permits that have been applied for within a 90-day period preceding the adoption of this Code shall not be required to change such plans for compliance with this Code, if revisions or corrections or the issuance of the permit is within the time frames required.
- (C) Projects for multiple buildings and repetitious designs may continue to comply with the existing standards if applied within sixty (60) days of this adoption of this Code.
- (D) All work required to be approved through a building permit must be completed within the time frame designated on the permit conditions, through the permit approval process. Every permit issued shall become invalid unless the work authorized by such permit is commenced within ninety (90) days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of ninety (90) days after the time the work is commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than thirty (30) days each unless additional time is granted by the Building Official. The extension shall be requested in writing and a justifiable

cause demonstrated.

- (E) Extensions to expired permits will not be considered once citations have been written for the enforcement of the same and until the legal process has been completed.
 - (F) Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical or plumbing system, the installation of which is regulated by this Code, or to cause any such work to be done, shall first make application to the Building Official and obtain the required permit. Performance of any work without first having obtained the required permit shall be deemed a violation of this Chapter and subject to penalties as prescribed in this Chapter.
2. (A) Whenever the Building Official finds any work regulated by this Chapter being performed in a manner either contrary to the provisions of this Chapter or dangerous or unsafe, the Building Official is authorized to issue a stop work order.
- (B) 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. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.
- (C) Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed in this Chapter.
3. In addition to any penalties prescribed in this Chapter, any person who has performed any work without having first obtained the required permit shall be required to (a) obtain such permit and (b) pay twice the amount of the required permit fee before continuing to perform any work. (Ord. 22-15)

Sec. 6-202. Recorded Property.

At the time of applying for a permit for the erection of, alteration of, addition to, change of occupancy, moving or demolition of any building or structure, the applicant shall submit to the Building Official the required number of copies adequate for the complete plan review process, a plat of survey of the lot by an Illinois Registered Land Surveyor showing the dimensions of the same and the position to be occupied by the proposed building, or by the building to be altered or added to, or by the building to be moved thereon, and the position of any other buildings or structures that may be on the lot. No permit may be issued until satisfactory proof has been submitted that the site is a single lot and the same has been properly recorded.

Sec. 6-203. Water Supply and Sewage Treatment.

No permit may be issued until satisfactory proof has been submitted that approved water supply and sewage treatment facilities are available and will be connected to as part of the project being authorized and that all private wells and septic systems, no longer authorized, are eliminated in an approved manner.

Sec. 6-204. Licensed Professionals.

No plans shall be approved for permit unless such plans are signed and sealed either by an architect licensed to practice architecture, as provided by the Illinois Architectural Act, or a structural engineer licensed to practice structural engineering, as provided by the Illinois Structural Engineer Act, or by a registered professional engineer licensed to practice professional engineering as provided by the Illinois Professional Engineering Act. In addition, plans for all new primary residential structures and additions to primary residential structures shall be signed and sealed by an Illinois Registered Architect or Structural Engineer.

Sec. 6-205. Certificate of Compliance with Code.

It shall be unlawful for any architect or structural engineer or professional engineer or other person permitted under the laws of the State of Illinois to make drawings and plans, to prepare or submit to the Building Official, for his approval, any final drawings or plans for a structure which do not comply with the requirements in building provisions of this code. It shall be the duty of the Building Official to require that all drawings and plans submitted to him for approval, for any building or structure, shall be accompanied by a certificate of such architect or structural engineer or professional engineer preparing such drawings and plans, which said drawings and plans comply with the requirements in the building provisions of this code.

Sec. 6-206. Work Exempted From Permit.

Building permits shall be required except for the following work, which shall be exempt from the permit requirement:

- a) Clearing of stoppage or stopping of leaks.
- b) Electrical repairs and maintenance, minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
- c) Portable cooling equipment.
- d) Portable evaporative cooler.
- e) Portable heating appliances.
- f) Portable ventilation equipment.
- g) Single Family driveway seal coating.
- h) Steam, hot water, cooling equipment piping.
- i) Prefabricated pools for one- and two-family dwelling units less than twenty-four inches (24") in depth and entirely installed above ground.
- j) Private sidewalk, patios, driveways forty (40) square feet or less and not part of a means of egress, or not part of an accessible route for the disabled. Only one such exemption will be permitted per site.
- k) Removal and reinstallation of any Single-Family Residential plumbing fixture without rerouting or adding piping.

- l) Replacement of branch circuit overcurrent electrical devices.
- m) Replacement of any minor part that does not alter approval of gas equipment or make such equipment unsafe.
- n) Temporary testing system.
- o) Play structures, playhouses and similar uses provided the foot area does not exceed fifty (50) square feet.
- p) Window awnings, without signage, which are supported by an exterior wall and that do not project more than thirty inches (30") from the exterior wall they are attached to.
- q) The installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
- r) Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
- s) Self-contained refrigeration system containing ten (10) pounds (5 kg) or less of refrigerant and actuated by motors of one (1) horsepower (746 W) or less.
- t) The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.
- u) The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, lavatories, sinks, dishwashers, showers and bathtubs, in dwelling units provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.
- v) Painting, papering, tiling, carpeting, cabinets, and similar finish work.
- w) Replacing existing counter tops without increasing or reconfiguring the countertop length or design.
- x) Retaining walls eighteen inches (18") or less in height.
- y) Nonfixed and movable cases, racks, counters and partitions not over five feet nine inches (5'9") in height.

Sec. 6-207. Permit Cards.

Before beginning any work required to have a permit, a permit card must be displayed so that it is easily visible from the public right-of-way at the front of the site and is maintained visible until the project has been authorized completed in writing by the Building Official.

Sec. 6-208. Existing Building Remodeling, Alterations and Additions.

No existing building or structure shall be added to or altered or repaired when the alterations or repairs are fifty percent (50%) or more of the physical value of the building, (based on the most recent assessed valuation), unless the total building or structure meets the requirements of this code for new construction upon completion of the addition or alteration. For the purpose of calculating percentages the total shall be all improvement costs accrued within any continuous 30-month period. The fire suppression systems required by the 2018 International Residential Code will not be applicable to this code section.

Sec. 6-209. Time Limitation of Application.

An application for permit for any proposed work shall be deemed to have been abandoned ninety (90) days after the date of filing, unless such application has been pursued in good faith, a permit has been issued or the work is required by a referenced code or notice to correct. If it is determined by the Building Official that work has not been pursued in good faith, the proposed work shall be deemed abandoned and the permit application, construction documents and other pertinent information will be returned to the applicant. The Building Official may grant one or more extensions of time for additional periods not exceeding ninety (90) days each. The extension shall be requested in writing and a justifiable cause demonstrated. Permit Fees for such extensions are applicable.

Once reviewed and corrections, changes or additional information is requested in writing the applicant has thirty (30) days to respond as indicated through the review process.

Failure on the part of the applicant to have a permit issued within thirty (30) days of being notified of the approval is cause for such approval to be invalidated. Invalid permits are subject to the payment of plan review fees and reapplication shall be necessary if the requested permit is still desired.

Sec 6-210. Means of Appeal.

Any person directly affected by a decision of the code official or a notice or order issued under this code shall have the right to appeal, provided that a written application for appeal is filed within ten (10) days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code or any related code do not fully apply, or the requirements of this code or any related code are adequately satisfied by other means.

Such application shall identify the location of the property, the applicant's name, address, daytime phone number, the code requirement or notice being questioned and the basis for the appeal. Such appeals must be directed to the appropriate supervisor for further consideration and a written response to the applicant shall be provided. If the appeal is not allowed at the supervisory level, the matter will be forwarded to the Director of Community Development for a final decision.

Appeals of notice and orders (other than Imminent Danger notices) shall stay the enforcement of the notice and order until a response to the applicant has been issued.

This section shall supersede any reference for a means of appeal in the adopted model code standards.

Article 3. Types of Inspections, Surveys, Tests.

Sec. 6-301. Inspections – Surveys.

The request for any inspection must provide the Building Division a minimum of twenty-four (24) hours (one business day) in advance, and the Addison Fire Protection District a minimum of forty-eight (48) hours (two business days) for the following inspections, to schedule the same:

Inspections required under the provisions of this code shall be made by the Building Official or his duly appointed assistants. The Building Official may accept reports of inspection of recognized services, after investigation of their qualifications and reliability. No certificate called for by any provision of this code shall be issued on such reports unless the same are in writing and signed and dated by a responsible officer of such service. No inspection will be conducted unless a permit card is properly displayed and the approved job copy set of plans is on site and available. Inspections may be withheld pending the payment of fees associated with the permit. The following inspections as applicable to the approved permit are mandatory.

1. AIR LEAKAGE: Inspection shall be made after the building thermal envelope has been sealed to limit infiltration but before the method and materials are concealed.
2. BLOWER DOOR TEST: A test to determine the amount of air leakage on a single-family residence by an approved third party.
3. CLEAN AGENT SYSTEMS OPERATION AND INTEGRITY TEST: Inspection shall be made after the fire suppression systems has been installed and is operational and before any pipes are concealed.
4. DRAIN TILE AND BACKFILL: Inspection shall be made before backfilling and after footing drain tile and gravel have been placed, walls have been damp proofed and window wells installed.
5. DUCT SEALING: Inspection shall be made after the ducts have been sealed to limit infiltration but before concealment of the same.
6. ENERGY EFFICIENCY: Inspection shall be made to determine compliance with all local and State energy conservation codes and shall include, but not be limited to, inspections for: envelope insulation R and U values, fenestration U value, duct system R value, and HVAC and water-heating equipment efficiency.
7. EROSION CONTROL AND GRAVEL ACCESS: Inspection shall be made before proceeding with any site work, construction grading, excavations or construction.
8. FINAL BUILDING DEMOLITION: Inspection shall be made after the entire structure and foundation has been removed, all utilities disconnected and all areas disturbed are restored.
9. FINAL BUILDING: Inspection shall be made after all work (electric, energy, structural, H.V.A.C., framing, fire) is completed and before building may be occupied. Allow five working days for approval of a Certificate of Occupancy.
10. FINAL ELECTRICAL SERVICE: Inspection shall be made after all circuits and the main are labeled and the additional grounding completed.
11. FINAL PLUMBING: Inspection shall be made after all plumbing fixtures have been installed and are operational.

12. FIRE ALARM ACCEPTANCE TEST: Inspection shall be made after the fire alarm system has been installed, is fully connected to all centers and is operational.
13. FIRE PUMP ACCEPTANCE AND ANNUAL TEST: Inspection shall be made after the fire pump has been installed, is fully connected to all centers and is operational. Such acceptance tests shall be witnessed by the Addison Fire Protection District and the Village of Addison Public Works Department.
14. FIRE RATED ASSEMBLY: Inspection shall be made before concealing any cavity materials or the initial layer of drywall in multilayer applications.
15. FIREPLACE (MASONRY): Inspection shall be made after fire box is constructed and before construction of chimney.
16. FIREPLACE (PRE-FAB): Inspection shall be made after fire box, chimney and fire stopping are installed and before concealing.
17. FIRE SUPPRESSION SYSTEM: A preconcealment inspection shall be made of all sprinkler system piping.
18. FOOTING: Inspection shall be made before concrete is poured and after footing excavation has been completed and as required reinforcement is in place. Applies to both formed and trenched footings.
19. FOUNDATION WALL: Inspection shall be made before concrete poured and after forms are installed and reinforcement is in place and all required protection measures are on site ready for application or installation.
20. GAS PIPING: Inspection shall be made before any insulation, vapor barrier or interior wall finish is applied and after the gas piping is installed and pressure tested to a minimum of twenty-five (25) psi for a minimum of fifteen (15) minutes.
21. GRADING FINAL: Inspection shall be made after lot is graded in accordance with the approved site plans, after the topographical survey has been approved.
22. GYPSUM OR FIRE RATED CONSTRUCTION: Inspection shall be made after all lathing and gypsum wallboard are in place but before and plaster is applied, or before the wall board joints are taped and finished.
23. HOOD AND DUCT SYSTEM TEST: Inspection shall be made after the fire suppression systems have been installed and is operational and before any pipes are concealed.
24. HYDROSTATIC TEST OF THE FIRE SUPPRESSION SYSTEM: Inspection shall be made after the fire suppression systems has been installed and is operational and before any pipes are concealed.

25. INSULATION: Inspection shall be made before any interior wall finish is applied, after all framing, house wrap, insulation, firestop, and vapor barrier is completed, inspected and the building is made weather tight.
26. PREINSTALLATION: Inspection of all rated systems, sprinkler systems using CPVC piping or fire resistive treated lumber.
27. PRIOR TO ENERGIZING, ELECTRICAL SERVICE: Inspection shall be made after the installation of the electrical panel, meter trough and ground connection. The panel shall be open, protected from the elements and accessible to the inspector. Proper stairs and/or ladders are required for basement access.
28. RADON INSPECTION: Inspection shall be made on the system components before they are concealed. Three (3) phases of inspection, under slab, rough and final.
29. ROUGH ELECTRICAL: Inspection shall be made before any insulation, vapor barrier or interior wall finish is applied and after the rough electrical installation is completed.
30. ROUGH FRAMING: Inspection shall be made before any insulation, interior or exterior vapor barrier, roof covering or interior wall finish is applied but after all fire stopping is installed and all rough electric, rough H.V.A.C. and rough plumbing are completed, inspected and approved.
31. ROUGH H.V.A.C.: Inspection shall be made before any insulation, vapor barrier or interior wall finish is applied and after the rough H.V.A.C. installation is completed.
32. ROUGH PLUMBING: Inspection shall be made before any insulation, vapor barrier or interior wall finish is applied and after the rough plumbing installation is completed and filled with water to the highest fixture overflow for DWV and pressure tested for water distribution piping.
33. SEWER SERVICE: Inspection shall be made after the sewer service is in place and connected but before backfilling.
34. SLAB INSULATION: Inspection shall be made after all insulation has been installed and if applicable the drain tile and damp proofing inspection has been approved and before backfilling.
35. SLAB: Inspection shall be made after wire mesh, base material, expansion joints and vapor barrier, if any are installed, and before concrete is poured.
36. SPOTTED PLAT OF SURVEY: Review shall be made after pouring the foundation, a spotted plat of survey showing the exact location of the foundation on the lot and U.S.G.S. top of foundation elevation shown at all corners, steps and brick ledges in the foundation shall be submitted and approved by the Building Official. No framing on the foundation shall be permitted to occur prior to approval of the spotted plat of survey. (Allow at least forty-eight (48) hours – two business days for survey approval).

37. TOPOGRAPHICAL SURVEY: A plat of survey showing exact location of all structures and pavement with grading contour lines shown at one foot (1') elevation intervals in U.S.G.S. elevations shall be submitted and approved by the Building Official or designee.
38. UNDERGROUND ELECTRIC: Inspection shall be made after underground electric is installed but before backfilling.
39. UNDERGROUND FLUSH OF THE FIRE SUPPRESSION SYSTEM SERVICE MAIN: Inspection shall be made after the system is connected to the water main and can provide the required volume and pressure but before it is connected to the fire suppression system.
40. UNDERGROUND GAS PIPING: Inspection shall be made after the underground gas piping is installed but before backfilling and pressure tested to a minimum of twenty-five (25) psi for a minimum of fifteen (15) minutes.
41. UNDERGROUND H.V.A.C.: Inspection shall be made after underground H.V.A.C. work is installed but before backfilling.
42. UNDERGROUND PLUMBING: Inspection shall be made after underground plumbing is installed and filled with water to a minimum of five feet above finished floor but before backfilling.
43. WATER SERVICE: Inspection shall be made after the water service is in place and connected but before backfilling.
44. WEATHERPROOFING: Inspection shall be made before any insulation or interior wall finish is applied, but after all rough inspections are completed, inspected and approved and the roof covering, house wrap, exterior windows and exterior doors are in place.

Sec. 6-302. Reinspection.

A reinspection is required if any work covered by this code was performed in a manner or of materials contrary to the applicable codes or the approved drawings. A reinspection is also required if the work to be inspected is incomplete or otherwise not ready for inspection. After work has been corrected or completed, the owner or contractor shall schedule the reinspection with the Building Official, allowing at least a 24-hour notice (one business day) for the reinspection. The approved plans shall be on site and the permit card properly displayed before the reinspection is conducted.

Sec. 6-303. Reinspection Fee.

A reinspection fee as stated in Article 4 shall be charged for any work or phase of construction not approved or only partially approved. The reinspection fee shall be paid prior to scheduling the reinspection for which the fee is due.

Article 4. Fees.

Sec. 6-401. Payment of Fees.

- (A) Before the Building Official shall issue a building permit required by Code, the following fees, as they apply, shall be paid to the Village of Addison. For fee calculations; the square footage for an alteration shall be based on the area actually altered. If such an area cannot be calculated such as an electrical service revision then the minimum fee shall be charged. The following fees shall be charged for the review of plans, inspections and associated costs pursuant to the provisions of this code.
- (B) The Village of Addison incurs certain administrative and out-of-pocket costs as part of the plan review process. Should an applicant submit plans for plan review and fail to pick up and pay for an approved building permit within ninety (90) days after being notified by the Village, in writing, that the permit has been approved and is ready for pick up, the Village shall charge the appropriate administrative and out-of-pocket plan review fees to the applicant and cause an invoice to be sent to the applicant. Payment of such administrative and out-of-pocket plan review fees shall be due and payable within thirty (30) days from the date of the invoice. Failure to pay such invoice may result in the Village taking appropriate legal action for collection of the aforesaid unpaid plan review fees.

Sec. 6-402. Single Family Residential – Detached.

Sec. 6-402.1. Plan Examination.

New; for each 3,000 square feet or fraction thereof	\$200.00
Additions; for each 3,000 square feet or fraction thereof	\$100.00
Alterations; for each 3,000 square feet or fraction thereof	\$50.00
Accessory; per structure	\$25.00
Additional or preliminary reviews are 1/2 of the normal review charges.	
Elevator Consultant – per unit	\$130.00
Engineering (single unit, single site)	\$200.00

Sec. 6-402.2. Permits (only charged for new construction and additions)

New (for each 1,000 square feet or fraction thereof)	\$600.00
Additions (for each 500 square feet or fraction thereof)	\$200.00

Sec. 6-402.3. Inspections.

New (each building inspection)	\$50.00
Additions (each building inspection)	\$50.00
Alterations (each building inspection)	\$25.00
Accessory (each building inspection)	\$25.00
Elevator Inspections (each)	\$130.00
Reinspections or partial inspections same as original inspection fees.	

The fee for any after hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on

Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-402.4. Certificate of Occupancy (each)

New Construction	
Final	\$200.00
Temporary	\$100.00
Temporary Extensions	\$50.00
Additions	
Final	\$100.00
Temporary	\$50.00
Temporary Extensions	\$50.00
Change of Use	
Final	\$100.00
Temporary	\$50.00
Temporary Extensions	\$50.00

Sec. 6-402.5. Construction Water (new construction only) \$50.00

Sec. 6-402.6. Water Meters shall be determined in part by the market price for such meters, as the Village may direct.

Sec. 6-402.7. Flat Fees.

Flat Fee charges include the plan review fee, the permit fee and the initial inspection fees.

Flat Fee permits do not charge for additional plan reviews but do charge for reinspections, partial inspections and additional inspections at the rate of twenty-five dollars (\$25.00) each.

Central Air-conditioning (with existing duct work)	\$100.00
Deck	\$100.00
Detached garage	\$150.00
Detached garage and driveway	\$200.00
Demolition – primary structure	\$300.00
Demolition – accessory structure	\$50.00
Door(s) and Window(s) Replacement	\$50.00
Driveway (new or replacement)	\$100.00
Electrical Service upgrade or repair	\$100.00
Fence	\$50.00
Furnace (with existing duct work)	\$100.00
Lawn Irrigation Systems	\$50.00
Moving a Building across a public right of way	\$500.00
Patio (new or replacement)	\$100.00

Re-roofing	\$50.00
Re-siding	\$50.00
Sewer and/or water repair	\$50.00
Sheds	\$50.00
Sidewalks (including stoops)	\$100.00
Standby Generator	\$100.00
Swimming Pool – above ground (no heat included)	\$100.00
Swimming Pool – above ground (heat included)	\$150.00
Swimming Pool – in ground	\$200.00
Water Heater	\$50.00
Water Softener	\$50.00

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-402.8. Permit Extensions.

New (each)	\$50.00
Additions (each)	\$50.00
Alterations	\$25.00
Accessory	\$25.00

Sec. 6-402.9. Outdoor Activities.

Sec. 6-402.9.1. Plan Examination.

Outdoor Activity permits (initial major events)	\$200.00
Outdoor Activity permits (initial minor events)	\$100.00
Outdoor Activity permits (repeat major events)	\$100.00
Outdoor Activity permits (repeat minor events)	\$50.00

Additional or preliminary reviews are 1/2 of the normal review charges.

Sec. 6-402.9.2. Inspections.

Setup Inspection (major events)	\$150.00
Setup Inspection (minor events)	\$50.00
Final Inspection (major events)	\$50.00
Final Inspection (minor events)	\$25.00

Reinspections or partial inspections same as original inspection fees.

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-402.10. Water Usage.

If allowed; all water will be metered by the Public Works Department.

Sec. 6-403. Single Family Residential – Attached.

Sec. 6-403.1. Plan Examination.

New (per dwelling unit)	\$150.00
Additions (per dwelling unit)	\$100.00
Alterations (per dwelling unit)	\$50.00
Accessory	\$25.00
Additional or preliminary reviews are 1/2 of the normal review charges.	
Elevator Consultant – per unit	\$130.00
Engineering – per dwelling unit	\$150.00

Sec. 6-403.2. Permits.

New (per each 500 sq. ft. per each dwelling unit)	\$250.00
Additions (per each 500 sq. ft. per each dwelling unit)	\$200.00
Alterations (per unit or common area)	\$50.00
Accessory	\$25.00

Sec. 6-403.3. Inspections.

New (each building inspection per unit)	\$50.00
Additions (each building inspection per unit)	\$50.00
Alterations (each building inspection per unit)	\$25.00
Accessory (each building inspection)	\$25.00
Elevator Inspections (each elevator)	\$130.00
Reinspections or partial inspections same as original inspection fees.	

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-403.4. Certificate of Occupancy (per dwelling unit)

New Construction	
Final	\$200.00
Temporary	\$100.00
Temporary Extensions	\$50.00
Additions	
Final	\$100.00

Temporary	\$50.00
Temporary Extensions	\$50.00

Change of Use	
Final	\$100.00
Temporary	\$50.00
Temporary Extensions	\$50.00

Sec. 6-403.5. Construction Water (new construction only/unit) \$50.00

Sec. 6-403.6. Water Meters shall be determined in part by the market price for such meters, as the Village may direct.

Sec. 6-403.7. Flat Fees (per dwelling unit or common area)

Flat Fee charges include the plan review fee, the permit fee and the initial inspection fees.

Flat Fee permits do not charge for additional plan reviews but does charge for reinspections, partial inspections and additional inspections at the rate of twenty-five dollars (\$25.00) each.

Central Air-conditioning (with existing duct work)	\$100.00
Deck / Balcony	\$100.00
(including gazebo's, pergola's and trellis's)	
Demolition – primary structure	\$500.00
Demolition – accessory structure	\$50.00
Door(s) and Window(s) Replacement	\$50.00
Driveway	\$100.00
Fence	\$50.00
Furnace (with existing duct work)	\$100.00
Moving a Building across a public right of way	\$500.00
Patio (new or replacement)	\$100.00
Re-roofing (per dwelling unit) (\$200.00 maximum)	\$50.00
Re-siding (per dwelling unit) (\$200.00 maximum)	\$50.00
Sewer and/or Water Repair	\$50.00
Sheds	\$50.00
Sidewalks (including stoops)	\$100.00
Standby Generators	\$100.00
Swimming Pool – above ground (no heat included)	\$100.00
Swimming Pool – above ground (heat included)	\$150.00
Water Heater	\$50.00
Water Softener	\$50.00
Window(s) Replacement	\$50.00

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the

fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-403.8. Permit Extensions.

New (each)	\$50.00
Additions (each)	\$50.00
Alterations	\$25.00

Sec. 6-403.9. Outdoor Activities.

Sec. 6-403.9.1. Plan Examination.

Outdoor Activity permits (initial major events)	\$200.00
Outdoor Activity permits (initial minor events)	\$100.00
Outdoor Activity permits (repeat major events)	\$100.00
Outdoor Activity permits (repeat minor events)	\$50.00

Additional or preliminary reviews are 1/2 of the normal review charges.

Sec. 6-403.9.2. Inspections.

Setup Inspection (major events)	\$150.00
Setup Inspection (minor events)	\$50.00
Final Inspection (major events)	\$50.00
Final Inspection (minor events)	\$25.00

Reinspections or partial inspections same as original inspection fees.

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-404. Multi-Family Residential.

Sec. 6-404.1. Plan Examination.

New (per dwelling unit / community room) (\$400.00 min.)	\$100.00
Additions (per unit/common area)	\$100.00
Alterations (per unit or common area)	\$50.00
Accessory	\$50.00

Additional or preliminary reviews are 1/2 of the normal review charges.

Elevator Consultant – per unit	\$130.00
Engineering – per dwelling unit	\$100.00

Sec. 6-404.2. Permits.

New (for each 500 square feet or fraction thereof)	\$300.00
Additions (for each 500 square feet or fraction thereof)	\$100.00

Alterations (per unit)	\$50.00
Accessory	\$50.00

Sec. 6-404.3. Inspections.

New (each building inspection per unit)	\$50.00
Additions (each building inspection per unit)	\$50.00
Alterations (each building inspection per unit)	\$50.00
Accessory (each building inspection)	\$50.00
Elevator Inspections (each elevator)	\$130.00
Reinspections or partial inspections same as original inspection fees.	

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-404.4. Certificate of Occupancy (per building)

New Construction	
Final	\$200.00
Temporary	\$50.00
Temporary Extensions	\$50.00
Additions	
Final	\$100.00
Temporary	\$50.00
Temporary Extensions	\$50.00
Change of Use	
Final	\$100.00
Temporary	\$50.00
Temporary Extensions	\$50.00

Sec. 6-404.5. Construction Water (new construction only) \$100.00

Sec. 6-404.6. Water Meters shall be determined in part by the market price for such meters, as the Village may direct.

Sec. 6-404.7. Flat Fees.

Flat Fee charges include the plan review fee, the permit fee and the initial inspection fees.

Flat Fee permits do not charge for additional plan reviews but does charge for reinspections, partial inspections and additional inspections at the rate of \$50.00 each.

Central Air-conditioning (with existing duct work, per unit)	\$100.00
Deck/Balcony (including guardrail and handrails) (per unit)	\$100.00
Detached garage (up to 700 square feet)	\$150.00
Demolition – primary structure	\$500.00
Demolition – accessory structure	\$50.00
Door(s) and Window(s) Replacement (per unit)	\$50.00 \$200.00 max
Fence	\$75.00
Furnace (with existing duct work, per unit)	\$100.00
Lawn Irrigation Systems	\$100.00
Moving a Building across a public right of way	\$500.00
Patio (new or replacement per unit)	\$100.00
Re-roofing	\$100.00
Re-siding	\$100.00
Sidewalks (including stoops)	\$100.00
Water Heater/unit (not multi-unit heaters or boilers)	\$50.00
Window(s) Replacement (per unit)	\$50.00

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-404.8. Permit Extensions.

New (each)	\$50.00
Additions (each)	\$50.00
Alterations	\$25.00
Accessory	\$25.00

Sec. 6-404.9. Outdoor Activities.

Sec. 6-404.9.1. Plan Examination.

Outdoor Activity permits (initial major events)	\$200.00
Outdoor Activity permits (initial minor events)	\$100.00
Outdoor Activity permits (repeat major events)	\$100.00
Outdoor Activity permits (repeat minor events)	\$50.00
Additional or preliminary reviews are 1/2 of the normal review charges.	

Sec. 6-404.9.2. Inspections.

Setup Inspection (major events)	\$150.00
Setup Inspection (minor events)	\$50.00
Final Inspection (major events)	\$50.00
Final Inspection (minor events)	\$25.00
Reinspections or partial inspections same as original inspection fees.	

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-405. Non-Residential.

Sec. 6-405.1. Plan Examination.

New (per each 1,000 sf or fraction thereof, \$400.00 minimum)	\$20.00
Additions (per each 1,000 sf or fraction thereof, \$400.00 minimum)	\$20.00
Alterations (per unit)	\$100.00
Accessory	\$50.00
Elevator Consultant – new installation per unit	\$130.00

Additional or preliminary reviews are half (1/2) of the normal review charges.
 Engineering – Two percent (2%) of the cost of all on-site improvements (i.e.; parking lot, driveway, landscaping, water and sewer utilities, etc.) other than the building.

Sec. 6-405.2. Permits.

New (per each 1,000 sf or fraction thereof)	\$800.00
Additions (per each 1,000 sf or fraction thereof)	\$800.00
Alterations (per each 1,000 sf or fraction thereof)	\$200.00
Accessory	\$50.00

Sec. 6-405.3. Inspections.

New (each building inspection per unit)	\$50.00
Additions (each building inspection per unit)	\$50.00
Alterations (each building inspection)	\$50.00
Accessory (each building inspection)	\$50.00
Elevator Inspections (each elevator)	\$130.00
Reinspections or partial inspections same as original inspection fees.	

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-405.4. Certificate of Occupancy (per building)

New Construction	
Final	\$250.00

Temporary	\$50.00
Temporary Extensions	\$50.00

Additions	
Final	\$150.00
Temporary	\$50.00
Temporary Extensions	\$50.00
Change of Use	
Final	\$150.00
Temporary	\$50.00
Temporary Extensions	\$50.00

Sec. 6-405.5. Construction Water (new construction only) \$100.00

Sec. 6-405.6. Water Meters shall be determined in part by the market price for such meters, as the Village may direct.

Sec. 6-405.7. Flat Fees.

Flat Fee charges include the plan review fee, the permit fee and the initial inspection fees.

Flat Fee permits do not charge for additional plan reviews but does charge for reinspections, partial inspections and additional inspections at the rate of fifty dollars (\$50.00) each.

Central Air-conditioning (with existing duct work)	\$100.00
Demolition – primary structure	\$500.00
Demolition – accessory structure	\$50.00
Door(s) and Window(s) Replacement	\$100.00
Fence	\$100.00
Fuel dispensing units	
Single hose unit	\$100.00
Two hose unit	\$125.00
Multiple product - multiple user dispenser unit	\$150.00
Furnace (with existing duct work)	\$100.00
Lawn Irrigation	\$100.00
Moving a Building across a public right of way	\$500.00
Patio (new or replacement)	\$100.00
Re-roofing	\$200.00
Re-siding	\$200.00
RPZ	\$100.00
Underground fuel tank installation	\$300.00
Underground fuel tank removal	\$150.00
Water Heater (not boilers)	\$100.00
Water Softener	\$50.00

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-405.8. Permit Extensions.

New (each)	\$50.00
Additions (each)	\$50.00
Alterations	\$25.00

Sec. 6-405.9. Outdoor Activities.

Sec. 6-405.9.1. Plan Examination.

Outdoor Activity permits (initial major events)	\$300.00
Outdoor Activity permits (initial minor events)	\$150.00
Outdoor Activity permits (repeat major events)	\$150.00
Outdoor Activity permits (repeat minor events)	\$100.00

Additional or preliminary reviews are 1/2 of the normal review charges.

Sec. 6-405.9.2. Inspections.

Setup Inspection (major events)	\$150.00
Setup Inspection (minor events)	\$50.00
Final Inspection (major events)	\$50.00
Final Inspection (minor events)	\$25.00
Reinspections or partial inspections same as original inspection fees.	

The fee for any after-hours inspection, which shall be defined as any inspection between the hours of 5:00 p.m. and 8:00 a.m. Monday through Friday and any inspection after 5:00 p.m. on Friday through 8:00 a.m. on Monday as well as all holidays, shall be equal to two (2) times the fee set forth above, plus an administrative fee of two hundred dollars (\$200.00) to cover the overtime costs associated with an after-hours inspection. (Ord. 21-13)

Sec. 6-406. Addison Fire Protection District Fees.

The square footage for the following systems will be based on the total area of the building; regardless of any division created by fire walls, fire partitions or fire separation assemblies.

Sec. 6-406.1. Fire Code, Fire Alarm Systems, Fire Suppression Systems, Life Safety Systems.

All Use and Occupancies Classifications as defined in the International Building Code (based on gross floor area).

Under 5,000 square feet	\$200.00
From 5,000 to 25,000 square feet	\$300.00
Above 25,000 to 50,000 square feet	\$400.00
Above 50,000 to 75,000 square feet	\$500.00
Above 75,000 to 100,000 square feet	\$600.00
Above 100,000 to 150,000 square feet	\$700.00
Above 150,000 to 200,000 square feet	\$750.00
For each 1,000 sq. ft. in excess of 200,000 square feet	\$10.00

Sec. 6-406.2. Additional Fees for Fire Suppression Systems.

Fire Pumps	\$300.00
Standpipes	\$150.00
RPZ	\$50.00

Sec. 6-406.3. Other Suppression Systems.

Dry Chemical or Clean Agent Systems (based on weight)	
Under 50 pounds	\$100.00
50 pounds or more	\$150.00

Sec. 6-406.4. Institutional or Restaurant Hood and Duct Systems \$250.00

Sec. 6-406.5. Partial Reviews shall be based on the following adjustment to the preceding charges:

Life Safety Review Only	50%
Fire Alarm System Only	50%
Fire Suppression System Only	50%

Sec. 6-407. Security Deposit / Performance Guaranty.

Pursuant to the Subdivision Control Ordinance, should a security deposit / performance guaranty be required, the following are acceptable forms of a security deposit / performance guaranty: (1) Cash Escrow; (2) Letter of Credit; and (3) Performance Bond. See, Article XVIII of the Subdivision Code.

After the construction, alteration, removal or demolition at the building site has been terminated, and either a certificate of occupancy or an approved final inspection report has been issued, any holder of a permit may apply to the Building Official for a return of any unused portion of a security deposit / performance guaranty. The Building Official shall direct the Village finance director to refund to the holder of the permit any unused portion of the security deposit / performance guaranty, without interest. Provided, however, that, for each year after the certificate of occupancy has been issued and the security deposit / performance guaranty remains unclaimed, an administrative fee shall be charged by the Village in an amount equal to twenty percent (20%) of the original amount of the unclaimed security deposit / performance guaranty.

Article 5. Fire Protection.

Sec. 6-501. Fire Lanes.

Fire lanes shall be provided for all new buildings or structures when any portion of the exterior wall on the first story is located more than one hundred fifty feet (150') from the fire department access point or when the building height exceed thirty feet (30') in height and any portion of the exterior wall on the first story is located more than fifty feet (50') from the fire department access point.

Sec. 6-502. Deflagration Venting, Marking and Identification.

All deflagration venting panels shall be outlined with bright yellow paint, three (3) inches wide. In addition, a warning signs stating, "DANGER - EXPLOSION RELIEF PANEL", shall be posted on the panel at intervals of one (1) sign for every ten (10) linear feet. Letters on the sign shall be a minimum of four inches (4") in height and inch stroke width. The sign is to be red in color with white letters.

Sec. 6-503. Aboveground Liquefied Petroleum Gases.

Aboveground liquefied petroleum gases: Fixed stationary installations on the exterior, utilizing storage containers in excess of one thousand (1,000) gallons water capacity, are not allowed. Containers of 1,000 gallons or less water capacity shall be installed in accordance with NFPA 58 Standard for the Storage and Handling of Liquefied Petroleum Gases, 2017 Edition.

Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of one thousand (1,000) gallons. Containers of one thousand (1,000) gallons or less water capacity shall be installed in accordance with NFPA 58 Standard for the Storage and Handling of Liquefied Petroleum Gases, 2017 Edition.

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

Sec. 6-504. Aboveground Flammable/Combustible Liquid Storage Tanks.

Above ground flammable/combustible liquid storage tanks may be allowed when all issues are in compliance with the applicable EPA and OSFM standards and the following:

1. Variances will only be considered for Class II and III Liquids as defined by NFPA 30, 2018 Edition.
2. Above ground storage tanks shall be tested, in accordance with U.L. 2085 and shall meet the requirements of NFPA 30, 2018 Edition.
3. All electric for the tanks and associated equipment shall be installed in accordance with the National Electric Code (NFPA 70) 2017 Edition.

4. Required permits, inspections and approvals shall be obtained from the Village of Addison, the Addison Fire Protection District, the Office of the State Fire Marshal (OSFM) and where applicable, the Environmental Protection Agency (EPA).

Sec. 6-505. Fire Suppression.

Sec. 6-505.1. Regardless of the use group, any building or structure greater than two thousand five hundred (2,500) square feet of gross floor area shall be protected by an automatic sprinkler system in accordance with the applicable N.F.P.A. 13. standard as referenced in the adopted International Building Code and the adopted International Fire Code.

- Exceptions:
1. Group A-1: Regardless of size shall have a fire sprinkler system.
 2. One and Two Family and single-family R-3 shall be protected in accordance with the 2018 International Residential Code and N.F.P.A. 13 D.
 3. Groups B and S with gross floor areas under two thousand five hundred (2,500) square feet but more than one (1) story above grade shall have sprinkler protection.

Sec. 6-505.1.1. All required fire suppression/automatic sprinkler systems shall have a fire alarm system installed in accordance with N.F.P.A 72.

Sec. 6-505.2. Regardless of the use group a fire detection system shall be required for any building that does not require automatic sprinkler protection.

Exception 1. Group U.

Exception 2. Unless required in conjunction with sprinklers in accordance with the International Building Code or International Fire Code 2018 editions.

Sec. 6-505.3. Group A: A manual fire alarm system that activates the occupant notification system shall be installed in all Group A occupancies. Portions of Group E occupancies for assembly purposes shall be provided with a fire alarm system as required for Group E occupancies.

Sec. 6-505.4. Group B and M: manual fire alarm system shall be installed in all Group B or M occupancies where any of the following conditions exists:

1. The building is three or more stories in height.
2. The occupancy is subject to fifty (50) or more occupants above or below the level of exit discharge.
3. The occupancy is subject to one hundred (100) or more total occupants.

Sec. 6-505.5. Group F: A manual fire alarm system that shall be installed in all Group F buildings where the Group F occupancy is:

1. Two or more stories in height.
2. The occupant load is greater than one hundred (100).

3. 25 or more occupants are above or below the level of exit discharge.

Sec. 6-505.6. Group S: A manual fire alarm system that shall be required in all Group S buildings except:

1. Fully sprinklered Group S (except self-storage facilities 2 or more stories in height).
2. Low hazard storage occupancy.
3. Ordinary or High Hazard storage less than fifty thousand (50,000) square feet gross floor area.

Sec. 6-505.7. Fire Protection Signaling Systems: All required fire suppression, fire detection, and fire alarm system shall be directly connected to the designated dispatch center of Addison Fire Protection District #1. This connection shall be made by wireless radio. It is the responsibility of the building owner to maintain the alarm system and supervision during the life of the building.

Sec. 6-505.8. Fire Alarm Panels/Radio Transmitters – Batteries. All fire alarm panels and wireless radios shall be required to provide a 60-hour battery back up.

Sec. 6-505.9. Existing Buildings.

All buildings, except one- and two-family dwellings and single family (R-3) existing on the effective date of this Code shall be provided with an automatic fire suppression system and/or detection system if such systems would be required if the building were new and:

1. Structural repairs to any building or space within a building in excess of fifty percent of the physical value of the building is performed during a continuous 30-month period, or
2. Remodeling (not cosmetic) or the reconfiguration of a building or space within a building that exceeds fifty thousand dollars (\$50,000) in value, or
3. The use group of the building occupancy is changed, or
4. Where an addition to an existing building is five hundred (500) or more square feet in fire area.

Exception: The first addition of less than five hundred (500) square feet is allowed. The second addition of less than five hundred (500) square feet that has a total aggregate of five hundred (500) square feet or more in fire area shall have a fire suppression system based on new construction for the entire building/structure.

Remodeling (cosmetic) includes replacing kitchen cabinetry, window replacement of the same size, carpet and painting.

Sec. 6-505.10. All buildings with a fire sprinkler system shall be required to provide a white strobe or horn strobe above the fire department connection. This strobe shall be activated on water flow alarm only.

Sec. 6-505.11. Group H and R2: A fire protection signaling system shall be installed in all buildings of Use Group h and Use Group R2.

Exception: In Group R2 where the dwelling unit or sleeping unit has an exit directly to a public way or court and are no more than 2 stories in height.

Sec. 6-505.12. Throughout all buildings of Group I-2, I-3 and R-4, required to be equipped with an automatic fire suppression system, an automatic fire detection system shall also be installed.

Sec. 6-506. Water Control Valves.

In all non-residential multi-tenant buildings, a separate control valve for the sprinkler system shall be located within each unit.

Sec. 6-507. Standpipes.

Standpipes shall be provided in all buildings of all Use Groups regardless of the automatic fire suppression system, where the building is more than 200 feet of travel, vertically or horizontally, to the nearest point of a Fire Department vehicle access, or where the building is greater than two (2) stories above or below grade.

Sec 6-507.1. The piping design of the standpipe system shall provide for a residual pressure of sixty-five (65) p.s.i. at the top most floor outlet while flowing water at all other outlets from that riser.

Sec 6-507.2. Standpipe valves shall be located at the floor landing and shall be accessible from both the stairwell and the hallway.

Sec. 6-508. Riser Pipe Sizes.

Groups other than B, I, R-1, R-2 and R-4, which are equipped with an automatic fire suppression system, shall have the riser size based on hydraulic calculations with a minimum flow of five hundred (500) g.p.m.

Sec. 6-509. Fire Department Connections.

Sec. 6-509.1. Fire Department connections shall be accessible to fire apparatus and shall not be located more than one hundred fifty feet (150') from any fire hydrant.

Sec. 6-510. Strobe and Bells.

Strobe/Bell: All new Fire Department connections shall have a white strobe light and audible horn/bell located above the Fire Department connection. The strobe light and horn/bell shall operate upon activation of the flow alarm. The type and location of strobe light and horn/bell shall be approved by the Fire Protection District. In addition to the above, all non-residential multi-tenant buildings shall have a yellow strobe light located in front of each tenant space that will activate when the alarm sounds for that unit.

Sec. 6-511. Key Box.

A key box shall be installed in accordance with the International Fire Code. Key box(s) shall be installed at a height not to exceed six (6) feet above finished grade. The number and location of key boxes shall be designated by the Addison Fire Protection District.

Sec. 6-512. Bulk Liquid CO2.

Sec. 6-512.1. Regardless of location, all bulk liquid CO2 tanks shall require an operational permit.

Sec. 6-512.2. Regardless of location, all buildings with interior bulk liquid CO2 tanks shall provide the NFPA 704 symbol on the front side (street side) of the building and at the door to the area where the bulk liquid CO2 tank is located.

Sec. 6-512.3. All bulk liquid CO2 tanks shall be provided with leak detection alarms.

Sec. 6-513. Carbon Monoxide Alarms.

Carbon monoxide alarms shall be located in all office areas of Group B, F and M where fuel burning equipment (including propane forklifts) is used. The number and location of each device will be based on the layout and size of the office area as determined by the Addison Fire Protection District.

Sec. 6-514. Fire Protection Maintenance.

All inspections and maintenance reports shall be forwarded to the Addison Fire Protection District using InspectionReportsOnline.net (IROL). Any company doing inspections and maintenance to a fire protection system shall register with IROL. Fire protection systems shall include but not be limited to sprinkler systems, fire pumps, fire alarms, hood and duct systems, CO2 monitoring systems, emergency and exit lighting and fire extinguishers.

Article 6. Elevators.

Sec. 6-601. Access.

For new installations, a permanent safe, convenient means of access into the elevator machine room and overhead machinery spaces shall be provided for elevator maintenance personnel only.

The elevator machine room shall not be used for a through passage to or from any other spaces, including the roof, the electrical maintenance areas or similar spaces.

Sec. 6-602. Accessibility.

Passenger elevators required to be accessible or to serve as part of an accessible means of egress shall be designed and installed in accordance with the Illinois Accessibility Code as adopted by the State of Illinois.

Sec. 6-603. Certificate of Compliance.

The operation of all equipment governed by the provisions of this article and hereafter installed, relocated or altered shall be unlawful by persons other than the licensed installer until such equipment has been inspected and tested as herein required and a final Certificate of Compliance has been issued by the Village of Addison.

The owner or lessee shall post the current-issued Certificate of Compliance in a conspicuous place inside the conveyance. A copy of the current issued certificate is acceptable.

Sec. 6-604. Car Size.

Sec. 604.1. Where elevators are provided in buildings, not fewer than one (1) elevator shall be provided for fire department emergency access to all floors, regardless of the number of floors within the building. The elevator car shall be of such a size and arrangement to accommodate an ambulance stretcher twenty-four inches by eighty-four inches (24"x84") with not less than 5-inch (5") radius corners, in the horizontal, open position and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than three inches (3") in height and shall be placed inside on both sides of the hoistway door frame.

Sec. 604.2. All elevator cars shall have a minimum interior car size of eighty inches (80") wide and sixty-five inches (65") deep.

Sec. 605. Machine Rooms, Control Rooms, Machinery Spaces and Control Spaces.

The elimination of required fire resistance ratings when a machine room, control room, machinery space and control space does not abut or does not have openings to the hoistway enclosure they serve is prohibited.

Sec. 606. Standardized Fire Service Elevator Keys.

All new and modernized elevators shall be equipped to operate with a standardized fire service elevator key in accordance with the International Fire Code.

Sec. 607. Personnel and Material Hoists.

All miscellaneous hoisting and elevator equipment shall be subject to tests as required by the Village of Addison to ensure safe operation.

Field tests shall be conducted upon the completion of an installation or following a jump or a major alteration of a personnel hoist.

Article 7. Plumbing Code.

Sec. 6-701. Illinois Plumbing Code Adopted.

The Village of Addison hereby adopts and shall enforce the Illinois Plumbing Code (77 Ill. Admin. Code 890) as required by the State of Illinois, Department of Public Health, including such local amendments as may be approved by the Department of Public Health.

Sec. 6-702. Water Conservation Practices.

Pursuant to 17 Ill. Admin. Code 3730.307(c)(4) and subject to the Illinois Plumbing Code (77 Ill. Admin. Code 890) and the Lawn Irrigation Contractor and Lawn Sprinkler System Registration Code (77 Ill. Admin. Code 892), it is hereby required that in the Village of Addison, all new and replacement plumbing fixtures and irrigation controllers installed after the effective date of this ordinance shall bear the WaterSense label (as designated by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available. In addition, new/replacement sprinkler systems shall be equipped with a WaterSense irrigation controller and shall be in compliance with Section 2.5(g) of the Illinois Plumbing Licensing Law [225 ILCS 320].

Sec. 6-703 Sewer and/or Water Required.

Every building or unit of a building shall have its own separate individual water service and individual sanitary sewer service that is supplied by and/or connected to a Village of Addison public water main and Village of Addison public sanitary sewer main. The entire plumbing system shall be entirely separate and independent from that of other buildings or units of a building.

Separate units within the same building of multiple story apartments buildings, multiple story condominium buildings, hotels, motels and multiple story office buildings may be supplied by one properly sized water service and sanitary sewer service in accordance with the Illinois Plumbing Code.

(Amends Section 890.170(a)(b) of the ILPC)

Sec. 6-704. Water Service Pipe Installation.

The minimum depth for any water service pipe shall be at least 66-inches or the maximum frost penetration of the local area, whichever is of greater depth.

(Amends Section 890.1150(a)(3) of the ILPC)

Sec. 6-705. Water Supply Control Valves and Meter.

The utility meter (i.e. the water meter) shall be installed within a building where a building exists.

(Amends Section 890.1190(b), first sentence only of the ILPC)

Sec. 6-706. Water Service Pipe Sizing.

The water service pipe from the street main (including the tap) to the water distribution system for the building shall be a minimum of one inch in diameter, Type K copper.

(Amends Section 890.1200(a) of the ILPC)

Sec. 6-707. Sanitary Waste Below Sewer.

All new buildings with plumbing fixtures or drains located below the outside grade shall discharge into a gas-tight, covered and vented sump from which the waste shall be lifted and discharged into a sanitary waste drain by automatic sewage ejection pumping equipment (overhead sewer).

(Amends Section 890.1360(a)(1) of the ILPC)

Sec. 6-708. Water Heaters.

Water heaters installed above the finished floor level shall be equipped with a safe pan. The safe pan shall be piped to an approved receptor. The temperature and pressure relief valve of the water heater shall not discharge into the safe pan and shall be piped to an approved receptor.

(Amends Section 890.1230(a) of the ILPC)

Sec. 6-709. Building Drain.

Building drains passing through a foundation wall shall be constructed of extra heavy cast iron pipe or ductile iron pipe.

(Amends Section 890.Appendix A, Table A of the ILPC)

Sec. 6-710. Approved Materials for Building Drainage/Vent Pipe.

The following materials are approved for building drainage/vent pipe:

2) Brass Pipe, 3) Cast Iron Pipe, 5) Copper/Copper Alloy Pipe, 6) Copper/Copper Alloy Tubing (K, L or M), 7) Galvanized Steel Pipe, 8) Glass Fiber Borosilicate Pipe, 9) High Silicone Cast Iron Pipe, 11) Polyvinyl Chloride Pipe and Fittings (PVC) – ASTM D2665-2012, 15) Stainless Steel - Types 304 and 316L, 16) Stainless Steel Buttwelded Fittings, 17) Stainless Steel Flanges and 18) Identification of Piping Systems

(Amends Section 890.Appendix A – by deleting items, 1, 4, 10, 12, 13 and 14 of Table A of the ILPC)

Sec. 6-711. Approved Materials for Building Sewer Pipe.

The following materials are approved for building sewer pipe:

7) Polyvinyl Chloride Pipe (PVC) – SDR 26, AWWA C900 and ASTM D2241

(Amends Section 890.Appendix A - by deleting items 1, 2, 3, 4, 5, 6, 8, 9, 10, 11 and 12 of Table A of the ILPC)

Sec. 6-712. Approved Materials for Water Service Pipe.

The following materials are approved for water service pipe:

3) Cast Iron (Ductile Iron) Water Pipe approved for commercial use only for pipes 2 inches and larger, 5) Copper/Copper Alloy Pipe (Type K) and 6) Copper/Copper Alloy Tubing (Type K).

(Amends Section 890.Appendix A – by deleting items 1, 2, 4, 7, 8, 9, 10, 11, 12, 13, 14 and 15 of Table A of the ILPC)

Sec. 6-713. Approved Materials for Water Distribution Pipe.

The following materials are approved for water distribution pipe:

1) Brass Pipe, 3) Copper/Copper Alloy Pipe, Type K or L, 4) Copper/Copper Alloy Tubing, Type K or L, 6) Galvanized Steel Pipe, 10) Stainless Steel Pipe and 11) Welded Copper Water Tube.

(Amends Section 890.Appendix A – by deleting items 2, 5, 7, 8, 9 and 12 of Table A of the ILPC)

Article 8. Electric.

Sec. 6-801. Single Family Dwelling.

- (A) Single Family Dwellings shall include single family detached, duplex, townhouse, row house where each unit is served by a separate electrical service.
- (B) The minimum service capacity shall be one hundred (100) ampere single phase, three (3) wire, and grounded neutral service with a single means of disconnect.
- (C) Dwelling units exceeding two thousand (0) square feet in area shall be supplied with a minimum two hundred (200) ampere, single phase, three (3) wire, grounded neutral service with a single means of disconnect.

Exception: Electrical services requiring four hundred (400) amperes are permitted to be provided with two 200-ampere disconnects.

Sec. 6-802. Multiple Family Dwelling.

- (A) Multiple Family Dwelling shall exclude townhouses and single family attached dwellings, but shall include apartment buildings and other residential structures of similar construction such as condominiums and multi-unit buildings with a shared or common means of egress. Multiple Family Dwellings shall be served with a single electrical service with a single means of disconnect for the service.
- (B) The capacity of service shall be based on the connected load.
- (C) The subfeed for the units shall be metered separately, a minimum of 100 ampere main for each unit.

- (D) The panel for each unit shall be located within the unit. The panel shall contain a minimum of twenty (20) circuit spaces with a main disconnect.

Sec. 6-803. Electrical Services.

Each service shall be provided with one main disconnect. Rigid metal conduit shall be used as the raceway for service entrance conductors from the meter socket to the main disconnect. All services shall be underground. Exception: service revisions in areas that are being served overhead at the time of the revision unless this exception is prohibited by another law or ordinance by the Village.

Sec. 6-804. Electrical Conductors.

- (A) All conductors shall be copper and of a type approved for the purpose for which they are used.
- (B) All conductors shall be in a raceway.

Exception 1: Coaxial cable may be installed without a raceway.

Exception 2: Communication wires and alarm system wire may be installed without a raceway in single family and multi-family dwellings. Thermostat wiring may be installed without a raceway, except in concealed areas.

Exception 3: Communication wire, sound system wire, non-fire alarm wire when installed in open accessible spaces may be installed without a raceway in manufacturing and commercial districts. All fire alarm wire shall be in a raceway of conduit to height of ceiling or bottom of roof framing, whichever is lower.

Exception 4: Direct burial cable may be used underground outside a building, except under paved areas.

Exception 5: Cords and cord drops shall be permitted to be installed without a raceway in nonresidential buildings where flexibility is required for machine wiring. This installation shall comply with the applicable sections of the National Electrical Code.

Sec. 6-805. Electrical Conduit.

- (A) For all new work, wiring shall be installed in rigid metal conduit, intermediate metal conduit, electrical metallic tubing and surface metal raceways. However, it shall be permissible to use a section of flexible metal conduit, liquidtight flexible metal conduit, liquidtight flexible non-metallic conduit, flexible metal tubing, metal clad cable, or armored cable not to exceed six feet in length.

Exception 1: Wiring in compliance with Article 605 of the National Electrical Code shall be permitted.

Exception 2: Rigid non-metallic conduit, schedule forty (40) or better may be permitted in areas subjected to corrosive influences.

- (B) Rigid metal conduit, intermediate metal conduit or rigid non-metallic conduit shall be used when buried in earth concealed within concrete construction or exposed to weather.

Sec. 6-806. Detached Garages.

Residential detached garages shall be equipped with a minimum of one GFCI protected wall receptacle within each vehicle bay, one (1) interior light controlled by a switch located at the service door and one exterior light outside the service door controlled by an interior switch located at the service door. The electrical feed supplying power to a detached garage shall be installed underground.

Sec. 6-807. Underground Conductors.

All freestanding illuminated signs, accessory structures and exterior lighting shall have the electrical conductors buried underground.

Article 9. Foundations.

Sec. 6-901. Residential.

Continuous concrete spread footings and foundation walls shall be used to support all one- and two-family dwellings (attached and detached) and multiple family dwellings including additions to the same.

Sec. 6-901.1. Sun Rooms, Three Season Rooms and Screen-In Rooms.

Sun rooms, three season rooms and screen-in rooms attached to a one and two family dwellings (attached and detached) may be supported by a properly sized concrete trench footing.

Sec. 6-902. Minimum Thickness.

The thickness of foundation walls shall not be less than the thickness of the wall supported, and the minimum thickness shall be limited for the various materials of construction as herein specified. The minimum thickness shall be eight inches (8"). The minimum thickness supporting brick veneer wood framed walls or masonry walls shall be ten inches (10").

Sec. 6-903. Frost Depth.

The frost depth for buildings and structures required to have frost protection shall be a minimum of forty-two inches (42") below the finished grade.

Sec. 6-904. Wing Walls.

When foundation walls are not provided, concrete wing walls shall be provided to support all Concrete stoops, landings, steps or other similar construction when installed within the over dig

area of a foundation wall. Wing walls shall be poured integral with the foundation wall; reinforced at the top and shall extend down to the footing.

Sec. 6-905. Prohibited Foundations.

Wood foundations, timber foundations, masonry foundations, rubble stone foundations and foundations with a corbelled design are not permitted.

Exception: Open decks may be constructed with wood columns buried below ground when the same are encased with concrete or are set on and anchored to a concrete footing.

Article 10. Residential Uses.

Sec. 6-1001. Prohibited Residential Uses.

- (A) Single family residence stairways serving a second story above grade, as defined by the International Residential Code, are prohibited unless the bottom or beginning of the stairway is located in a habitable space or a non-separated occupiable space adjacent to a habitable space of the first story.
- (B) Kitchens on the second floor of a single-family residence are not allowed. Full size refrigerators or kitchen type sinks located in a single-family residence's second story above grade, as defined by the International Residential Code, are prohibited.

Article 11. Vacant and Damaged Buildings.

Sec.6-1101. Vacant Buildings or Units.

All vacant buildings shall be maintained to the following standards:

1. All exterior doors and windows shall be kept in sound and working conditions free of any broken glass or holes.
2. All exterior doors shall be equipped with a workable lock or locking device and shall be securely locked whenever the structure is vacant.
3. All windows shall be securely latched whenever the building is vacant.
4. All exterior walls and roofs shall be kept in good repair free of any holes or defects or structural deterioration and free of any graffiti.
5. All vacant buildings shall be kept free of any infestation.
6. The site shall be kept free of the accumulation of any trash, waste material or rubbish.
7. All lawns shall be properly maintained to ensure the height of any grass or weeds does not exceed six inches.

8. All swimming pools, hot tubs and other similar structures shall be drained of all water. If such structures are not self-supporting they shall be removed.
9. Any points of access to the site such as a fence or driveway shall be properly maintained and all gates shall be kept locked.
10. All such structures shall be maintained to prevent any criminal activity.
11. With the exception of a five (5) square foot real estate sign, no signage shall be posted without first receiving a sign permit.
12. All perishable items shall be removed from the interior of the structure.
13. The use of plywood or similar material will not be used to secure any structure, including but not limited to, doors and windows, unless specifically authorized in writing by the Building Official or as otherwise permitted by this code.

Sec. 6-1102. Damaged Buildings or Units.

All damaged buildings or structures shall be maintained to the following standards:

1. Within thirty (30) days after the completion of the scene investigation by the Addison Fire Protection District, Building Division, Addison Police Department and/or insurer of the property; a building permit for the repair of the structure or a demolition permit for the removal of the building shall be applied for and approved. No building or unit may remain unsecured or non-compliant for more than ninety days regardless of any investigation, insurance claims or court proceedings.
2. All repairs shall be completed within a reasonable time frame as indicated in the permit conditions. No repair or demolition permit shall be approved for more than one hundred eighty (180) days.
3. All damaged material separated from the structure shall be removed from the site to avoid a nuisance or hazard within three (3) days of the incident.
4. All exterior doors and windows shall be kept in sound and working conditions free of any broken glass or holes, unless otherwise secured.
5. All exterior doors shall be equipped with a workable lock or locking device and shall be securely locked whenever the structure is vacant, unless otherwise secured.
6. All windows shall be securely latched whenever the building is vacant, unless otherwise secured.
7. All exterior walls and roofs and be kept in good repair free of any holes or defects or structural deterioration and free of any graffiti.
8. All vacant buildings shall be kept free of any infestation.

9. The site shall be kept free of the accumulation of any trash, waste material or rubbish.
10. All lawns shall be properly maintained to ensure the height of any grass or weeds does not exceed six inches.
11. All swimming pools, hot tubs and other similar structures shall be drained of all water. If such structures are not self-supporting they shall be removed.
12. Any points of access to the site such as a fence or driveway shall be properly maintained, and all gates shall be kept locked.
13. All such structures shall be maintained to prevent any trespassing or criminal activity.
14. With the exception of a five (5) square foot real estate sign, no signage shall be posted without first receiving a sign permit.
15. If determined that the structure's condition may cause it to collapse or cannot be properly secured, the entire site shall be secured with a six foot (6') high fence and all access points when not in use shall be securely locked.
16. Access to or through any public property or adjacent private property shall not be obstructed.
17. The use of plywood or similar material will not be used to secure any structure, including but not limited to, doors and windows, unless specifically authorized in writing by the Building Official or as otherwise permitted by this code.

Sec. 6-1103. Permit Required for Securing a Building.

1. No owner shall allow the installation, placement or maintenance of boards or other temporary coverings over the doors, windows or other openings of any vacant or damaged structure other than the conventional methods used in the original design and construction of the building for more than seven (7) days after the initial need has developed or notice being given without first having applied for and received a Boarding Permit from the Building Official.
2. The owner or his representative of a vacant or damaged building requiring the temporary securing of the structure shall apply for a Boarding Permit within seven (7) days of the initial need.
3. Boarding Permits shall only be issued for the amount of time requested by the owner or his representative and shall not exceed a thirty (30) day time frame, except when the extent of the damage is determined by the Building Official to be so severe that the necessary repairs require additional time, in which case the time frame for the permit expiration may be extended to a time frame of no more than six months.
4. Boarding Permits may only be extended one (1) time for half of the original time, when

such a request is in writing and approved.

5. The fee for Boarding Permits shall be one hundred dollars (\$100.00). Fees for permit extensions, if approved, shall be fifty dollars (\$50.00).
6. All points of entry will be posted by the owner or his agent with a sign indicating “ DO NOT ENTER” using letters that are a minimum of four inches (4”) in height.

Sec. 6-1104. Abatement Authority.

Any vacant, damaged or burnt building or structure not properly secured or not adequately rehabilitated within the required time frames shall provide authorization to the Building Official to seek demolition or repair of the structure or maintenance of the property. The cost of such service shall become a lien on the property.

Article 12. Accessory Structures.

Sec. 6-1201. Fences.

No fence shall obstruct drainage. Fences are prohibited in areas designated as a flood way. No fence, unless specifically approved, shall act as a retaining wall.

Sec. 6-1202. Detached Garages.

All detached garages shall have a service door a minimum of thirty-two (32) inches in width.

Sec. 6-1203. Micro/Mini Cell Sites.

See Ordinance Number O-18-23.

Sec. 6-1204. Swimming Pools.

Access to all exterior swimming pools, other than from the primary structure, shall be secured by having all entry points equipped with a self-closing and self-latching gate installed to the standards of the adopted model code and shall be capable of being locked.

Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure and the means of access is a ladder or steps, the ladder or steps shall be equipped with a lockable, self-closing and self-latching device to prevent unauthorized access.

Sec. 6-1205. Demolition of In-Ground Swimming Pools

The demolition or removal of all in-ground swimming pools shall comply with the following requirements:

- (A) The walls of the pool shall be completely removed.

- (B) The floor of the pool shall either be completely removed or have twelve inch (12") diameter holes drilled and spaced relatively evenly every one hundred (100) sq. ft. with a minimum of one hole located in the deep end, or the pool floor shall be completely broken up into pieces that are less than two feet by two feet (2' x 2') square and left in place.
- (C) If the floor of the pool is not removed, then the first layer of backfill shall consist of a minimum of eight inches (8") of crushed aggregate (minimum diameter of three quarters inch (3/4") and a maximum diameter of three inches (3")). The remainder of the backfill, up to the last six inches (6") shall consist of only clean, suitable material such as topsoil, clay, fine aggregate (sand), or coarse aggregate of a diameter of two inches (2") or less. Backfilling with any other material is strictly prohibited.
- (D) If the pool proposed to be removed is used as a drywell or cistern, the top of the aggregate shall be covered with a filter fabric to avoid infiltration of the topsoil. Downspouts, sump pumps and private storm sewers systems may be tied into the drywell or cistern.
- (E) All backfill materials shall be placed in twelve inch (12") layers (maximum thickness) and compacted by mechanical means to prevent excessive settlement over time and minimizing the possibility of having a depressed area in the rear yard.
- (F) All backfill materials shall be placed in twelve (12) inch layers (maximum thickness) and compacted by mechanical means to prevent excessive settlement over time and minimizing the possibility of having a depressed area in the rear yard.
- (G) The last six inches (6") of backfill shall consist of topsoil and shall be graded to match the existing area surrounding the pool so as not to alter existing drainage patterns. Upon grading, the area shall be stabilized with grass seed. If placing sod, the final lift of backfill shall consist of six inches (6") of topsoil and graded as mentioned above, but after placement, the backfill areas shall be two inches (2") below the adjacent existing ground to account for the placement of sod.

Article 13. Miscellaneous.

Sec. 6-1301. Display of Address.

- (A) For the purpose of facilitating the correct enumeration of buildings and lots within the Village, a plat of all the streets, avenues and public highways within the Village, showing the proper number of all buildings on lots fronting thereon, shall be prepared. It shall be the duty of the Director of Community Development to assign each building its proper address number, and to adjust all mistakes and errors in numbering. No numbers shall be placed on any premises, except those assigned to the building by the Director of Community Development.
- (B) Each of the figures of every number assigned shall not be less than four (4) inches nor more than twelve (12) inches in height and of proportionate width. For structures setback more than one hundred feet (100') but less than two hundred feet (200'), the maximum

height shall be twenty-four (24) inches in height and for structures setback two hundred feet (200') or more the maximum height shall be thirty-six inches in height. The color of the number shall contrast sharply with the background color. The numbers shall be affixed in plain view from the street. Such numbers shall be placed on, above or immediately to the side of the front door or at some other and more conspicuous location on the front of the building. The use of script numbers (the spelling of numbers) or roman numerals is not acceptable for the required address display.

- (C) Whenever any premises have been assigned a number as provided in this article, it shall be unlawful for any person to change or alter such number.

Sec 6-1302. Sound Transmission.

Walls, partitions and floor/ceiling assemblies separating dwelling units from each other or from public or service areas shall have a sound transmission class (STC) of not less than sixty (60). Floor/ceiling assemblies separating dwelling units from each other or from public or service areas shall have an impact insulation class (IIC) of not less than sixty (60).

Sec. 6-1303. Minimum Exterior Finish Requirements.

- (A) Use Group F, H, and S of the International Building Code: The exterior finish of the exterior walls shall be brick masonry a minimum six feet (6') above finish exterior grade level. All building elevations facing any street shall be brick masonry a minimum ten feet (10') in height with returns of not less than twelve feet (12') on elevations not facing a street. Brick masonry may be omitted on buildings with exteriors constructed entirely of precast or cast on site concrete panels.
- (B) Use Group A, B, E, I, R-1, or M of the International Building Code: The exterior finish of the exterior walls of all new buildings, additions and facade changes shall have an exterior finish of brick masonry. Additions that are compatible and similar to the existing building may have the exterior finish be of combustible material only if applied to a noncombustible surface. The combustible finish shall not extend more than thirty feet (30') above grade.

Exception: Alternate exterior finish materials approved through the Building Appearance Process.

- (C) Use Group R-2, R-3, R-4 or Single Family Attached or Single Family Detached: The exterior finish of the exterior walls shall be compatible with the construction type, except that buildings that are attached single family shall have exterior brick masonry to the height of the first floor for side by side dwelling units and for the full height of the exterior walls where dwelling units occur above other dwelling units or above the garages of other dwelling units.

Exception: Structures constructed as accessory utility (Use Group U) to an R-2, R-3, R-4 or single-family residence shall not be required to meet the preceding standards.

Sec. 6-1304. Car Wash Facilities.

For all new construction and when replacement of any major device in existing car wash facilities becomes necessary then the replacement car wash installations shall be equipped with a water recycling system.

Sec. 6-1305. Roof Drains, Conductors and Leaders.

Roof drains, conductors and leaders shall be designed and installed in compliance with Chapter 11 of the 2018 International Plumbing Code.

Sec. 6-1306. Construction and Operation of Fire and Law Enforcement Training Facilities.

Section 3114 of the 2024 International Building Code is hereby adopted, in its entirety, including any and all chapters and sections of the 2024 International Building Code referenced therein, for the limited purpose of permitting governmental entities to construct and operate fire and law enforcement training facilities in the M2 General Manufacturing District, in accordance with the Village's Zoning Ordinance. (Ord. 25-19)

Article 14. Cross Connection Control.

Sec. 6-1400. Cross-Connection Control.

Sec. 6-1401. Definitions.

The following definitions shall apply in the interpretation and enforcement of this article:

- (A) **Fixed proper air gap:** The unobstructed vertical distance through the free atmosphere between the water discharge Point and the flood level rim of the receptacle.
- (B) **Agency:** Illinois Environmental Protection Agency.
- (C) **Approved:** Backflow prevention devices or methods approved by the Research Foundation for Cross-Connection Control of the University of Southern California, Association, American National Standards Institute or certified by the National Sanitation Foundation.
- (D) **Auxiliary water systems:** Any water system source or system on or available to the premises other than a public water supply. These auxiliary waters may include water from another purveyor's public water supply systems; or water from a source such as wells, lakes, or streams, or process fluids; or used water. These waters may be polluted or contaminated or objectionable or constitute a water source or system over which the water purveyor does not have control.
- (E) **Backflow:** The flow of water or other liquids, mixtures, or substances into the distribution pipes of a potable water system from any source other than the intended source of the potable water supply.
- (F) **Backflow prevention device:** Any device, method, or type of construction intended to prevent backflow into a potable water system. All devices used for backflow prevention

in Illinois must meet the standards of the Illinois Plumbing code and the Illinois Environmental Protection Agency.

- (G) **Consumer or Customer:** The owner, official custodian or person in control of any premises supplied by or in any manner connected to a public water system.
- (H) **Consumer's water system:** A Public Water System which services at least fifteen (15) service connections used by year round residents or regularly serves at least twenty-five (25) year round residents
- (I) **Contamination:** An impairment of the quality of the water by entrance of any substance to a degree which could create a health hazard.
- (J) **Cross-Connection:** Any physical connection or arrangement between two (2) otherwise separate piping systems, one of which contains potable water and the other contains a substance of unknown or questionable safety or quality, whereby there may be a flow from one system into the other.
- (K) **Direct Cross-Connection:** A cross-connection formed when a water system is physically joined to a source of unknown or unsafe substance.
- (L) **Double Check Valve Assembly:** An assembly composed of two single and independent check valves approved under ASSE standard 1015. A double check valve assembly must include tight shutoff valves located at each end of the assembly and suitable connections for testing the water-tightness of each check valve.
- (M) **Health hazard:** Any condition, device or practice in a water system or its operation resulting from a real or potential danger to the health and well-being of consumers. The word "severe" as used to qualify "health hazard " means a hazard to the health of the user that could be expected to result in death or significant reduction in the quality of life.
- (N) **Indirect Cross-Connection:** A cross-connection through which an unknown substance can be forced, drawn by vacuum or otherwise introduced into a safe potable water system.
- (O) **Inspection:** A plumbing inspection to examine carefully and critically all materials, fixtures, piping and appurtenances, appliances and installation of a plumbing system for compliance with requirements of the Illinois Plumbing Code.
- (P) **Non-potable water:** Water that does not meet Public Health Standards for drinking water and is not suitable for Human Consumption.
- (Q) **Plumbing:** The actual installation, repair, maintenance, alteration or extension of a plumbing system by any person. Plumbing includes all piping, fixtures, appurtenances and appliances for a supply of water for all purposes, including the source of a private water supply on the premises or from the main in the street, alley or at the curb to, within and about any building or buildings where a person or persons live, work or assemble. Plumbing includes all piping, from discharge of pumping units to and including pressure

tanks in water supply systems. Plumbing includes all piping, fixtures, appurtenances, and appliances for a building drain and sanitary drainage and related ventilation system of any building drain to the building sewer or private sewer disposal system five feet beyond the foundation walls.

- (R) **Pollution:** The presence of any foreign substance (organic, inorganic, radiological, or biological) in water that tends to degrade its quality so as to constitute a hazard or impair the usefulness of the water.
- (S) **Potable Water:** Water which meets the requirements of 35 Ill. Adm. Code 604 for drinking, culinary, and domestic purposes.
- (T) **Potential cross connection:** A fixture or appurtenance with threaded hose connections, tapered spout, or other connection which would facilitate extension of the water supply line beyond its legal termination point.
- (U) **Process fluid(s):** Any fluid or solution which may be chemically, biologically or otherwise contaminated or polluted in a form or connection such as would constitute a health, pollution, or system hazard if introduced into the public or a consumer's potable system. This includes but is not limited to:
 - (1) Polluted or contaminated waters;
 - (2) Process waters;
 - (3) Used water originating from the public water supply system which may have deteriorated in sanitary quality;
 - (4) Cooling waters;
 - (5) Questionable or contaminated natural waters taken from wells, lakes, streams, or irrigation systems;
 - (6) Chemicals in solution or suspension; and
 - (7) Oils, gases, acids, alkalis and other liquid and gaseous fluids used in industrial or processes, or for firefighting purposes.
- (V) **Public water supply:** All mains, pipes and structures through which water is obtained and distributed to the public, including wells and well structures, intakes and cribs, pumping stations, treatment plants, reservoirs, storage tanks and appurtenances, collectively or severally, actually used or intended for use for the purpose of furnishing water for drinking or general domestic use and which serve at least fifteen (15) service connections or which regularly serve at least twenty-five (25) persons at least sixty (60) days per year. A public water supply is either a "community water supply" or a non-community water supply".
- (W) **Reduced pressure principle backflow prevention device (RPZ):** A device containing a minimum of two independently acting check valves together with an automatically operated pressure differential relief valve located between the two check valves and approved under ASSE Standard 1013. During normal flow and at the cessation of normal flow, the pressure between these two (2) checks shall be less than the supply pressure. In case of leakage of either check valve, the differential relief valve, by discharging to the atmosphere, shall operate to maintain the pressure between the check valves at less than

the supply pressure. The unit shall include tightly closing shutoff valves located at each end of the device, and each device shall be fitted with properly located test cocks.

- (X) **Service connection:** The opening, including all fittings and appurtenances, at the water main through which water is supplied to the user.
- (Y) **Survey:** The collection of information pertaining to a customer's piping system regarding the location of all connections to the public water supply system that must include the location, type and most recent inspection and testing date of all cross-connection control devices and methods located within the customer's piping system. The survey must be in written form, and shall not be an actual plumbing inspection.
- (Z) **System hazard:** A condition through which an aesthetically objectionable or degrading material not dangerous to health may enter the public water supply system or a consumer's potable water system.
- (AA) **Used water:** Any water supplied by a public water supply system to a consumer's water system after it has passed through the service connection and is no longer under the control of the water supply official custodian.
- (BB) **Water purveyor:** The owner or official custodian of a public water system.

Sec. 6-1402. Reserved for future use.

Sec. 6-1403. Water System Defined.

- (A) The water system shall be considered as made up of two (2) parts: the public water supply system and the consumer's water system.
- (B) The public water system shall consist of the source facilities and the distribution system, and shall include all those facilities of the potable water system under the control of the Director of Public Works up to the point where the consumer's water system begins.
- (C) The source shall include all components of the facilities utilized in the production, treatment, storage, and delivery of water to the public water supply distribution system.
- (D) The public water supply distribution system shall include the network of conduits used to deliver water from the source to the consumer's water system.
- (E) The consumer's water system shall include all parts of the facilities beyond the service connection used to convey water from the public water supply distribution system to points of use.

Sec. 6-1404. Cross-connection Prohibited.

- (A) Connections between potable water systems and other systems or equipment containing water or other substances of unknown or questionable quality are prohibited except when

and where approved cross-connection control devices or methods are installed, tested and maintained to insure proper operation on a continuing basis.

- (B) (1) No physical connection shall be permitted between the potable portion of a supply and any other water supply not of equal or better bacteriological and chemical quality determined by inspection and analysis by the Village of Addison or Agency.
- (2) There shall be no arrangement or connection by which an unsafe substance may enter a supply.
- (C) All plumbing installed within the Village of Addison shall be installed in accordance with the Illinois Plumbing Code, 77 Ill.Adm.Code 890. If, in accordance with the Illinois Plumbing Code or in the judgment of the Director of Public Works, an approved backflow prevention device is necessary for the safety of the public water supply system, the Director of Public Works will give notice to the water customer to install such an approved device immediately. The water customer shall, at his own expense, install such an approved device at a location and in a manner in accordance with the Illinois Plumbing Code, Illinois Environmental Protection Agency and all applicable local regulations, and shall have inspections and tests made of such approved devices upon installation and as required by the Illinois Plumbing Code, Illinois Environmental Protection Agency and local regulation.
- (D) No person, firm or corporation shall establish or permit to be established or maintain or permit to be maintained any connection whereby a private, auxiliary or emergency water supply other than the regular public water supply may enter the supply or distribution system of said municipality, unless such private, auxiliary or emergency water supply and the method of connection and use of such supply shall have been approved by the Director of Public Works and the Illinois Environmental Protection Agency.

Sec. 6-1405. Survey and Investigation.

- (A) The consumer's premises shall be open at all reasonable times to the Villages approved cross connection control device inspector for the inspection of the presence or absence of cross-connections within the consumer's premises, and testing, repair and maintenance of cross-connection control devices within the consumer's premises. It shall be the duty of the Director of Public Works or his designee to cause surveys and investigations to be made of industrial and other properties served by the public water supply to determine whether actual or potential hazards to the public water supply may exist. Such surveys and investigations shall be made a matter of public record and shall be repeated at least every two years, or as often as the Director of Public Works shall deem necessary. Records of such surveys shall be maintained and available for review for a period of at least five (5) years.
- (B) The Village's approved cross-connection control device inspector shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system for the purpose of verifying the presence or absence of cross-connections, and the Director of Public Works or his authorized agent shall have

the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system for the purpose of verifying information submitted by the customer regarding the required cross-connection control inspection. On demand the owner, lessees or occupants of any property so served shall furnish to the Director of Public Works any information which he may request regarding the piping system or systems or water use on such property. The refusal of such information, when demanded, shall, within the discretion of the Director of Public Works, be deemed evident of the present of improper connection as provided for in this article.

- (C) On request by the Director of Public Works, or his authorized representative, the consumer shall furnish information regarding the piping system or systems or water use within the customer's premise. The consumer's premises shall be open at all reasonable times to the Director of Public Works for verification of information submitted by the inspection.
- (D) It shall be the responsibility of the water consumer to arrange periodic surveys of the water use practices on his premises to determine whether there are actual or potential cross-connections to his water system through which contamination or pollutants could backflow into his water system.

Sec. 6-1406. Prevention of Backflow.

It is the responsibility of the water consumer to prevent backflow into the public water system by ensuring that:

- (A) All cross-connections are removed, or approved cross-connection control devices are installed for control of backflow and back-siphonage.
- (B) Cross-connection control devices shall be installed in accordance with the manufacturer's instruction.
- (C) Cross-connection control devices shall be inspected at the time of installation and at least annually by a person approved by the Agency as a cross-connection control device inspector (CCCDI). The inspection of mechanical devices shall include physical testing in accordance with the manufacturer's instruction.
- (D) Testing and records
 - (1) Each device shall be tested at the time of installation and at least annually or more frequently if recommended by the manufacturer.
 - (2) Records submitted to the community public water supply shall be available for inspection by the Agency's personnel.
 - (3) Each device shall have a tag attached listing the date of the most recent test, name CCCDI, and the type and date of repairs.

- (4) A maintenance log shall be maintained, by the water consumer, and include the following:
 - (a) Date of each test;
 - (b) Name and approval number of person performing the test;
 - (c) Test results;
 - (d) Repairs or servicing required;
 - (e) Servicing performed and date completed.

Sec. 6-1407. Where Protection Is Required.

- (A) An approved backflow device shall be installed on all connections to the public water supply as described in the plumbing code, 77 Ill. Adm. Code 890 and the agency's regulations 35 Ill. Adm. 680. In addition, an approved backflow prevention device shall be installed on each service line to a consumer's water system serving premises, where in the judgment of the Director of Public Works, actual or potential hazards to the public water supply system exist.
- (B) An approved backflow prevention device shall be installed on each service line to a consumer's water system serving premises where the following conditions exist:
 - (1) Premises having an auxiliary water supply, unless such auxiliary supply is accepted as an additional source by the Director of Public Works and the source is approved by the Illinois Environmental Protection Agency.
 - (2) Premises on which any substance is handled which can create an actual hazard, including premises having sources or systems containing process fluids or water originating from public water supply systems which are no longer under the sanitary control of the Director of Public Works.
 - (3) Premises having internal cross-connections that, in the judgment of the Director of Public Works and/or the cross-control device inspector, are not correctable, or intricate plumbing arrangements which make it impractical to determine whether or not cross-connections exist.
 - (4) Premises where, because of security requirements or other prohibitions or restrictions, it is impossible or impractical to make a complete cross-connection survey.
 - (5) Premises having a repeated history of a cross-connection being established or re-established.
- (C) An approved backflow prevention device shall be installed on all connections to the public water supply as described in the Plumbing Code, 77 Ill. Adm. Code 890 and the Agency's regulations, 35 Ill Adm. Code 653. In addition, an approved backflow prevention device shall be installed on each service line to a consumer's water system serving, but not necessarily limited to, the following types of facilities; unless the

Director of Public Works determines that no actual or potential hazard to the public water supply system exists:

- (1) Hospitals, mortuaries, clinics, nursing homes, dentist offices.
- (2) Laboratories.
- (3) Piers, docks, waterfront facilities.
- (4) Sewage treatment plants, sewage pumping stations or storm water pumping stations.
- (5) Food or beverage processing plants.
- (6) Chemical plants.
- (7) Metal plating industries.
- (8) Petroleum processing or storage plants.
- (9) Radioactive material processing plants.
- (10) Car washes.
- (11) Pesticides, herbicides or extermination plants.
- (12) Farm service and fertilizer plants.
- (13) Lawn sprinkling systems/fire sprinkling systems.

Sec. 6-1408. Reserved for future use.

Sec. 6-1409. Fire Safety Systems.

A reduced pressure principle backflow preventer (RPZ) shall be installed to protect the community water supply against backflow and back-siphonage when:

- (A) The fire safety system contains antifreeze, fire retardant or other chemicals;
- (B) Water is pumped into the fire safety system from another source; or
- (C) Water flows into the fire safety system by gravity from a non-potable source; or
- (D) There is a connection whereby water can be pumped into the fire safety system from any other source.

Sec. 6-1410. Backflow Prevention Devices.

All backflow prevention devices or methods required by this Chapter shall be approved by the Research Foundation for Cross Connection Control of the University of Southern California, American Water Works Association, American Society of Sanitary Engineering, or American National Standards Institute or certified by the National Sanitary Foundation to be in compliance with applicable industries specification.

Sec. 6-1411. Inspection and Maintenance.

- (A) It shall be the duty of the consumer of any premises on which backflow prevention devices required by these regulation are installed to have inspections, tests, maintenance and repair made in accordance with the following schedule or more often where inspections indicate a need or are specified in manufacturer's instructions.

- (1) Fixed proper air gap separations shall be inspected to document that a proper vertical distance is maintained between the discharge point of the service line and the flood level rim of the receptacle at the time of installation and at least annually thereafter. Corrections to improper or by-pass air gaps shall be made within twenty-four (24) hours.
 - (2) Existing double check valve assemblies shall be inspected and tested at least annually, and required service shall be performed within five (5) days.
 - (3) Reduced pressure principle backflow prevention assemblies shall be tested at the time of installation and at least annually or more frequently if recommended by the manufacturer, and required service performed within five (5) days, of the date of inspection.
- (B) Testing shall be performed by a person who has been approved by the Agency as competent to service the device. Proof of the agency's approval shall be in writing.
- (C) Each device shall have a tag attached listing the date of most recent test or visual inspection, name of tester, and type and date of repair.
- (D) A maintenance log shall be maintained and shall include:
- (1) Date of each test or visual inspection;
 - (2) Name and Agency approval number of person performing the test or visual inspection;
 - (3) Test results;
 - (4) Repairs or servicing required;
 - (5) Repairs and date completed; and
 - (6) Servicing performed and date completed.
- (E) Whenever backflow prevention devices required by these regulations are found to be defective, they shall be repaired or replaced at the expense of the consumer without delay.
- (F) Backflow prevention devices shall not be bypassed, made inoperative, removed or otherwise made ineffective without specific authorization by the Director of Public Works.

Sec. 6-1412. Booster Pumps.

- (A) Where a booster pump has been installed on the service line to or within any premises, such pump shall be equipped with a low pressure cut-off device designed to shut-off the booster pump when the pressure on the suction side of the pump drops to twenty (20) psi or less.

- (B) It shall be the duty of the water consumer to maintain the low pressure cut-off device in proper working order and to certify to the Director of Public Works, at least once a year that the device is operable.

Sec. 6-1413. Violations.

- (A) The Director of Public Works shall deny or discontinue, after reasonable notice to the occupants thereof, the water service to any premises wherein any backflow prevention device required by these regulations is not installed, tested, maintained and repaired in a manner acceptable to the Director of Public Works, or if it is found that the backflow prevention device has been removed or bypassed, or if an unprotected cross-connection exists on the premises, or if a low pressure cut-off device required by these regulations is not installed and maintained in working order.
- (B) Water service to such premises shall not be restored until the consumer has corrected or eliminated such conditions or defects in conformance with these regulations and to the satisfaction of the Director of Public Works and the required reconnection fee of one hundred dollars (\$100.00) is paid.
- (C) Water service to such premises shall not be restored until the consumer has corrected or eliminated such conditions or defects in conformance with these Regulations and to the satisfaction of the Director of Public Works.
- (D) Neither the Village of Addison, the Director of Public Works, or its agents or assigns shall be liable to any customers of the Village of Addison for any injury, damages or lost revenues which may result from termination of said customer's water supply in accordance with the terms of this Article, whether or not said termination of the water supply was with or without notice.
- (E) The consumer responsible for back-siphoned material or contamination through backflow, if contamination of the potable water supply system occurs through an illegal cross-connection or an improperly installed, maintained or repaired device, or a device which has been bypassed, must bear the cost of clean-up of the potable water supply system.
- (F) Any person found to be violating any provision of this Article shall be served with written notice stating the notice of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violation. Failure to comply shall subject the offender to the penalties provided hereinafter in this Chapter.
- (G) Any person violating any of the provisions of this article in addition to the fine provided shall become liable to the Village of Addison for any expense, loss or damage occasioned by the Village of Addison by reason of such violation, whether the same was caused before or after notice.

Article 15. Penalties.

Sec. 6-1501. Enforcement - Penalties.

Any person, firm, company or corporation, who violates, disobeys, omits, neglects or refuses to comply with or who resists the enforcement of any of the provisions of this Code, shall be deemed guilty of a violation punishable by a fine not less than one-hundred fifty dollars (\$150.00) or more than one thousand dollars (\$1,000.00), for each offense, and each day on which a violation continues shall constitute a distinct and separate offense. The Village may further seek the recovery of any court costs or of any outstanding fees owed to the Village under this Code in such proceedings.