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January 25, 2018

Mark Karaszewski
Director of Inspection Services
Village of Round Lake Beach
1937 N. Municipal Way
Round Lake Beach, Illinois 60073

RE: IDPH Approval of Plumbing Ordinance – Village of Round Lake Beach

Dear Mr. Karaszewski,

The Illinois Department of Public Health (“IDPH” or the “Department”) has received a certified copy of the Village of Round Lake Beach’s (the “Village”) plumbing ordinance adopted on May 23, 2016 attached and referenced here. Pursuant to Sections 36 and 38 of the Illinois Plumbing License Law (the “Law”; 225 ILCS 320) and Section 750.800(b) of the Illinois Plumbing Licensing Code (the “Code”; 78 Ill. Adm. Code 750), units of local government should seek advisement for the adoption of a local plumbing ordinance.

As authorized by the Law and Code, the Department hereby approves the Village of Round Lake Beach’s adoption of the amendments relative to the following Sections of the Illinois Plumbing Code (77 Ill. Adm. Code 890):

- Section 890.210 Materials
- Section 890.510 Grease Interceptor Requirements
- Section 890.630 Installation
- Section 890.1380 Storm Water Drainage within a Building
- Section 890.1010 Indirect Waste Piping
- Section 890.1370 Floor Drains

These amendments shall be approved until five (5) years after the date of the adoption of the subject ordinance or until the promulgation of subsequent revisions of the amended Sections of the ILPC by the Department. The Department neither approves nor disapproves of administrative language added by the Village in these Sections.

If you have any further questions concerning the Village’s adoption of the Illinois Plumbing Code, please contact the Illinois Plumbing and Water Quality Program at (217) 524-0791 or at dph.plumbing@illinois.gov.

Sincerely,

Brian W. Cox, P.E.
Manager, Plumbing and Water Quality Program

CERTIFICATION

I hereby certify that I am the duly appointed and qualified Deputy Clerk of the Village of Round Lake Beach, County of Lake, State of Illinois, and keeper of the records of the proceedings of said Village, and that the attached document is a true and correct copy of Ordinance No. 16-05-03, "An Ordinance of the Village of Round Lake Beach, Lake County, Illinois, Repealing and Replacing Section 8-1-1-1 through Section 8-1-1-5 of the Village Code Regarding Certain Building Code Regulations" passed by a majority vote at a meeting of the Village Board of said Village, legally held on May 23, 2016 at which a quorum was present.

Dated: _____

January 18, 2018
Nancy Steen, Deputy Clerk

Nancy Steen, Deputy Clerk
Village of Round Lake Beach



ORDINANCE NO. 16-05-03

**AN ORDINANCE REPEALING AND REPLACING 8-1-1-1
THROUGH 8-1-1-5 OF THE VILLAGE CODE REGARDING
CERTAIN BUILDING CODE REGULATIONS**

WHEREAS, the Village of Round Lake Beach is a home rule municipality under the Illinois Constitution of 1970;

WHEREAS the Village has in place ordinances that protect the health, safety and welfare of its residents in accordance with the authority of the Illinois Municipal Code;

WHEREAS, the Village Board had previously approved ordinances which adopted certain national codes and amendments, deletions and modifications thereto as Sections 8-1-1-1 (Building Code), 8-1-1-2 (Residential Code for One and Two Family Dwellings), 8-1-1-3 (Plumbing Code), 8-1-1-4 (Electrical Code) and 8-1-1-5 (Mechanical Code);

WHEREAS, the Village Board desires to adopt more current versions of the national and state codes with certain amendments, deletions and modifications;

WHEREAS, the proposed amendments to the codes were submitted to the Capital Development Board as required by law and the proposed changes to Section 8-1-1-3 were submitted to the Illinois Department of Public Health which reviewed, revised and tentatively approved the amendments;

WHEREAS, the Village Board finds that the changes to the Village Code set forth herein are necessary and in the best interests of the residents of the Village.

NOW THEREFORE BE IT ORDAINED BY the Mayor and Board of Trustees of the Village of Round Lake Beach, Lake County, Illinois in the exercise of its home rule powers as follows:

Section 1: The above-stated recitals are incorporated by this reference.

Section 2: Title 8, Chapter 1, Sections 8-1-1-1 through 8-1-1-5 are repealed and replaced with new Sections 8-1-1-1 through 8-1-1-5 which are attached hereto as Exhibit A.

Section 3: If any part of this Ordinance is found to be invalid, the invalid portion shall be deemed to be stricken and the remainder shall be in full force and effect.

Section 4: Any ordinance in conflict with this Ordinance is repealed to the extent of such conflict.

Section 5: This Ordinance shall be in full force and effect from and after its passage and approval.

ORDINANCE 16-05-03

Approved and passed this 23rd day of May, 2016.

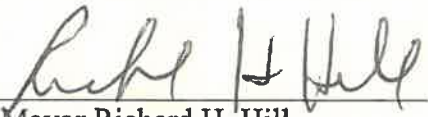
Ayes: 5 (TRUSTEES WALLACE, BUTLER, BENES, HUSK, VALADEZ)

Nays: 0

Absent: 1 (TRUSTEE MOUNT)

Abstain 0

VILLAGE OF ROUND LAKE BEACH

By: 
Mayor Richard H. Hill

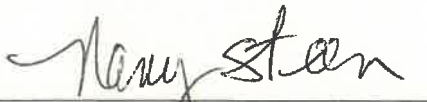
Attest: 
Nancy Steen, Deputy Clerk

EXHIBIT A

TITLE 8 - BUILDING REGULATIONS CHAPTER 1. - BUILDING CODES

Sec. 8-1-1. - Codes and specifications adopted.

Sec. 8-1-1-1. - Building code.

- A. Adoption of code: That a certain document, three copies of which are on file in the office of the code official of the village being marked and designated as the International Building Code, 2012 Edition, as published by the International Code Council, be and is hereby adopted as the building code of the Village of Round Lake Beach in the State of Illinois; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said International Building Code, are hereby referred to, adopted and made a part hereof as if fully set out in this section, with the additions, insertions, deletions and changes prescribed in subsection B. of this section.
- B. Amendments:

CHAPTER 1 ADMINISTRATION

1. Amend § 101.1 Title to read as follows:

101.1 Title. These regulations shall be known as the Building Code of the Village of Round Lake Beach, hereinafter referred to as "this code."

2. Amend § 101.4.3 Plumbing to read as follows:

101.4.3 Plumbing. The provisions of 77 ILL. ADM. CODE 890, shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of the International Sewage Disposal Code shall apply to private sewage disposal systems in all circumstances and conditions not covered by the Illinois State Plumbing Code.

3. Delete SECTION 103 DEPARTMENT OF BUILDING SAFETY and the subsections thereof.

4. Amend § 105.2 Work exempt from permit by:

Building:

Modify 1. One story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 100 square feet and does not have a permanent foundation

Delete 2. Fences not over 7 feet (2134 mm) high.

Delete 3. Oil Derricks

Delete 4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II, or III-A liquids.

Delete 6. Sidewalks and driveways not more than 30 inches (762 mm) above grade and not over any basement or story below and which are not parts of an accessible route.

5. Modify § 105.3.2 Time limitation of application to read as follows:

105.3.2 Time limitation of application. An application for a permit for any proposed work shall be deemed to have been abandoned 60 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 60 days each. The extensions shall be requested in writing and justifiable cause demonstrated. Applications and plans deemed to have been abandoned under this subsection may be discarded by the building official and the applicant shall not be entitled to any refund(s).

6. Modify § 105.5 Expiration, to read as follows:

105.5 Expiration. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 90 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the work is commenced. Permits invalidated under this subsection shall not be entitled to any refund(s). The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

7. Add a new section § 105.5.1 Time limits for permits to read as follows:

105.5.1 Time limits for permits. Permits for the construction of buildings and structures, for renovations, alterations, and tenant build-outs shall become null and void, and the construction authorized by such permits shall be completed within the time frames listed below. Construction not completed within these time frames shall be removed within six (6) months of such permit becoming null and void. The building official is authorized to grant, in writing, one or more extensions of time, for periods of not more than ninety (90) days each. Such extension(s) shall be requested in writing and justifiable cause demonstrated.

- a. Commercial structures: two (2) years
- b. Single-family homes: one (1) year
- c. Accessory structures: six (6) months
- d. Commercial tenant improvements/alterations: one (1) year
- e. Single-family additions and alterations: one (1) year

8. Modify § 107.1 Submittal documents to read as follows:

107.1 Submittal documents. Construction documents, special inspection and structural observation programs, and other data shall be submitted in three or more sets with each

application for a permit. The construction documents shall be prepared by a registered design professional where required by the statutes of the Village of Round Lake Beach. Where, in the opinion of the building official, special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

Exception: unchanged.

9. Add a new § 107.2.5.2 Grading plan required. To read as follows:

107.2.5.2 Grading plan required. All proposed lot grading shall be represented by contour lines at five-foot (5') intervals and such contours shall show how the proposed grading will blend with existing topography.

10. Delete § 109.6 Refunds, and add a new § 109.6 Refunds, to read as follows:

109.6 Refunds. In the case of a revocation of a permit or abandonment or discontinuance of a building project, no refunds shall be made, nor shall any unused fee for incomplete work be applied to the same or another project.

11. Delete § 113.1 General. § 113.2 Limitation on authority and § 113.3 Qualifications and insert a new section § 113.1 Board of Appeals to read as follows:

§ 113.1 Board of Appeals. The Round Lake Beach Board of Trustees shall be the Board of Appeals to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

12. Modify § 114.4 Violation penalties. To read as follows:

114.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or a directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of not more than \$1,500.00 or by imprisonment not exceeding 180 days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

CHAPTER 2 DEFINITIONS

13. Modify § 201.3 Term defined in other codes to read as follows:

201.3 Terms defined in other codes. Where terms are not defined in this code and are defined in the State of Illinois Plumbing Code, International Mechanical Code, International Fuel Gas Code, International Energy Conservation Code or International Fire Code as amended, such terms shall have the meanings ascribed to them in those codes.

14. Modify § 202 DEFINITIONS as follows:

BUILDING OFFICIAL. The officer or other designated authority charged with the administration and enforcement of this code, or a duly authorized representative. The term BUILDING OFFICIAL shall include the term CODE OFFICIAL.

CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

15. Add a new § 411.1.1 Temporary haunted house. To read as follows:

411.1.1 Temporary haunted house. A temporary use permit, not to exceed 30 days, may be issued by the building official for a haunted house in an existing structure provided the following criteria are approved:

1. Inspection reports from the building inspection staff and the fire marshal acceptable to the building official.
2. A plot plan showing all structures on the property and sufficient parking for the anticipated customers.
3. A floor plan showing the following:
 - a. existing exits and means of egress.
 - b. proposed layout of partitions, windows.
 - c. that the travel distance from any point to an exit does not exceed fifty feet (50').
 - d. that interior finishes and materials to be used for decorations shall be Class A.
 - e. permanent, temporary, and emergency lighting.
4. The floor plan shall show the methods to be used for the promotion of continuous movement of occupants throughout the amusement such as but not limited to:
 - a) Permanently stationed supervisory personnel.
 - b) Directional arrows.
 - c) Exit sign locations.
 - d) Other means.
5. The floor plan shall show the methods to be used for the promotion of fire protection:
 - a) Fire suppression system.
 - b) Fire detection and/or alarm system.
 - c) Portable fire extinguishers.

CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

16. Amend § 505.2.1 Area limitation.

505.2.1 Area limitation. Delete the last sentence before the exceptions: Where a room contains both a mezzanine and an equipment platform, the aggregate area of the two

raised floor levels shall be not greater than two-thirds of the floor area of that room or space in which they are located. Add a new sentence to read as follows:

Equipment platforms that are an integral part of the equipment they serve shall not be considered as mezzanines.

CHAPTER 9 FIRE PROTECTION SYSTEMS

17. Delete § 903.2.1.3 in its entirety and substitute a new section therefore to read as follows:

903.2.1.3 Group A-3 and Business Group B. An automatic sprinkler system shall be provided throughout a fire area containing a Group A-3 or Business Group B occupancy where one of the following conditions exists:

1. The fire area exceeds 12,000 square feet (1115 m²).
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than the level of exit discharge.

18. Delete § 903.2.8 and its subsections in their entirety and substitute new sections therefore to read as follows:

Add 903.2.8 **Group R-1.** An automatic sprinkler system shall be provided throughout all fire areas including basements and attached garages containing a Group R-1 occupancy.

Add 903.2.8.1 **Group R-2.** An automatic sprinkler system shall be provided throughout all fire areas including basements attached garages containing a Group R-2 occupancy.

Add 903.2.8.2 **Groups R-3 and R-4.** An automatic sprinkler system shall be provided throughout all fire areas including basements attached garages containing Groups R-3 and R-4 occupancy.

Add 903.2.8.3 **System Review and Approval:** All construction documents for a proposed fire sprinkler system shall be submitted to the code official for review and comment prior to any work being started. A permit is required for the installation or modification of any fire sprinkler system. Three (3) complete sets of construction documents are required. The submitted documents shall include manufacturer's specification sheets for all equipment, devices and piping to be installed, hydraulic calculations, a scaled drawing showing location of each device and any other information needed to allow the code official to efficiently determine if the proposed system meets the minimum requirements of adopted codes and ordinances.

Add 903.2.8.3.1 **Maintenance of System:** The property owner shall be responsible for the condition of a fire sprinkler system and shall keep the fire sprinkler system in normal operating condition at all times in accordance with the NFPA 13D and the International Fire Code (as amended locally). A copy of the minimum maintenance requirements shall be provided to the property owner by the builder or seller.

Add 903.2.8.3.2 **Spare Sprinkler Heads:** At least one (1) spare fire sprinkler head of each type, temperature rating and orifice size used in the system and a fire sprinkler

head installation wrench of the appropriate type, shall be kept on the premises in a readily accessible and obvious location.

Add 903.2.8.4 Acceptable Water Sources: A connection to a reliable public potable water works system with or without an automatically operated pump. Such potable water connection shall be protected by an approved backflow prevention device.

Exception: In areas not served by a reliable public potable water works system, a stored water source re-supplied at all times from a potable well with an automatically operated pump, properly sized in accordance with NFPA13 shall be permitted

Add 903.2.8.4.1 Backflow devices shall be tested annually and a copy of such test must be submitted to the code official, a copy of which must be retained in the property file. The property owner shall sign a backflow maintenance agreement prior to occupancy of the structure. A copy of the backflow maintenance agreement with attached test results shall be submitted to the code official.

Add 903.2.8.4.2 Insulation Required: Fire sprinkler piping installed in unconditioned spaces, including but not limited to, unheated crawl spaces, attics and attached storage spaces, shall be protected by approved insulation material having a six-inch (6") nominal depth of material when installed completely around the piping system.

19. Add a new § 903.6 KEY BOXES

903.6. Where required. A key box meeting the criteria of the Fire Department having jurisdiction shall be installed in all buildings required by this code to have a fire suppression, fire protective signaling or a fire detection system.

Exceptions: Special occupancy structures as determined by the building official, including but not limited to the following:

Open parking structures

Gas station canopies

Utilities

903.6.1. Supervision. Required key boxes shall be electronically supervised.

903.6.1.1 Contents of Key Box. Required key boxes shall be of sufficient size and shall contain keys to all areas required by the building official to be accessible in emergency conditions, the automatic fire alarm system, manual resetting tool(s), and such other items as may be determined to be necessary by the building official.

20. Modify §907.1.2 by deleting exception #13. Classification of the supervising station

21. Delete § 907.6.5 Monitoring in its entirety and add a new 907.6.5 to read as follows:

907.6.5 Monitoring. The transmission of all required automatic fire alarm signals shall be by wireless radio transmission to an approved location

Exception: Monitoring is not required for:

1. Single and multiple station smoke alarms required by Section 907.2.11
2. Smoke detectors in group I-3 occupancies
3. Automatic sprinkler systems in one and two family dwellings

CHAPTER 10 MEANS OF EGRESS

22. Add a new § 1027.6 to read as follows:

1027.6 Grade exit discharge doors. When required to swing in the direction of egress travel, grade exit discharge doors shall be provided with a hard level landing surface acceptable to the building official beneath the door swing.

23. Add a new § 1027.6.1 to read as follows:

1027.6.1 Landing surface. The exterior surface shall be slip resistant and have a slope not to exceed 1 unit vertical in 48 units horizontal in any direction.

CHAPTER 11 ACCESSIBILITY

24. Delete entire chapter and substitute the current edition of the Illinois Accessibility Code.

CHAPTER 12 INTERIOR ENVIRONMENT

25. Modify § 1206.3.3 to read as follows:

1206.3.3 Court drainage. The bottom of every court shall be properly graded and drained to a public sewer or other approved disposal system complying with the State of Illinois Plumbing Code as amended, and shall be paved with concrete or asphalt.

26. Add a new § 1209.1.1 to read as follows:

1209.1.1 Minimum height. Crawl spaces wherein equipment, including water meters, is installed shall have a clear minimum height of forty-two inches (42") measured from the bottom of the lowest beam, joist or truss to the top of the crawl space floor surface.

27. Add a new § 1209.1.2 to read as follows:

1209.1.2 Crawl space floors. In crawl spaces the ground shall be covered with a minimum six (6) mil or better polyethylene film (or material of equal perm rating) lapped eight inches (8") at all seams and extend up foundation walls a minimum of eight inches (8"). Over this shall be placed a minimum of four inches (4") of pea gravel.

CHAPTER 18 SOILS AND FOUNDATIONS

28. Delete § 1807.1.4 and substitute a new section therefore to read as follows:

1807.1.4 Wood foundations. Wood foundation systems shall not be permitted in the Village of Round Lake Beach.

CHAPTER 27 ELECTRICAL

29. Modify § 2701.1 to read as follows:

2701.1 Scope. This chapter governs the electrical components, equipment and systems used in buildings and structures covered by this code. Electrical components, equipment and systems shall be designed and constructed in accordance with the provisions of the 2011 National Electrical Code.

30. Modify § 2702.1 to read as follows:

2702.1 Installation. Emergency and standby power systems shall be installed in accordance with the 2011 National Electrical Code, NFPA 110 and NFPA 111.

CHAPTER 29 PLUMBING SYSTEMS

31. Modify § 2901.1 to read as follows:

2901.1 Scope. The provision of this Title 8 and 77 ILL. ADM. CODE 890, shall govern the erection, installation, alteration, repairs, relocation, replacement addition to, use or maintenance of plumbing equipment and systems, except that where this chapter may be in conflict with 77 ILL. ADM. CODE 890, the latter shall prevail. Plumbing systems and equipment shall be constructed, installed and maintained in accordance with 77 ILL. ADM. CODE 890. Private sewage disposal systems shall conform to the International Private Sewage Disposal Code and the applicable ordinances, rules and regulations of Lake County, Illinois. Where the Private Sewage Disposal Code may be in conflict with the ordinances, rules and regulations of Lake County the more stringent requirements shall apply.

32. Add a new section 2903 to read as follows:

Amend § 890.510 of 77 ILL. ADM. CODE 890, to read as follows:

Section 890.510 Grease Interceptor Requirements

Plumbing systems for institutions or commercial establishments in which grease, fats, culinary oils, or similar waste products from kitchens or food processing areas are wasted, or in which grease, fats, or culinary oils are wasted in connection with utensil, vat, dish, or floor cleaning processes, shall include grease interceptors. All waste lines and drains carrying grease, fats, or culinary oil, in the above type establishments shall be directed to one or more interceptors. The interceptor shall be located outside the building and shall be accessible for maintenance and inspection purposes. (See Appendix E: Illustrations A and B.)

A) All required grease interceptors shall comply with the following:

- 1) Material and Covers: Grease interceptors shall be constructed of durable, corrosion-resistant materials and shall have water-tight covers securely fastened in place.
- 2) Minimum Size: A grease interceptor shall have a minimum liquid holding capacity determined in accordance with the provisions of the following subsections, except that no grease interceptor shall have a capacity of less than 750 gallons:

- a) The minimum capacity of a grease interceptor serving a restaurant with seating shall be determined by the formula $C = S \times H \times A$, in which

C = the capacity of the interceptor,

S = the number of seats, (each drive-in car service space counts as three (3) seats),

H = the hours per day that meals are served (at least 6 hours but not more than 12 hours, and

A = Appliance factor (0.75).

- b) The minimum capacity of a grease interceptor as determined above may be halved for establishments utilizing paper service only, but may not be less than 750 gallons.

Section 890.510: subsections a) 3, a) 4, a) 5, a) 6, and b) are unchanged.

Section 890.510 is amended to add subsections (d), (e), (f) and (g) as follows:

- d) Maintenance. All required grease interceptors shall be continuously cleaned out by the owner or business certificate holder of the institutions or commercial establishments and/or their employees. Signs shall be posted with operating procedures for grease interceptors if required by the village. All maintenance records, including but not limited to disposal methods and third parties performing the same, shall be kept on site and available for review by village inspectors.
- e) Inspections. To ensure that the grease interceptor is continuously cleaned out, the grease interceptor shall be inspected semi-annually by the economic development director or his/her designee in accordance with section 3-1-13 of the Village Code. The village may require owners or businesses with grease interceptors to enter into maintenance and inspection agreements with the village in the form required by the village.
- f) If the grease interceptor is found to be in violation of this Code, because the grease interceptor is not being cleaned out in accordance with the standards established by the village, the owner or business certificate holder or tenant will be given notice to clean the grease interceptor within ten (10) business days. Failure to clean the grease interceptor within ten (10) business days may result in either a fine or closure of the industrial or commercial establishment as set forth below. In addition to or in lieu of any fine or other action, the owner or business certificate holder or tenant may be charged for any injury or damage to the village's system, for the village's costs of maintenance or cleaning of the system and the costs of inspection and reinspection.

If the grease interceptor is not cleaned within ten (10) business days the owner or business certificate holder or tenant will be fined according to the following schedule:

1st offense:	\$ 200.00
2nd offense:	500.00
3rd offense and any thereafter:	1,000.00

If the owner or business certificate holder or tenant is fined for a fourth offense, the business certificate will automatically be revoked.

- (g) Requests for variances. A facility required to install a grease interceptor may request a variance from the requirements of this section relative to the minimum size of 750 gallons if it finds that it cannot meet the minimum size requirement.
1. A written application for a variance shall be submitted to the economic development director which shall include at least the following information:
 - a. A statement signed by a plumber licensed by the state of Illinois setting forth in detail why the required minimum size of 750 gallons is unattainable.
 - b. A drawing showing the layout of the proposed grease interceptor and an appurtenance plan.
 - c. The calculation of anticipated flows and supporting data.
 - d. A proposed alternative plan illustrating how fats, oil and grease will be reduced/prohibited from entering the village's sanitary sewer system and how the standards for discharge of fats, oils and grease will be met.
 2. At the time of application, the Village may also simultaneously notify the Northwest Regional Water Reclamation Facility of receipt of the application.
 3. The economic development director shall distribute the application to the public works director, village engineer, director of inspection services and the village's plumbing inspector for review and comment.
 4. Village staff and consultants shall all review and comment on the proposed variance application within 30 days, if possible.
 5. Following the review of village staff and consultants, the variance application shall be referred to a standing committee of the village board for review. The standing committee shall either recommend approval or denial of the variance application to the village board.
 6. The village board shall act to either approve or deny the variance application in its sole discretion.
 7. After a variance is granted, the owner or business certificate holder or tenant shall maintain records relative to the maintenance of the grease interceptors. If it is determined that the grease interceptor which has been installed pursuant to a variance is not adequately performing for any reason, the village may require the owner or business certificate holder or tenant to install a larger grease

interceptor or to otherwise modify the approved system to prohibit fats, oils and grease from entering the village's sanitary sewer system.

33. Add a new Section 2904 to read as follows:

Amend 77 ILL. ADM. CODE 890, by adding a section as follows:

Section 890.1380 Storm Water Drainage within a Building.

Section 890.1381.1 General: All roofs, paved areas, yards, and courtyards shall drain into a storm sewer system, or to an approved place of disposal. In the case of one and two family dwellings, where approved, storm water is permitted to discharge onto flat areas, such as streets or lawns, provided the storm water will flow away from the building.

Section 890.1381.2 Storm water drainage to sanitary sewer prohibited: Storm water shall not be drained into the sanitary sewer.

Section 890.1382 Size of horizontal building storm sewers: The size of the horizontal building storm drains and sewers shall be based upon the maximum projected roof or paved area to be drained. See Table 890.1382A.

Table 890.1382A

Size of horizontal building storm drains and building sewers

Diameter of drain inches	Maximum projected area in square feet and gallons per minute flow for various slopes					
	1/8 in. per ft. slope		¼ in. per ft. slope		½ in. per ft. slope	
	square feet	gpm	square feet	gpm	square feet	gpm
3	3288	34	4640	48	6576	68
4	7520	78	10600	110	15040	156
5	13360	139	18800	196	26720	278
6	21400	222	30200	314	42800	445
8	46000	478	65200	677	92000	956
10	82800	860	116800	1214	165600	1721

Note: Based upon the maximum rate of rainfall of 1 inch per hour for a 1-hour duration and a 100 year return period.

Section 890.1383 Size of vertical conductors and leaders: The size of vertical leaders shall be based on the maximum projected roof area according to table 890.1383B.

Table 890.1383B
Size of vertical conductors and leaders

Size of leader or conductor	Maximum projected roof area	Capacity
inches	square feet	gpm
2	2176	23
3	6440	67
4	13840	144
5	25120	261
6	40800	424
8	88000	913

Note: Table based upon a maximum rate of rainfall of 1 inch per hour for a 1 hour duration and a 100-year return period.

Section 890.1384 Building sub drains: Sump pump systems: A sump pump system shall include the sump pump, pit, discharge piping, and an individual branch electrical circuit. The system shall include a pump of a capacity and head appropriate for anticipated use requirements.

CHAPTER 32 ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY

34. Delete § 3202 Encroachments into the Public Right of Way and all its sections in their entirety and substitute a new section 3202 Encroachments into the Public Right of Way therefore with a sub section to read as follows:

3202.1 Encroachments prohibited. Encroachments into public rights-of-way, either above or below grade, are not permitted.

CHAPTER 33 SAFEGUARDS DURING CONSTRUCTION

35. Add a new § 3301.3 to read as follows:

3301.3 Excavations. Excavations shall be enclosed with approved barriers not less than four feet (4') high during time that workmen or watchmen are not on the site.

36. Delete § 3303.6 and add a new § 3303.6 with its subsections to read as follows:

3303.6 Demolition Prerequisites. Demolition shall not proceed until the following tasks have been completed and twenty-four (24) hours advance notice has been given to the building official.

- a. a demolition permit application has been submitted stating the location of the structure; the owner, owner's current address and telephone number; the contractor,

contractor's current address and telephone number; type of construction; number of stories; and method of construction. (Note: the use of a wrecking ball is not permitted in Round Lake Beach.),

- b. proof has been submitted that all utilities serving the structure have been disconnected and capped in a workmanlike manner,
- c. a letter of credit or bond in cash, certified check or cashier's check, in the lesser amount of (a) the latest assessed valuation of the building or (b) five thousand dollars (\$5,000.00), to reimburse the Village should it become necessary to complete any phase of the demolition, including finish-grading of the property. (Note: this bond will be returned if not used to complete the job satisfactorily.)

3303.6.1 Dust control. During demolition in dry, fair weather, the contractor shall continually spray the demolition with a sufficient amount of water to lay the dust. With permission from the Public Works Director, water may be obtained from the nearest hydrant. However, an appropriate water meter to measure the amount of water used shall be provided at the contractor's expense, and the contractor shall reimburse the Village therefore.

3303.6.2 Truck covering. Trucks carrying demolition debris shall be covered with tarpaulins before leaving the demolition site.

3303.6.3 Foundation removal. Concrete slabs, cellars, crawl space walls, and other such foundation elements shall be completely excavated and removed from the demolition site.

3303.6.4 Fill. Foundation holes, pits and/or depressions shall be backfilled with compactable, non-putrescible fill. Masonry rubble able to pass a four-inch (4") sieve may be used as backfill provided it does not exceed 25% of the total backfill aggregate.

3303.6.5 Compaction. Backfill shall be placed in layers or lifts not to exceed eight inches (8") and each lift shall be compacted to achieve a ninety percent (90%) compaction factor.

3303.6.6 Fill elevation. Foundation holes, pits, and/or depressions shall be filled eight inches (8") above the surrounding grade unless raising the grade is injurious to adjacent properties.

CHAPTER 34 EXISTING STRUCTURES

37. Modify § 3401.3 to read as follows:

3401.3 Compliance with other codes. Alterations, additions, repairs and changes of occupancy to existing structures shall comply with the provisions for alterations, repairs, additions and changes of occupancy in the International Fire Code, International Fuel Gas Code, State of Illinois Plumbing Code, International Property Maintenance Code, International Sewage Disposal Code as it may be amended by article 2901.1 as amended, International Mechanical Code, International Residential Code, International Energy Conservation Code and National Electrical Code.

38. Delete § 3411 Accessibility for Existing Buildings in its entirety, and substitute a new § 3411 Accessibility for Existing Buildings therefore with a sub section to read as follows:

3411.1 Scope. The provisions of the current Illinois Accessibility Code with any amendments apply to maintenance, change of occupancy, additions and alterations to existing buildings.

APPENDICES

39. The following appendices should be adopted:

APPENDIX F	RODENT PROOFING
APPENDIX I	PATIO COVERS

40. Modify § I105.1 Design Loads to read as follows:

I105.1 Design Loads. Patio covers shall be designed and constructed to sustain continuously, snow loads of thirty (30) pounds per square foot (1.44 kN/m²). Such patio covers shall be designed to resist the minimum wind and seismic loads set forth in this code.

41. Delete § I105.2 Footings and substitute a new § I105.2 Footings therefore to read as follows:

I105.2 Footings. Footings supporting attached patio covers shall be at least forty-two inches (42") below grade. Detached patio covers may be supported on concrete slabs on grade without footings, provided the slab conforms to Chapter 19 of this code, is not less than 3½ inches (89 mm) thick and further provided that the columns do not support loads in excess of 750 pound (3.36 kN) per column.

42. The following appendices should not be adopted:

APPENDIX A	EMPLOYEE QUALIFICATIONS
APPENDIX B	BOARD OF APPEALS
APPENDIX C	AGRICULTURAL BUILDINGS
APPENDIX D	FIRE DISTRICTS
APPENDIX E	SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS
APPENDIX G	FLOOD RESISTANT CONSTRUCTION
APPENDIX H	SIGNS
APPENDIX J	Grading
APPENDIX K	ADMINISTRATIVE PROVISIONS

Sec. 8-1-1-2. - Residential code for one- and two-family dwellings.

- A. Adoption of code: That a certain document, three copies of which are on file in the office of the code official of the village being marked and designated as the International Residential Code for One- and Two-Family Dwellings, 2012 Edition, as published by the International Code Council, be and the same is hereby adopted as the residential code for one- and two-family dwellings of the Village of Round Lake Beach in the State of Illinois; for the control of one- and two-family dwellings as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said International Residential Code for One- and Two-Family Dwellings, are hereby referred to, adopted and made a part hereof as if fully set out in this section, with the additions, insertions, deletions and changes prescribed in subsection B of this section.
- B. Amendments: The following sections of the International Residential Code for One- and Two-Family Dwellings, 2012 Edition are hereby revised as indicated:

Part I — Administrative

CHAPTER 1: GENERAL ADMINISTRATION

SECTION R101 TITLE, SCOPE AND PURPOSE

1. Amend § R101.1 Title. By inserting Village of Round Lake Beach.

SECTION R103 DEPARTMENT OF BUILDING SAFETY

2. Delete § R103 DEPARTMENT OF BUILDING SAFETY

SECTION R104 DUTIES AND POWERS OF THE BUILDING OFFICIAL

3. Amend § R104.8 Liability. By deleting the words "member of the board of appeals".

SECTION R105 PERMITS

4. Amend § R105.2 Work exempt from permit. To read as follows:

R105.2 Work exempt from permit. Permits shall not be required for the following. Exemption from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction, including but not limited to the Round Lake Beach Zoning Ordinance.

Building:

1. One-story detached accessory structures, provided the floor area does not exceed 100 square feet (18.58 m²) or does not have a permanent foundation.
2. [Deleted.]
3. [Deleted.]

4. Water tanks supported directly upon grade if the capacity does not exceed 500 gallons (1,892.7) and the ratio of height to diameter or width does not exceed 2 to 1.
5. [Deleted.]
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment accessory to a one-or two-family dwelling.
9. Window awnings supported by an exterior wall which do not project more than 54 inches from the exterior wall and do not require additional support
10. Delete

Plumbing:

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 new work and a permit shall be obtained and inspection made as provided in 77 ILL. ADM. CODE 890,

The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

5. Amend § R105.3 Application for permit. By deleting the words "department of building safety" and inserting the words "Economic Development Department" therefore.
6. Amend § R105.3.2 Time limitation of application. To read as follows:

105.3.2 Time limitation of application. An application for a permit for any proposed work shall be deemed to have been abandoned 60 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 60 days each. The extension shall be requested in writing and justifiable cause demonstrated. Plans deemed to have been abandoned under this subsection may be discarded by the building official.
7. Amend § R105.5 Expiration. To read as follows:

R105.5 Expiration. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 90 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 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 additional periods not exceeding 60 days each. The extension shall be requested in writing and justifiable cause demonstrated. Permits invalidated under this section shall not be entitled to any refund.

8. Add a new § 105.5.1 Time limits for permits. To read as follows:

105.5.1 Time limits for permits. Permits for the construction of buildings and structures, for renovations, alterations, and tenant build-outs shall become null and void, and the construction authorized by such permits shall be completed within the time frames listed below. Construction not completed within these time frames shall be removed within six (6) months of such permit becoming null and void.

- a. Single-family homes: one (1) year
- b. Accessory structures: six (6) months
- c. Single-family additions and alterations: one (1) year

9. Amend § R105.6 Suspension or revocation. To read as follows:

R105.6 Suspension or revocation. The building official is authorized to suspend or revoke a permit under the provisions of this code whenever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code. In the event of suspension or revocation of a permit or abandonment or discontinuance of a building project, no refunds shall be made, nor shall any unused fee for incomplete work be applied to the same or another project.

SECTION R106 CONSTRUCTION DOCUMENTS

10. Amend § R106.1 Submittal documents. To read as follows:

R106.1 Submittal documents. Construction documents, special inspection and structural observation programs, and other data shall be submitted in two sets with each application for a permit. The construction documents shall be prepared by an Illinois registered design professional where required by the statutes of the State of Illinois and the Village of Round Lake Beach. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by an Illinois registered design professional.

Exception: to remain unchanged

11. Add a new § R106.2.1 Grading plan. To read as follows:

R106.2.1 grading plan required. All proposed lot grading shall be represented by contour lines at five-foot (5') intervals and such contours shall show how the proposed grading will blend with existing topography.

12. Amend § R106.3.1 Approval of construction documents. To read as follows:

R106.3.1 Approval of construction documents. When the building official issues a permit, the construction documents shall be stamped or endorsed in writing with the word "reviewed". One set of construction documents so reviewed shall be retained by the building official in accordance with the Illinois Local Records statutes. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the building official or his or her authorized representative.

SECTION R107 TEMPORARY STRUCTURES AND USES

13. Amend § R107.1 General. To read as follows:

R107.1 General. The building official is authorized to issue a permit for temporary structures and temporary uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 90 days. The building official is authorized to grant extensions for demonstrated cause.

14. Amend § R107.3 Temporary power. To read as follows:

R107.3 Temporary power. The building official is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the National Electrical Code.

SECTION R108 FEES

15. Add a new § R108.2.1 Omitted fees. To read as follows:

R108.2.1 Omitted fees. The building official is authorized to establish reasonable fees for departmental services inadvertently omitted from the hereinbefore-prescribed fees.

16. Add a new § R108.2.2 Payment of fees. To read as follows:

R108.2.2 Payment of fees. Fees shall be paid at the following times:

- A. Preliminary plan review, initial application/submission and initial plan review fees shall be paid upon submission of the application.
- B. All other fees except possible subsequent stop work orders, violation fees, and the attendant reinspection fees shall be paid prior to issuance of the building permit.
- C. All violation and reinspection fees shall be paid prior to issuance of any certificate of occupancy.

17. Delete § R108.5 Refunds. And substitute a new § R108.5 Refunds. Therefore:

R108.5 Refunds. No refunds shall be made in the case of a revocation of a permit or abandonment or discontinuance of a building project, nor shall any unused fee for incomplete work be applied to the same or another project.

SECTION R109 INSPECTIONS

18. Add a new § R109.3.1 Access to be provided. To read as follows:

R109.3.1 Access to be provided. Work to be inspected shall be made reasonably and safely accessible to inspectors by the contractor. Access may include, but shall not be limited to the provision of ladders, planks, temporary stairs or ramps.

19. Add a new § R109.4.1 Exposure of work. To read as follows:

R109.4.1 Exposure of work. When construction work controlled by this code has been covered or concealed prior to being tested and approved, it shall be exposed for inspection. It is the responsibility of the contractor or owner to expose such work for inspection purposes. All costs associated with such exposure shall be the responsibility of the contractor or owner.

20. Delete Section R112 Board of Appeals in its entirety and replace with a new section R112 Board of Appeals with

a new sub section to read as follows:

§ R112.1 General. The Round Lake Beach Board of Trustees shall be the Board of Appeals to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code.

Part II — Definitions

CHAPTER 2: DEFINITIONS

SECTION R201 GENERAL

21. Amend § R201.3. Terms defined in other codes. To read as follows:

R201.3. Terms defined in other codes. Where terms are not defined in this code such terms shall have meanings ascribed to them as in other code publications of the International Code Council and in the Illinois State Plumbing Code.

SECTION R202 DEFINITIONS

22. Amend the definition of BUILDING OFFICIAL to read as follows:

BUILDING OFFICIAL. The officer or other designated authority charged with the administration and enforcement of this code, or a duly authorized representative. The term BUILDING OFFICIAL shall include the term CODE OFFICIAL.

23. Add a definition of PERMANENT STRUCTURE. To read as follows:

PERMANENT STRUCTURE. Any structure that is not a temporary structure.

24. Add a definition of TEMPORARY STRUCTURE. As follows:

TEMPORARY STRUCTURE. The term "temporary" shall be applied to any structure meeting any or all of the following conditions:

Not attached to a permanent foundation or other permanent structure

Not requiring a permit under § R105.2 as amended

Intended for seasonal use

Excluding mobile homes and trailers

Part III — Building Planning and Construction

CHAPTER 3: BUILDING PLANNING

SECTION R301 DESIGN CRITERIA

25. Amend § R301.2 Climactic and geographic design criteria. To read as follows:

R301.2 Climactic and geographic design criteria. Buildings shall be constructed in accordance with the provisions of this code as limited by the provisions of this section. Additional criteria is established and set forth in Table R301.2 (1) as amended.

26. Amend Table R301.2 (1) GROUND SNOW LOAD by inserting the following criteria:

GROUND SNOW LOAD	30
WIND {speed (mph)}	90
SEISMIC DESIGN CATEGORY	B
Weathering	severe
Frost line depth	42"
Termite	moderate to heavy
Decay	slight to moderate
WINTER DESIGN TEMP	-4
FLOOD HAZARDS	In accordance with current FEMA mapping and studies

SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS

Delete section R313 in its entirety and add a new section R313 with the following:

27. Add R313.1 **Group R-1.** An automatic sprinkler system shall be provided throughout all fire areas including basements and attached garages containing a Group R-1 occupancy.

Add R313.2 **Group R-2.** An automatic sprinkler system shall be provided throughout all fire areas including basements attached garages containing a Group R-2 occupancy.

Add R313.3 **Groups R-3 and R-4.** An automatic sprinkler system shall be provided throughout all fire areas including basements attached garages containing Groups R-3 and R-4 occupancy.

Add R313.4 **System Review and Approval:** All construction documents for a proposed fire sprinkler system shall be submitted to the code official for review and comment prior to any work being started. A permit is required for the installation or modification of any fire sprinkler system. Three (3) complete sets of construction documents are required. The submitted documents shall include manufacturer's specification sheets for all equipment, devices and piping to be installed, hydraulic calculations, a scaled drawing showing location of each device and any other information needed to allow the code official to efficiently determine if the proposed system meets the minimum requirements of adopted codes and ordinances.

Add R313.4.1 **Maintenance of System:** The property owner shall be responsible for the condition of a fire sprinkler system and shall keep the fire sprinkler system in normal

operating condition at all times in accordance with the NFPA 13D and the International Fire Code (as amended locally). A copy of the minimum maintenance requirements shall be provided to the property owner by the builder or seller.

Add R313.4.2 **Spare Sprinkler Heads:** At least one (1) spare fire sprinkler head of each type, temperature rating and orifice size used in the system and a fire sprinkler head installation wrench of the appropriate type, shall be kept on the premises in a readily accessible and obvious location.

Add R313.4.3 **Acceptable Water Sources:** A connection to a reliable public potable water works system with or without an automatically operated pump. Such potable water connection shall be protected by an approved backflow prevention device.

Exception: In areas not served by a reliable public potable water works system, a stored water source re-supplied at all times from a potable well with an automatically operated pump, properly sized in accordance with NFPA13 shall be permitted

Add R313.4.4 **Backflow devices** shall be tested annually and a copy of such test must be submitted to the code official, a copy of which must be retained in the property file. The property owner shall sign a backflow maintenance agreement prior to occupancy of the structure. A copy of the backflow maintenance agreement with attached test results shall be submitted to the code official.

Add R313.4.5 **Insulation Required:** Fire sprinkler piping installed in unconditioned spaces, including but not limited to, unheated crawl spaces, attics and attached storage spaces, shall be protected by approved insulation material having a six-inch (6") nominal depth of material when installed completely around the piping system.

SECTION R314 SMOKE ALARMS

28. Delete sections R314.1 and R314.2 in their entirety

SECTION R322 FLOOD RESISTANT CONSTRUCTION

29. Amend R322.1.7 Protection of water supply and sanitary sewage systems to read as follows:

New and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the systems in accordance with 77 ILL. ADM. CODE 890. New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of floodwaters into systems and discharges from systems into floodwaters in accordance with the current Illinois State Plumbing Code.

CHAPTER 4: FOUNDATIONS

SECTION R401 GENERAL

30. Amend § R401.1 Application. To read as follows:

R401.1 Application. The provisions of this chapter shall control the design and construction of the foundation and foundation spaces for buildings. Wood foundations shall not be constructed in the Village of Round Lake Beach.

31. Delete § R401.4 Soil tests. And add new § R401.4 Soil borings to read as follows:

R401.4 Soil borings. Three (3) site specific soil borings taken by an approved agency at locations acceptable to the building official and verifying (1) soil type(s), (2) soil bearing strength, and (3) the water content are required for new primary structures or new additions to primary structures. Such borings shall be taken to the lesser depth of fifteen feet (15') or bedrock. Two copies of the results of the soil borings shall be submitted to the building official.

32. Add a new § R401.4.1.1 Borings for additions. To read as follows:

R401.4.1.1 Borings for additions. In addition to any soil borings required by this Code as adopted and amended by the Village, at least two (2) soil borings are required, one at each corner of the proposed foundation of any addition designed to be attached to an existing structure. Such borings shall be to a depth of at least fifteen feet (15') below the existing grade, and the results of such borings shall be described by a Soils (Geotechnical) Engineer as to the soil bearing and compressibility characteristics, with recommendations for foundation design which shall be binding on the foundation designer. All such information shall be submitted with the building permit application.

Exception: Single story additions that extend six feet (6') or less from the main structure to which they shall be attached.

33. Add a new § R401.4.1.2 Soil borings alternative to read as follows:

R401.4.1.2 Soil borings alternative. At the option of the permittee, at the time of excavation, qualified personnel from an approved soil testing and engineering agency will take four (4), four-foot (4') deep hand augers at the corners of the proposed structure to determine soil conditions and stability. The agency representative will submit a written field report of findings to the building official at the time of footing inspection to receive permission for concrete placement. Within five (5) working days the field report shall be followed by a hard copy of the report bearing the stamp or seal of an appropriate design professional registered in the State of Illinois. If the findings indicate soil deficiencies, the professional engineer from the approved agency will redesign the foundation to compensate for the deficiencies.

SECTION R402 MATERIALS

34. Delete § R402.1 Wood foundations and its two subsections: § R402.1.1 Fasteners and § R402.1.2 Wood treatment.

SECTION R403 FOOTINGS

35. Delete FIGURE R403.1 (2) PERMANENT WOOD FOUNDATION BASEMENT WALL SECTION

36. Delete FIGURE R403.1 (3) PERMANENT WOOD FOUNDATION CRAWL SPACE SECTION

37. Delete § R403.2 Footings for wood foundations.

SECTION R404 FOUNDATION WALLS

38. Delete § R404.2 Wood foundation walls. And its subsections: R404.2.1, R404.2.2, R404.2.3, R404.2.4, R404.2.5, and R404.2.6

SECTION R405 FOUNDATION DRAINAGE

39. Delete § R405.2 Wood foundations. And its subsections: R405.2.1, R405.2.2, and R405.2.3

SECTION R406 FOUNDATION WATERPROOFING AND DAMPPROOFING

40. Delete § R406.3 Damp proofing for wood foundations. And its subsections: R406.3.1, R406.3.2, R406.3.3 and R406.3.4

SECTION R408 UNDER-FLOOR SPACE

41. Add a new § R408.5.1 Crawl space floors. To read as follows:

R408.5.1 Crawl space floors. In all crawl spaces the ground shall be covered with a minimum six (6) mil polyethylene vapor barrier (or one of equal or better perm rating lapped eight inches (8") at all seams and extending up all foundation walls a minimum of eight inches (8"), over which shall be placed a minimum of four inches (4") of pea gravel.

CHAPTER 29: WATER SUPPLY AND DISTRIBUTION

SECTION P2904 DWELLING UNIT FIRE SPRINKLER SYSTEMS

42. Delete § P2904.1.1 Exception #1 and #3 in their entirety, #4 delete the word garage

CHAPTER 30: SANITARY DRAINAGE

SECTION 3007 SUMPS AND EJECTORS

43. Amend § P3007.3.2 Sump pit. The sump pit shall not be less than 18 inches (457mm) in diameter and 24 inches (610mm) deep, unless otherwise approved. The pit shall be accessible and located so that all drainage flows into the pit by gravity. The sump pit shall be constructed of tile, concrete, steel, plastic or other approved materials. The pit bottom shall be solid and provide permanent support for the pump. The sump pit shall be fitted with a gastight removable cover adequate to support anticipated loads in the area of use. The sump pit shall be vented in accordance with 77 ILL. ADM. CODE 890,

CHAPTER 31: VENTS

44. Delete this entire chapter. Replace with: In accordance with 77 ILL. ADM. CODE 890,

CHAPTER 32: TRAPS

45. Delete this entire chapter. Replace with: In accordance with 77 ILL. ADM. CODE 890,

APPENDIX E: MANUFACTURED HOUSING USED AS DWELLINGS

SECTION AE303 PERMITS ISSUANCE

46. Amend § AE303.4 Expiration. To read as follows:

AE303.4 Expiration. Every permit issued by the building official under these provisions shall expire by limitation and become null and void if the work authorized by such permit is not commenced within 90 days from the date of such permit, or if the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 90 days. Before such work can be recommenced, a new permit shall be first obtained, and the fee therefore shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work, and provided further that such suspension or abandonment has not exceeded six months. In order to renew action on a permit after expiration, the permittee shall pay a new full permit fee.

Any permittee holding an unexpired permit may apply for an extension of the time within which work may commence under the permit when the permittee is unable to commence work within the time required by this section for good and satisfactory reasons. The building official may extend the time for action by the permittee for a period not exceeding 90 days upon written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shall be extended more than once.

SECTION AE304 FEES

47. Delete § AE304.1 Permit Fees and substitute a new § AE304.1 Permit Fees to read as follows:

AE304.1 Permit Fees. On manufactured and/or modular homes, electrical, gas, mechanical, and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid in accordance with the fee schedule for single family dwellings established by ordinance.

48. Amend § AE304.2 Plan review fees to read as follows:

AE304.2 Plan review fees. When a plan or other data are required to be submitted by Section AE302.2, the plan review fee shall be paid at the time of submitting plans and specifications for review. Said plan review fee shall be as established in Section AE304.1 above.

49. Amend § AE304.3.1 Expiration of plan review to read as follows:

AE304.3.1 Expiration of plan review. Applications for which no permit is issued within 90 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the building official. The building official may extend the time for action by the applicant for a period not exceeding 90 days upon request in writing by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew

action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.

50. Amend § AE304.3.2.2 Fee to read as follows:

AE304.3.2.2 Fee. An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The investigation fee shall be equal to the amount of the permit fee required. The minimum investigation fee shall be the same as the minimum fee established by the building official. The payment of such investigation fee shall not exempt any person from compliance with all other provisions of either these provisions or other pertinent codes or from any penalty prescribed by law.

51. Delete § AE501 DESIGN, AE502 FOUNDATION SYSTEMS, and § AE503 SKIRTING AND PERIMETER ENCLOSURES and substitute a new § AE501 FOUNDATION SYSTEMS therefore, to read as follows:

AE501 FOUNDATION SYSTEMS

AE501.1 General. Manufactured homes shall be installed on foundation systems that are designed and constructed in accordance with the criteria of Chapter 4 of this code.

52. Delete §§ AE600, AE601, AE602, AE603, AE604, and AE605.

APPENDIX I: PRIVATE SEWAGE DISPOSAL

SECTION AI101 GENERAL

53. Amend § AI101.1 Scope to read as follows:

AI101.1 Scope. Private sewage disposal systems, where permitted, shall conform to the Lake County requirements for private sewage disposal systems or the International Private Sewage Disposal Code/ 2012, whichever is the more stringent.

APPENDIX J: EXISTING BUILDINGS AND STRUCTURES

SECTION AJ105 PERMIT

54. Amend § AJ105.1 Identification of work area to read as follows:

AJ105.1 Identification of work area. In addition to the information required in section 105.3 Application for permit, the work area shall be clearly identified in the permit application and on all permits issued under these provisions.

SECTION AJ301 REPAIRS

55. Delete § AJ301.1.2 Plumbing materials and supplies and substitute a new AJ301.1.2 Plumbing materials and supplies to read as follows:

AJ301.1.2 Plumbing materials and supplies. All plumbing materials and supplies intended for installation and use in an existing building or structure shall conform to 77 ILL. ADM. CODE 890.

56. Amend § AJ501.5.2 Electrical service. By deleting the Exception thereto.

Sec. 8-1-1-3. - Plumbing code.

A. Adoption of code: That a certain document, three copies of which are on file in the office of the code official of the village being marked and designated as 77 ILL. ADM. CODE 890, as published by the Department of Health of the state of Illinois, be and is hereby adopted as the plumbing code of the village of Round Lake Beach in the state of Illinois; for the control of plumbing systems as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said state plumbing code, are hereby referred to, adopted and made a part hereof as if fully set out in this section, with the additions, insertions, and changes prescribed in subsection B of this section.

B. Amendments:

Amend Section 890.210 Materials by adding:

- j) All new 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.

Amend section 890.510 to read as follows:

Grease Interceptors shall be installed in accordance with Section 8-1-1-1, Chapter 29, Section 2903 of the Village Code.

Section 890.630 Installation.

Delete subsection g) and add new subsection g) to read as follows:

- g) Toilet room surfaces: The floors, walls, ceilings, partitions and doors of all toilet rooms used by the public or employees shall be of a finish that is smooth, waterproof, non-absorbent, and readily cleanable material. Cove bases shall be provided to facilitate cleaning. The floor and sidewalls, including the angle formed by the floor and sidewalls, and excluding doorways and entrances, shall be watertight to a height of at least 39 inches above the floor.

Section 890.1010 Indirect Waste Piping.

Delete subsection (b) and add new subsection to read as follows:

- b) Connection. Indirect waste connections shall be through an air gap or air break for drains, overflows, and relief valves from the water supply system (See Appendix H: Illustration E.) Clear water waste shall discharge through an air gap or air break into a sanitary or storm drain system.

Section 890.1370 Floor Drains.

Delete subsection (2) and add new subsection to read as follows:

2) Each floor drain shall be connected to a sanitary waste drain, except those drains receiving only clear water discharges which may be connected to the subsoil drainage system. Any sump or hub drain for receiving clear water waste shall extend two inches (2") above the floor or a secured and sealed cover. All indirect clear water waste lines shall be above the floor level. Any floor drain level with the floor shall discharge to a sanitary waste drain. (See Appendix A: Tables F and I.)

Section 890.1380 Storm Water Drainage within a Building.

Storm Water Drainage within a Building shall be installed in accordance with Section

Sec. 8-1-1-4. - Electrical code.

A. Adoption of code: That a certain document, three copies of which are on file in the office of the code official of the village being marked and designated as the National Electrical Code, 2011 Edition, as published by the National Fire Protective Association, be, and the same is hereby adopted as the Electrical Code of the Village of Round Lake Beach in the State of Illinois; for the control of electrical installations and systems as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said National Electrical Code, are hereby referred to, adopted and made a part hereof as if fully set out in this section, with the additions, insertions, deletions and changes prescribed in subsection B of this section.

B. Amendments: None.

Sec. 8-1-1-5. - Mechanical code.

A. Adoption of code: That a certain document, three copies of which are on file in the office of the code official of the village being marked and designated as The International Mechanical Code, 2012 Edition, as published by the International Code Council, be and the same is hereby adopted as the Mechanical Code of the Village of Round Lake Beach in the State of Illinois; for the control of mechanical installations and systems as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said International Mechanical Code, are hereby referred to, adopted and made a part hereof as if fully set out in this Section, with the additions, insertions, deletions and changes prescribed in subsection B of this section.