

## CITY OF LOVES PARK

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**ORDINANCE NO: 3608-09**

**AN ORDINANCE AMENDING SECTIONS 18-141 AND 18-142 OF THE CODE OF ORDINANCES OF THE CITY OF LOVES PARK, ILLINOIS, ADOPTING THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, EDITION 2006, AS PUBLISHED BY THE INTERNATIONAL CODE COUNCIL**

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ADOPTED BY THE MAYOR AND CITY COUNCIL  
OF THE CITY OF LOVES PARK, ILLINOIS, THIS  
21<sup>ST</sup> DAY OF DECEMBER, 2009

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Published in Pamphlet Form by  
Authority of the Mayor and City Council  
Of the City of Loves Park, Illinois, this 28th  
Day of December, 2009.

*Robert J. Burden*  
Robert J. Burden, City Clerk

*by Shelia K. Mills*

**ORDINANCE NO. 3608-09**

**AN ORDINANCE AMENDING SECTIONS 18-141 AND 18-142 OF THE  
CODE OF ORDINANCES OF THE CITY OF LOVES PARK**

WHEREAS, Section 18-141 of the Code of Ordinances of the City of Loves Park regulates one- and two-family dwellings located within the City; and

WHEREAS, the City of Loves Park desires to ensure public safety in such buildings and structures; and

WHEREAS, the City desires to amend said section.

**NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF  
LOVES PARK, WINNEBAGO COUNTY, ILLINOIS AS FOLLOWS:**

**SECTION ONE:** Section 18-141 of the Loves Park City Code is hereby rescinded and replaced as follows:

The International Residential Code for One- and Two- Family Dwellings, 2006 edition, including Appendix Chapters A, B, C, D, E, G, H, M, and O, as published by the International Code Council, be and is hereby adopted as the Residential Code of the City of Loves Park in the State of Illinois for regulating and governing the construction, alteration, movement, enlargement, replacement, repair, equipment, location, removal, and demolition of detached one- and two-family dwellings and attached single family dwellings not more than three stories in height with separate means of egress as herein provided; providing for the issuance of permits and collection of fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Residential Code are hereby referred to, adopted and made a part hereof, as if fully set out in this ordinance, with the additions, insertions, deletions and changes prescribed in Section Two of this ordinance.

**SECTION TWO:** Section 18-142 is rescinded and replaced as follows:

**Section 18-142 Amendments to the Residential Code.**

The International Residential Code for One- and Two- Family Dwellings, 2006 edition, is hereby amended as follows:

**Section R101.1 as amended as follows:**

**R101.1 Title.** These provisions shall be known as the Residential Code for One- and Two-Family Dwellings of the City of Loves Park, and shall be cited as such and will be referred to herein as “this code”.

**Section R105.2 Buildings: Item 1 is amended, and Items 10 and 11 are added as follows:**

**R105.2 Work exempt from permit.**

**Building:**

1. One-story detached structures, provided the floor area does not exceed 120 square feet (11.15 m<sup>2</sup>).
2. through 9. remain unchanged
10. Replacement of doors and windows provided the size is not changed and a fire rating is not required.
11. Repair or replacement of interior wall and ceiling coverings provided:
  - a. not more than 50% of coverings in a room are removed, and
  - b. the coverings are not part of a fire rated assembly, and
  - c. no structural elements that are in a hazardous condition are exposed.

**Section R105.7 is deleted and replaced as follows:**

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

**Section R106.1 is amended as follows:**

**R106.1 Submittal documents.** Construction documents, special inspection and structural observation programs, and other data may be required in one 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 jurisdiction in which the project is to be constructed. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional. (The rest of this section remains unchanged.)

**Section R108.6 is added as follows:**

**R108.6 Reinspection Fee.** Any item of inspection that fails to meet code requirements on the initial or first reinspection shall be subject to a reinspection fee charged to the permit holder for each additional reinspection performed.

**Section R108.7 is added as follows:**

**R108.7 Work commencing before permit issuance.** When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fees established in Section 108.2 shall be doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees established in Section 108.2 shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees established in Section 108.2 shall be tripled and not less than \$750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit.

For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the City of Loves Park Legal Department as permitted by State Law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

**Section R109.1.4 is amended as follows:**

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

**Sections R112.2.1 through R112.4 are deleted without substitution.**

**Section R115 is added as follows:**

**SECTION R115**  
**TEMPORARY RESTROOM FACILITIES**

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

**Table R301.2 (1) is amended as follows:**

**TABLE R301.2 (1)**  
**CLIMATIC AND GEOGRAPHICAL DESIGN CRITERIA**

Ground Snow Load (lbs./sq.ft)	Wind Speed (mph)	Seismic Design Category	Subject To Damage From				Winter Design Temp	Ice Barrier Underlayment Required	Flood Hazards	Air Freezing Index	Mean Annual Temp
			Weathering (concrete & masonry)	Frost Line Depth	Termite	Decay					
30	90	A/B g	Severe	42"	Moderate to heavy	Slight to moderate	-4 deg. F	R905.2.7.1 R905.4.3.1 R905.5.3.1 R905.6.3.1 R905.7.3.1 R905.8.3.1	18-Jun-79 Ordinance  ????? Map	1877	47.8

Site Classification of D (Stiff soil profile with average properties in top 100 feet [30480 mm]) as follows:  
 Soil shear wave velocity = 600 to 1200 ft/sec. (182,880 to 365,760 mm/sec)  
 Standard penetration resistance = 15 to 50  
 Soil undrained shear strength = 1000 to 2000 psf (1 to 2 kPa)

Site Classifications of C (Very Dense soil and soft rock), B (Rock) or A (Hard Rock) will result in lower

than 0.17g Spectral Response Accelerations, and therefore a Seismic Design Category of A. A Site Classification of E (Soft Soil profile) will result in higher than 0.17g and less than 0.33g Spectral Response Accelerations, and therefore a Seismic Design Category of B. A Site Classification of E or F with plastic, liquefied, organic soils or highly sensitized clays will require a qualified geotechnical engineer to investigate soils and prepare a written report with findings and recommendations.

Note: Section R301.2.2 states this code has provisions only for one- and two-family dwellings in seismic category D and accessory structures in seismic categories C and D.

**Table R301.5 is amended as follows:**

**TABLE R301.5  
MINIMUM ROOF LIVE LOADS IN POUNDS-FORCE PER SQUARE FOOT OF  
HORIZONTAL PROJECTION**

Roof Slope	Tributary Loaded Area in Square Feet For Any Structural Member		
	0 to 200	210 to 600	Over 600
Flat or rise less than 4 inches per foot (1:3)	24	20	16
Rise 4 inches per foot (1:3) to less than 12 inches per foot (1:1)	16	14	12
Rise 12 inches per foot (1:1) and greater	12	12	12

**Section R303.2 is amended as follows:**

**R303.2 Adjoining rooms.** When rooms are open without obstruction into adjoining rooms, the required window openings to the outer air shall be based on the combined floor area of the room and adjoining room. For the purpose of determining light and ventilation requirements, any room shall be considered as the portion of an adjoining room when at least one-half of the area of the common wall is open and unobstructed and provides an opening of not less than one-tenth of the floor area of the interior room but not less than 17 square feet (1.58 m<sup>2</sup>).

**Section R303.6 is amended as follows:**

**R303.6 Stairway illumination.** All interior and exterior stairways with three or more risers shall be provided with a means to illuminate the stairs, including the landing and treads. Interior stairways with three or more risers shall be provided with an artificial light source located in the immediate vicinity of each landing of the stairway that will illuminate the treads and the landings to levels not less than 1 foot-candle measured at the center of each. Exterior stairways with three or more risers shall be provided with an artificial light source located in the immediate vicinity of the top landing of the stair. Exterior stairways with three or more risers providing access to a basement from the outside grade level shall be provided with an artificial light source located in the immediate vicinity of the bottom landing of the stairway.

**Exceptions:**

1. An artificial light source is not required at the top and bottom landing, provided an artificial light source is located directly over each stair section.
2. Exterior stairs which do not serve as part of the exit required by section R311.

**Section R303.6.1 is amended as follows:**

**R303.6.1 Light activation.** The control for activation of the required interior stairway lighting shall be accessible at the top and bottom of each stair without traversing any step of the stair. The illumination of exterior stairs shall be controlled from inside at the point of exit to the stair from the dwelling unit.

**Exception:**

Lights that are continuously illuminated or automatically controlled.

**Section R309.1 is amended as follows:**

**R309.1 Opening protection.** Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with either solid wood doors not less than 1 ¾ inch (45 mm) in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire rated doors.

**Section R309.3.1 is added to read as follows:**

**R309.3.1 Door sills.** The sills of the door openings between garages and adjacent interior spaces shall be raised not less than 4 inches (102 mm) above garage floor.

**Section R310.1 is amended as follows:**

**R310.1 Emergency escape and rescue required.** Basements with the potential for a ceiling height of 7 feet (2134 mm) or more, and every sleeping room, shall have at least one operable window or exterior door for an emergency escape and rescue opening. Windows and doors utilized for this purpose shall open directly into a public way, or to a yard or court that opens into a public way. Where basements contain one or more sleeping rooms, emergency escape and rescue openings shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches (1118 mm) above the floor. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening, and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below adjacent ground elevation shall be provided with a window well in accordance with Section R310.2. (The remainder of this section remains unchanged.)

**Section R311.4.2 is amended as follows:**

**R311.4.2 Type and size.** The required exit door shall be a side-hinged door not less than 3 feet (914 mm) in width and 6 feet 8 inches (2032 mm) in height. All other doors, except closet doors or storage room doors, shall not be less than 2 feet 4 inches (711 mm) in width and 6 feet 8 inches (2032 mm) in height.

**Section R311.5.6.3 is added as follows:**

**R311.5.6.3 Winder and circular stairway handrails.** The continuous handrail required by Section R311.5.6 shall be located on the side where the tread is narrower on a winder or circular stairway.

**Section R313.3 is amended as follows:**

**R313.3 Power Source.** In new construction, the required smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting means other than those required for overcurrent protection. Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power or in buildings that undergo alterations, repairs or additions regulated by section R313.2.1. Smoke detectors shall not be connected as the only load on a branch circuit. Smoke detectors shall be supplied by branch circuits having lighting loads consisting of lighting outlets in habitable spaces.

**Section R319.1, 5. is amended to read as follows:**

**R319.1 Location required.**

5. Wood siding, sheathing and wall framing on the exterior of a building having a clearance of less than 2 inches (51 mm) from the ground. Reference section 404.1.6.

**Section R321.1 is deleted and replaced as follows:**

**R321.1 Premises identification.** Buildings shall have City of Loves Park assigned address numbers placed in a position to be plainly legible and visible from the street or road to which the building is addressed. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or English alphabet letters. Numbers shall be a minimum of three inches (77 mm) high when less than 100 feet (30480 mm) from the street. When over 100 feet (30480 mm) and less than 200 feet (60960 mm) from the street, the numbers shall be five inches (128 mm) high. When over 200 feet (60960 mm) from the street, the numbers shall be seven inches (179 mm) high. Wherever primary entry doors are visible from the address street, the numbers shall be displayed above, on or adjacent to the primary entry doors. Numbers shall be displayed where they remain visible at all times. Where the building is more than 500 feet (152400 mm) from the street, displaying numbers on a building identification sign or other approved locations near and viewable from the street is encouraged.

**Section R324.1.4 is deleted and replaced as follows:**

**R324.1.4 Lowest Floor.** The lowest floor shall be the floor of the lowest enclosed area, including the basement.

**Section R324.2.1 is amended to read as follows:**

**R324.2.1 Elevation requirements.**

1. Buildings and structures shall have the lowest floors elevated 12 inches (305 mm) above the design flood elevation.
2. (remains unchanged)
3. Basement floors that are below grade on all sides shall be elevated 12 inches (305 mm) above the design flood elevation.

**Exception:** is deleted

Section R324.2.2 is deleted in its entirety.

Table R403.1 is deleted and replaced as follows:

**TABLE R403.1  
MINIMUM WIDTH OF CONCRETE OR MASONRY  
FOOTINGS (inches) a**

Number of floors supported by the foundation	Load-Bearing Value of Soil (psf)			
	1500	2000	3000	>=4000
<b>Conventional Light-Frame Construction</b>				
1	12	12	12	12
2	15	12	12	12
3	23	17	12	12
<b>4-inch Brick Veneer over Light-Frame or 8-inch Hollow Concrete Masonry</b>				
1	12	12	12	12
2	21	16	12	12
3	32	24	16	12
<b>8-inch Solid Concrete or Masonry, or Fully Grouted Masonry</b>				
1	16	12	12	12
2	29	21	14	12
3	42	32	21	16

- a. Footings are permitted to support a roof in addition to the stipulated number of floors. Footings supporting roofs only shall be as required for supporting one floor.

Section **R403.3.5** is added as follows:

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

1. Structure is non-occupiable, unconditioned, detached, of use groups S or U, does not contain any masonry and does not exceed (1) one story or 25 feet (7620 mm) in height.
2. Slab/foundation does not bear on peats, organic, or other questionable soil.
3. Slab thickness is not less than 4 inches (102 mm) with a minimum of 6 inches x 6 inches (152 mm x 152 mm) 10/10 (MW 9.1/9.1) WWF reinforcing.
4. The perimeter of the slab turns down to a minimum of 12 inches (304.8 mm) below grade and is reinforced with a minimum of 1 continuous [minimum 12 inch (304.8 mm) tied laps] #4 steel reinforcing bar.
5. A minimum of 4 inches (102 mm) of screened and washed gravel or crushed stone is under the entire slab. The grade surrounding the building shall fall a minimum of 6 inches (152 mm) within the first 10 feet (3048 mm).

Section **R407.4** is added as follows:

**R407.4 Footing sized for girder support columns:** The minimum footing sizes for girder support columns shall be as set forth in Table 502.5(3).

Table R502.5(3) is added as follows:

**TABLE R502.5(3)**  
**ALLOWABLE SPANS FOR BUILT-UP WOOD CENTER GIRDERS**  
**AND FOOTING SIZES FOR GIRDER SUPPORT COLUMNS**

Width of Structure (feet)	Girder Size (inches)	One-Story		Two-Story		Three-Story	
		Maximum Span (Feet-inches)	Footing Size (inches)	Maximum Span (Feet-inches)	Footing Size (inches)	Maximum Span (Feet-inches)	Footing Size (inches)
24	3-2 x 8	6-7	17 x 17*	4-11	20 x 20	4-1	22 x 22
	4-2 x 8	7-8	19 x 19*	5-8	21 x 21	4-9	24 x 24
	3-2 x 10	8-5	20 x 20*	6-3	23 x 23	5-3	25 x 25
	4-2 x 10	9-9	21 x 21	7-3	24 x 24	6-1	27 x 27
	3-2 x 12	10-3	22 x 22	7-8	25 x 25	6-4	27 x 27
	4-2 x 12	11-10	23 x 23	8-10	27 x 27	7-4	29 x 29
26	3-2 x 8	6-4	17 x 17*	4-9	20 x 20	3-11	22 x 22
	4-2 x 8	7-4	18 x 18*	5-6	22 x 22	4-7	24 x 24
	3-2 x 10	8-1	19 x 19	6-1	23 x 23	5-0	25 x 25
	4-2 x 10	9-4	21 x 21	7-0	24 x 24	5-10	27 x 27
	3-2 x 12	9-10	21 x 21	7-4	25 x 25	6-1	28 x 28
	4-2 x 12	11-5	23 x 23	8-6	27 x 27	7-1	30 x 30
28	3-2 x 8	6-2	17 x 17*	4-7	21 x 21	3-10	23 x 23
	4-2 x 8	7-1	18 x 18*	5-3	22 x 22	4-5	24 x 24
	3-2 x 10	7-10	19 x 19	5-10	23 x 23	4-10	26 x 26
	4-2 x 10	9-0	20 x 20	6-9	25 x 25	5-7	28 x 28
	3-2 x 12	9-6	21 x 21	7-1	26 x 26	5-11	28 x 28
	4-2 x 12	11-0	22 x 22	8-2	28 x 28	6-10	30 x 30
32	3-2 x 8	5-9	16 x 16*	4-3	21 x 21	3-7	24 x 24
	4-2 x 8	6-7	17 x 17	4-11	23 x 23	4-1	25 x 25
	3-2 x 10	7-4	18 x 18	5-5	24 x 24	4-6	27 x 27
	4-2 x 10	8-5	20 x 20	6-3	26 x 26	5-3	28 x 28
	3-2 x 12	8-11	20 x 20	6-8	27 x 27	5-6	29 x 29
	4-2 x 12	10-3	22 x 22	7-8	29 x 29	6-4	31 x 31

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 psf = 0.0479 kN/m<sup>2</sup>, 1 psi = 6.895 kPa.

**Notes:**

1. Values shown are for a clear-span trussed roof, a load-bearing center wall on the first floor in 2-story construction, and a load-bearing center wall on the first and second floors in 3-story construction.
2. Spans based on allowable bending moment  $F_b = 1,000$  pounds per square inch (psi) for repetitive members. See Table 502.3.1c.
3. Footing size based on 2,000 psf soil-bearing capacity; footing thickness shall be one-half (minimum) the width of the footing.
4. 4 inch x 4 inch (102 mm x 102 mm) posts may be used at the (\*) locations. 6 inch x 6 inch (152 mm x 152 mm) posts or 3-inch (76 mm) diameter steel columns with bearing plates of equivalent area are acceptable in all locations.

Table R602.3.1 is amended as follows:

**TABLE R602.3.1**  
**MAXIMUM ALLOWABLE LENGTH OF WOOD WALL STUDS EXPOSED**  
**TO WIND SPEEDS OF 100 mph OR LESS IN SEISMIC DESIGN**  
**CATEGORIES A, B, C, AND D0, D1 AND D2**

	On-Center Spacing (inches)			
Height	24	16	12	8
<b>Supporting a roof only</b>				
≤ 10	2 x 4	2 x 4	2 x 4	2 x 4
<b>Supporting one floor and a roof</b>				
≤ 10	2 x 6	2 x 4	2 x 4	2 x 4
<b>Supporting two floors and a roof</b>				
≤ 10	2 x 6	2 x 6	2 x 4	2 x 4

Section R1004.1 amended to read as follows:

**R1004.1 General and clearances.** Factory built fireplaces shall be listed and labeled and shall be installed in accordance with the conditions of the listing. Factory-built fireplaces shall be tested in accordance with UL 127. Where, upon inspection, listings specifications are not present or visible, combustible materials within 36 inches (914 mm) of the chimney shall be protected with 5/8 inch (15.875 mm) Type X gypsum board or equivalent.

Section R1005.1 is amended as follows:

**R1005.1 Listing and clearances.** Factory-built chimneys shall be listed and labeled and shall be installed and terminated in accordance with the manufacturer's installation instruction. Where, upon inspection, listing specifications are not present or visible, combustible materials within 18 inches (457 mm) of the chimney shall be protected with 5/8 inch (15.875 mm) Type X gypsum board or equivalent.

Section M1201.2 is amended as follows:

**M1201.2 Application.** In addition to the general administration requirements of Chapter 1, the administrative provisions of this chapter shall also apply to the mechanical requirements of Chapters 13 through 24 and the City of Loves Park amendments to the International Mechanical Code.

Section M1202.4 is added as follows:

**M1202.4 Existing mechanical systems.** All existing mechanical systems shall comply with the International Property Maintenance Code, 2006 Edition, as amended.

Section M1301.2 is added as follows:

**M1301.2 Licenses.** Mechanical licenses and permits shall be obtained in accordance with Chapter 1 of the International Mechanical Code, 2006 Edition, as amended.

**Section M1307.3.1 is amended by adding the exception as follows:**

**Exception:** Appliances located in private garages which are installed at a minimum distance of 6 feet (1829 mm) above the floor.

**Section M1408 is deleted in its entirety.**

**Section M1416 Unvented room heaters is added as follows:**

**SECTION M1416  
UNVENTED ROOM HEATERS**

**M1416.1 General.** All unvented room heaters shall comply with section G2445 of this code.

**Section M1702.2 add exception as follows:**

**Exception:** If a gas appliance has own direct supply of combustion air then additional combustion air will not be required.

**Section G2415.9 is amended as follows:**

**G2415.9 (404.9) Minimum burial depth.** Underground piping systems shall be installed a minimum depth of 12 inches (610 mm) below grade, except as provided for in Section G2415.9.1, and in a separate trench from any electrical or cable system. If a separate trench is not practicable, the gas piping must be at least 6 inches (152 mm) away horizontally from any electrical system or cable system in the same trench.

**Section G2415.9.1 (404.9.1) Individual outside appliances.** is deleted in its entirety.

**Section G2415.17 shall be added as follows:**

**G2415.17 (404.17) Installation of Underground Gas Piping on Private Property.** All underground gas piping from the customer's side of the gas meter to any gas appliance or appurtenance shall be plastic pipe and shall be installed to comply with Sections G2415.9 and G2415.14.

**Section G2447.2 (623.2) Prohibited location.** is deleted in its entirety.

**Section G2447.3 (623.3) Domestic appliances.** is deleted in its entirety.

**Section P2601.1 is amended as follows:**

**P2601.1 Scope.** The provisions of this chapter, the International Plumbing Code, and the State of Illinois Plumbing Code, as amended, shall govern the installation of plumbing not specifically covered in other chapters applicable to plumbing systems. Where the installation of plumbing, appliances, equipment and systems are not addressed by this code, or differences between the codes occur, the provisions of the State of Illinois Plumbing Code shall apply. All work shall be performed by State of Illinois licensed plumbers in accordance with the Plumbing Contractor Registration Code, Part 894, and shall be bonded with the City of Loves Park.

**Section E3301.2 is amended as follows:**

**E3301.2 Scope.** Chapters 33 through 42 shall cover the installation of electrical systems, equipment and components indoors and outdoors that are within the scope of this code, including services, power distribution systems, fixtures, appliances, devices and appurtenances. Services within the scope of this code shall be limited to 120/240-volt, 0 to 400 ampere, single-phase systems. These chapters specifically cover the equipment, fixtures, appliances, wiring methods and materials that are most commonly used in the construction or alteration of one- and two-family dwellings and accessory structure regulated by this code. The omission from these chapters of any material or method of construction provided for in the referenced standard NFPA 70 shall not be construed as prohibiting the use of such material or method of construction. Electrical systems, equipment or components not specifically covered in these chapters shall comply with the applicable provisions of the ICC Electrical Code and NFPA 70 National Electrical Code, as amended and adopted, by the City of Loves Park.

**Section E3306.3 is amended as follows:**

**E3306.3 Minimum size of conductors.** The minimum size of copper conductors for feeders and branch circuits shall be 14 AWG, and the minimum size of aluminum conductors for feeders and branch circuits shall be 2 AWG. The minimum size of service conductors shall be as specified in Chapter 35. The minimum size of class 2 remote control, signaling and power-limited circuits conductors shall be as specified in Chapter 42.

**Section E3501.7 shall be deleted and replaced with the following:**

**E3501.7 Maximum number of disconnects.** All single family dwellings will require a single main line disconnect.

**Exception:** Two main line disconnects will be permitted when grouped and the combined service ampacity totals 200 amperes or more. Two family dwellings will be limited to a maximum of three grouped main line disconnects.

**Section E3503.3.1 Exception shall be deleted.****Section E3505.5 is deleted and replaced as follows:**

**E3505.5 Service conductors.** Service conductors outdoors from 18 inches (457 mm) below grade and above shall be installed in steel rigid or intermediate galvanized metal conduit, or aluminum rigid conduit.

**Section E3703.3 shall be deleted and replaced as follows:**

**E3703.3. Protection from Damage.** Direct-buried conductors and cables emerging from the ground shall be protected by enclosures or raceways extending from the minimum cover distance below grade required by Section 3703.1 to a point at least 8 feet (2438 mm) above finished grade. In no case shall the protection for any direct-buried conductors, cables, or service laterals be required to exceed 24 inches (610 mm) below finished grade. Where the enclosure or raceway is subject to physical damage the conductors shall be installed in rigid metal conduit, intermediate metal conduit, or Schedule 80 conduit. Conduit containing service conductors must be protected by rigid metal conduit or intermediate metal conduit, or, where underground and not subject to physical damage, nonmetallic Schedule 80 rigid conduit. No exposed nonmetallic conduit will be allowed containing service conductors. Conduit containing service conductors that are not encased in concrete and that are buried 18 in. (457 mm) or more below grade shall have their location identified by a warning ribbon that is placed in the trench at least 12 inches (305 mm) above the

underground installation.

**Section E3802.1 is deleted and replaced as follows:**

**E3802.1 Bathroom openings.** All openings for bathrooms are to be ground-fault circuit-interrupter protected, except bath fans and lights not installed in tub/shower zone as described in E3903.10. Fan units and lights shall not be installed in tub/shower area unless testing lab approved for the use.

**Section E4001.5 is deleted and replaced as follows:**

**E4001.5 Disconnecting means for air conditioning or refrigeration equipment.** A disconnecting means shall be located within sight from and readily accessible to permanently installed air conditioning or refrigerating equipment. Internal disconnects will not be approved unless factory installed.

**Section AE101.2 is hereby added as follows:**

**AE101.2 Mobile (manufactured) and modular units** shall comply with Manufactured Housing and Mobile Home Safety Act of the State of Illinois. Mobile structures are subject to the regulations of the Federal Department of Housing and Urban Development and shall be installed in accordance with appendix AE sections AE101, AE102, AE301 through AE605. Such units shall bear a red label permanently affixed to the unit detailing the independent inspection by a certified organization. Modular or manufactured units and their installation shall meet the provisions of this code and 430 Illinois Compiled Statutes 117 and 120; and Title 77, Chapter 1, Subchapter q, Part 880 of the Illinois Administrative Code. Modular units shall bear a seal approved by the Illinois Department of Public Health on the unit.

**Section AE201 DEFINITIONS ‘MANUFACTURED HOME’ is amended as follows:**

**MANUFACTURED HOME.** A structure transportable in one or more sections which, in the traveling mode is 8 body feet (2438 body mm) or more in width or 32 body feet (9754 body mm) or more in length, or, when erected on site, is equal to 320 square feet (30m<sup>2</sup>) or more, and which is built on a permanent chassis and designed to be used as a dwelling with or without a permanent foundation when connected to the required utilities, and includes the plumbing, heating, air-conditioning, and electrical systems contained therein; except that such term shall include any structure which meets all the requirements of this paragraph except the size requirements and with respect to which the manufacturer voluntarily files a certification required by the secretary (HUD) and complies with the standards established under this title. For mobile homes built prior to June 15, 1976, a label certifying compliance to the Standard for Mobile Homes, NFPA 501, ANSI 119.1, in effect at the time of manufacture is required. For the purpose of these provisions, a mobile home shall be considered a manufactured home.

**Section AE201 DEFINITIONS ‘MODULAR HOME’ is added:**

**MODULAR HOME.** A building assembly or systems of built sub-assemblies, designed for habitation as a dwelling for one or more persons, including the necessary electrical, plumbing, heating, ventilating and other service systems, which is of closed or open construction and which is made or assembled by a manufacturer, on or off the building site, for installation, or assembly and installation on the building site with a permanent foundation.

**Section AG105.2 item 9.1 is amended as follows:**

**AG105.2 Outdoor swimming pools. Item 9.1.** The pool shall be equipped with a manually or power-operated safety pool cover that meets all of the performance standards of the American Society for Testing and Materials (ASTM), in compliance with standard F1346-91 OR ASTM ES 12-89; or (the remainder is unchanged)

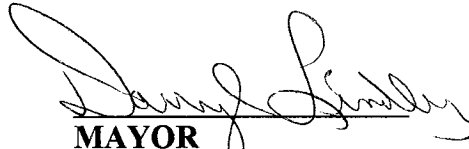
**SECTION THREE:** The Provisions and Sections of this Ordinance shall be deemed severable, and the invalidity of any portion of this Ordinance shall not affect the validity of the remainder.

**SECTION FOUR:** All ordinances, resolutions, or parts of ordinances in conflict herewith are hereby repealed.

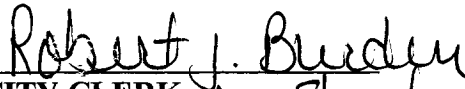
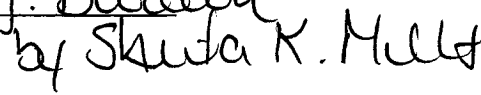
**SECTION FIVE:** This ordinance shall be in full force and effective on January 1, 2010.

**SECTION SIX:** A full, true, and complete copy of this Ordinance shall be published within 10 days after its passage in pamphlet form by and under the authority of the Corporate Authorities.

**APPROVED:**

  
**MAYOR**

**ATTEST:**

  
**CITY CLERK** by 

**PASSED: December 21, 2009, 10 Ayes (Aldermen Holmes, Brinker, Novak, Owens, Jacobson, Jury, Little, Pruitt, Frykman, Peterson)**

**APPROVED: December 28, 2009**

**PUBLISHED: In pamphlet form December 28, 2009 as required by Ordinance.**