



DEPARTMENT OF COMMUNITY DEVELOPMENT SERVICES

Building Safety Division

m e m o r a n d u m

TO: Bruce K. Walden, Chief Administrative Officer

FROM: Elizabeth H. Tyler, AICP, Director

DATE: January 4, 2007

SUBJECT: Adoption of the 2003 International Code Series

Description

The City Council is asked to review a proposed ordinance for the City of Urbana's adoption of the 2003 International Code Series. This code series will supersede and replace the 1990 BOCA Code series, which was adopted by the City in 1994.

The code series was reviewed by the Building Safety Code Board of Appeals on December 6, 2006 and was recommended for adoption by the City Council. The Property Maintenance Code section (Article IX) of the code series was also reviewed by the Property Maintenance Code Board of Appeals on December 12, 2006 and was recommended for adoption by the City Council.

A copy of the adopting ordinance for the International Code Series has been available for public review and comment for the period between December 15, 2006 and January 16, 2007. A copy has also been submitted to the State of Illinois Capital Development Board for public posting consistent with Public Act 92-489 (65 ILCS 5/1-2-3.1).

Issues

The International Code Series adopting ordinance follows the same format as that used in 1994. It will comprise Chapter 5 of the Urbana Code of Ordinances and contain the following Articles:

Article I: General
Article II: Director of Community Development Services
Article III: Building Code
Article IV: Residential Code
Article V: Reserved
Article VI: Electrical Code
Article VII: Plumbing Code
Article VIII: Mechanical Code

Article IX: Property Maintenance Code
Article X: Reserved
Article XI: Flood Hazard Areas
Article XII: Mobile Home Parks and Mobile Homes
Article XIII: Fire Prevention Code

Each of the Articles references, amends, and adds to the base code language published by the International Code Council. Copies of these base code documents are available to Council members and to the general public for use in reviewing the adopting ordinance through the Building Safety Division of the Community Development Services Department. City staff are investigating entering into an agreement with the International Code Council to allow for electronic posting of the Property Maintenance Code text through the City's website.

Background

The International Code Council (ICC) represents a merger of three model code groups. Since publication of the first ICC Code Series in 2000, many active communities have already made a transition to the ICC series. Builders and designers have been using the code for a number of years and are now experienced with its requirements. The City of Champaign has been on the International Series since 2002. They are currently using the 2000 series and are reviewing updates to the 2006 series.

One major overarching difference between the BOCA series and the ICC Code series is that the BOCA Code tends to be prescriptive, while the ICC series tends to be performance-based. It does not necessarily say you shall do "x, y, and z", but that you shall achieve "x, y, and z". For example, an energy performance of "x" shall be achieved; a heating level of "y" shall be achieved, etc. While the ICC does not dictate exactly how these standards are to be achieved, it does provide a fair amount of design flexibility on how to accomplish the goals.

The ICC Code provides for additional flexibility in design. It also includes relief from code restrictions that were found by the industries and code councils to be unnecessarily strict. One exception is seismic safety requirements, which are much stricter in the International Series.

It is important that the City of Urbana transition to the ICC series in order to maintain currency with code practice and consistency with other nearby communities. In addition, many of the progressive provisions included in the City's 1994 adopting ordinance have now been incorporated into the ICC. This will help to simplify day to day administration of the Code.

This adopting ordinance also incorporates changes necessary pursuant to a new state law effective January 1, 2007 regarding carbon monoxide detectors. This requires the installation of Carbon Monoxide detectors within 15 feet of all sleeping areas in most circumstances. These provisions have been added to the Building Code (Article III), Residential Code (Article IV), and Property Maintenance Code (Article IX).

Discussion

Major changes to each of the Adopting Ordinance articles are summarized and discussed below.

Article I, General

This article is modified only by elimination of a provision regarding bonding for work within the right-of-way. The requirement for bonding for this work is not deemed necessary as requirements are adequately covered by permits issued by the Public Works Department.

Article II, Building Official

This article is modified to clarify the offices of the Building Official, Community Development Services Director, and Building Safety Manager.

Article III, Building Code

The Building Code deals with both structural and fire protection issues. Fire protection provisions are addressed by means of building type classification and allowances according to size, or “allowable area”. This system helps to ensure fire protection based upon the containment and separation of areas through fire walls, separation assemblies, and requirements for sprinkling. Changes in the 2003 International Building Code, as compared to the 1990 BOCA Code include the following:

- The 2003 Code allows generally larger allowable areas under Height and Area Limitations than does the 1990 Code. These allowances relate to fire protection measures.
- The area increase to trigger a sprinkling requirement for a one-story building is now 300%, rather than 200%.
- The method for determining the total area of a building for purposes of fire protection ratings has been changed. The 1990 Code set a percent of reduction in the allowable area per floor (tabular value) based on the number of stories that the building would have. Under the 2003 Code, in buildings that are not unlimited in height and area allowance, the total area of the building cannot exceed three times the allowable area of the first floor.
- The 2003 Code allows additional trade-ups for sprinkling buildings.
- The 2003 Code allows some additional types of buildings to have unlimited areas. Some use groups and construction types are now allowed to be two stories and still have unlimited areas.
- The 2003 Code contains prescriptive fire rated assemblies. This means that the builder can build a system of components from a list to yield a required fire rating without having a specific rated assembly from a testing agency.
- The seismic section of the Code is greatly expanded and additional protections added.

The Adopting Ordinance has been modified to reflect these changes.

Article IV, Residential Code

The CABO One- and Two-Family Dwelling Code is now entitled the 2003 International Residential Code (IRC). This new code covers several provisions that were in the previous adopting ordinance. Therefore, these provisions can be removed from the adopting ordinance. Some examples of these are:

- Allowable ceiling height (now Section R-305, previously Section R-205) will change from seven feet, six inches to seven feet, zero inches for habitable rooms.
- Requirements for handrails will change from three to four or more risers (Section 311.5.6).
- Flood resistant construction requirements are added (Section R-323).

Other changes include:

- more details on basement wall reinforcement requirements
- modifications to tables for improved readability
- Allowance of unvented room heaters if installed per manufacturer's installation requirements.
- Carbon monoxide detector requirements consistent with new State law

The Adopting Ordinance has been modified to reflect these changes.

Article V, Reserved

This Article is reserved for future code additions.

Article VI, Electrical Code

The Adopting Ordinance will make Urbana more compatible with the National Electric Code (NEC) and with the City of Champaign. Previously, Urbana had been "ahead of the curve" with respect to GFCI protection. The NEC now incorporates these protections and it is no longer necessary to include in our adopting ordinance.

As part of the adopting ordinance, the City is proposing to relax its rewiring requirements to allow citizens greater flexibility and choice when upgrading an electrical service. This will help to alleviate the financial burden of the upgrade, but will not compromise the remediation of any identified hazards.

In addition, the adopting ordinance will allow the City to go to a uniform electrical contractor examination/licensing system to be administered by ICC, rather than by the City of Urbana. This

will help to ensure more uniform licensing of contractors in the area and will reduce the burden on staff resources.

Major changes in the 2003 National Electrical Code include the following:

- Arc fault circuit breakers are required for outlets in bedrooms
- Smoke detectors are required in all bedrooms in addition to the currently required locations (i.e., one in hallways and one on each level)
- Aluminum feed cable is allowed for panel feeders that are 100 amps or larger.
- Rewiring requirements are less stringent

These changes are incorporated into the adopting ordinance.

Article VII, Plumbing Code

By State law, the Illinois Plumbing Code must be adopted and used in Urbana. However, the International Plumbing Code is also adopted for administrative purposes and is used when the International Code is more stringent than the Illinois Plumbing Code. Because the Illinois Plumbing Code is enforced as the required code in Urbana, the effect of changing from BOCA to the International Code will be minimal.

The referenced standards included in Urbana's current adopting ordinance have now been incorporated into the International Code, and so can be removed from the proposed adopting ordinance. There are also references to the Environmental Protection Agency rules that can be deleted from the adopting ordinance, since these are now covered by City Public Works review and permits. Other deleted sections are found in the Illinois Plumbing Code and are no longer needed in the adopting ordinance.

Article VIII, Mechanical Code

The International Mechanical Code (IMC) is an updated version of the BOCA Mechanical Code. The IMC continues to provide criteria for the initial design of mechanical systems through the installation and construction of these systems. There are numerous chapter and section realignments that make the code more consistent throughout.

The proposed adopting ordinance has been re-numbered and sections have been deleted that are now found in the IMC. For example, hot water boilers are addressed in the IMC, the International Plumbing Code, and the Illinois Plumbing Code, and so are no longer addressed in the adopting ordinance. Other provisions that have worked well for Urbana in the past are retained, such as the section on gas-fired logs.

There are a few areas of change from the BOCA to the IMC that will have the most impact. The section on commercial hood exhaust is now modified to include Type I and Type II hood systems that allow the designer to provide the type of hood that is needed to give the best

performance. In addition, ventilation rates have been updated to better perform with new systems. Energy systems are also included to a greater extent in performance models.

Most mechanical designers have been using the International Code Series and adoption of the 2003 IMC will allow future designs to use the most modern technology available.

Article IX, Property Maintenance Code

Major changes to the Property Maintenance Code in updating from the BOCA series to the ICC series include the following:

- The Code Official (Housing Inspector) is given the right to condemn a property if it becomes over-occupied (Section 108.1.4)
- A property owner may be required to clean up graffiti (Section 302.9)
- Swimming pools are required to be maintained and sanitary (Section 303.3)
- Pools and hot tubs with over 24 inches of water are required to be enclosed (Section 303.2)
- Any windows within six feet of reach from the exterior are to contain a security latch (Section 304.18.2)
- Discarded refrigerators are required to have the door removed (Section 307.2.2)
- Requirements are set for efficiency units (Section 404.6)
- Requires smoke detectors to be hard wired where accessible (Section 704.3).

Other changes being proposed to reflect current practice, recent comments by the Tenant Union, and other comments arising from the discussion of the proposed Rental Registration Program include the following:

- A new section on compliance with code violations (Section PM-104.6.1). This section sets forth three levels of code compliance deadlines: one to three days for life safety concerns; one to five days for livability concerns; and 30 days for all other concerns.
- Screens shall be required year round
- The minimum fine for violation is set at \$135, rather than \$1.00. The \$135 figure is the average minimum fine found in other City ordinances. (Note that fines are assessed per day per count).
- Parking area lighting is required to be maintained. Additional requirements and specifications are to be established in the Urbana Zoning Ordinance.
- Carbon monoxide detector requirements consistent with new State law.

Article X, Reserved

This article is reserved for future code additions.

Article XI, Flood Hazard Areas

Article XI, Flood Hazard Areas has been revised to bring it into conformity with the Illinois Model Ordinance Regulating Development in Floodplain Areas developed by the Illinois Department of Natural Resources Office of Water Resources. The model ordinance was developed in accordance with the Federal Emergency Management Agency to help communities protect public health and safety.

Significant changes to the existing Article XI Flood Hazard Areas include the following:

- Requires new construction, improvements to existing structures and repairs to flood damaged structures to be protected to a flood protection elevation (base flood elevation plus one foot).
- Expands and updates requirements for building protection against the flood protection elevation.
- Adds a list of approved construction activities and facilities in the floodway.
- Increases the minimum fine from \$25.00 to \$100.00 in the penalties for noncompliance section.
- Adds a Public Health and Other Standards section to deal with the issues flooding creates regarding public health.

Article XII, Mobile Home Parks and Mobile Homes

No significant changes have been made to this article.

Article XIII, Fire Prevention Code

This Article is being updated to bring the Urbana Ordinance into greater compliance with the National Fire Code and with the Fire Prevention Code in Champaign. As with other sections, the Urbana Adopting Ordinance was previously “ahead of the curve” for certain provisions, which have now made their way into the National Fire Code and no longer need to be included in the adopting ordinance. The adopting ordinance will also adopt all Appendices of the 2003 International Fire Code.

The major change will be an amendment to the Fire Protection Systems section dealing with fire sprinklers to bring Urbana in line with the requirements currently in place in Champaign. This will help to provide an improved level of safety for Urbana citizens. In summary, this regulation would require that sprinklers be installed in the following types of existing buildings within five years following adoption of the Ordinance: high-rise buildings, buildings with impaired evacuation, institutional buildings, Group R-2 residential buildings with 16 or more units, each of which has one or more occupants who have impaired evacuation capabilities, and dormitories. It should be noted that many of the applicable buildings in Urbana have already completed the installation of sprinklers.

Fiscal Impacts

The Adopting Ordinance to move from the current 1990 BOCA Code to the 2003 International Code series will have negligible financial impact upon the City. Most designers and builders are already familiar with and using the International Code series. City staff have already completed the necessary training and certification requirements to use the code. There are extensive benefits and reduction of risk in adopting a modern code that is consistent with that used by nearby communities. Insurance Service Office (ISO) ratings for the City's building safety division will improve with the adoption of the International Code Series, which could possibly benefit insurance rates in the community.

Options

The City Council has the following options in this case:

1. Approve the Adopting Ordinance without any changes
2. Approve the Adopting Ordinance, along with certain specified modifications
3. Do not approve the Adopting Ordinance. In this case, the Council should identify alternative courses of action to ensure currency of relevant codes.

Recommendation

The Urbana Building Safety Code Board of Appeals has met and recommends approval of the proposed adopting ordinance. The Urbana Property Maintenance Code Board of Appeals has met and also recommends approval of the proposed Property Maintenance Code (Article IX). Staff recommends that the City Council APPROVE the proposed adopting ordinance, along with any necessary changes.

Attachment: Adopting Ordinance

ORDINANCE NO. 2007-01-006

AN ORDINANCE ADOPTING BUILDING AND FIRE SAFETY CODES WITH ADDITIONS, DELETIONS AND MODIFICATIONS AND REPEALING CERTAIN SECTIONS OF THE CODE OF ORDINANCES CITY OF URBANA, ILLINOIS (CHAPTER 5 OF THE URBANA CODE OF ORDINANCES).

WHEREAS, for the purpose of establishing rules and regulations to protect the public health, safety and welfare with respect to the construction, alteration, moving, removal, demolition, equipment, use, occupancy, and maintenance of buildings and structures, the City of Urbana desires to adopt and to keep current building and fire safety codes; and

WHEREAS, 65 ILCS 5/1-3-2 and 50 ILCS 220/2 both provide that where rules, regulations, and codes for the construction of buildings have been printed in book form, such rules, regulations, and codes, or portions thereof, may be adopted by reference; and

WHEREAS, the Urbana Building Safety Code Board of Appeals reviewed the 2003 International Code Series for adoption by Urbana at a meeting on December 6, 2006 and did recommend adoption of said codes by the City of Urbana; and

WHEREAS, the Urbana Property Maintenance Code Board of Appeals reviewed the 2003 International Property Maintenance Code for adoption by Urbana at a meeting on December 12, 2006 and did recommend adoption of said code by the City of Urbana, and

WHEREAS, three copies of the 2003 International Code Series, including the International Building Code, International Residential Code, International Property Maintenance Code, International Mechanical Code, International Plumbing Code and the International Fire Code containing the rules and regulations hereafter adopted have been filed in the Office of the City Clerk for use and examination by the public for at least thirty (30) days prior to their adoption; and

WHEREAS, although three copies of such Codes have been filed with the City Clerk as recited above, this Ordinance adopting such Codes as hereinafter set forth, is adopted pursuant to the provisions regarding home rule of the Illinois Constitution of 1970 and is to be regarded as an exercise of the home rule powers of the City of Urbana.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF URBANA, ILLINOIS, as follows:

Section 1. All of Chapter 5 of the Urbana Code of Ordinances is hereby repealed upon this Ordinance taking effect.

Section 2. Nothing in this Ordinance or in the Building and Safety Codes herein adopted shall be construed to affect any suit or proceeding pending in any court, or any rights acquired, or a liability incurred, or any cause or causes of action acquired or existing under the Ordinance hereby repealed; nor shall any right or remedy of any character be lost, impaired, or affected by this Ordinance.

Section 3. That the attached Chapter 5 of the Urbana Code of Ordinances is hereby enacted, containing the following Articles:

Article I	General
Article II	Building Official
Article III	Building Code
Article IV	Residential Code for One- and Two-Family Dwellings
Article V	Reserved
Article VI	Electrical Code
Article VII	Plumbing Code

Article VIII	Mechanical Code
Article IX	Property Maintenance Code
Article X	Reserved
Article XI	Flood Hazard Areas
Article XII	Mobile Home Parks and Mobile Homes
Article XIII	Fire Prevention Code

Section 4. Should any section, paragraph, sentence, clause, phrase, or word of this Ordinance be declared invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect any of the remaining words, phrases, clauses, sentences, paragraphs, or sections of this Ordinance, since the same would have been enacted by the City Council without the incorporation in this Ordinance of any such invalid or unconstitutional word, phrase, clause, sentence, paragraph, or section.

Section 5. The City Clerk is directed to publish this Ordinance in pamphlet form by authority of the corporate authorities, and this Ordinance shall be in full force and effect as of midnight on the _____ day of _____ 2007.

This Ordinance is hereby passed by the affirmative vote, the "ayes" and "nays" being called, of a majority of the members of the Council of the City of Urbana, Illinois, at a regular meeting of said Council.

PASSED by the City Council this ____ day of _____, 2007.

AYES: _____
 NAYS: _____
 ABSTAINS: _____

 Phyllis D. Clark, City Clerk

APPROVED by the Mayor this ____ day of _____, 2007.

 Laurel Lunt Prussing, Mayor

CERTIFICATE OF PUBLICATION IN PAMPHLET FORM

I, Phyllis D. Clark, certify that I am the duly elected and acting Municipal Clerk of the City of Urbana, Champaign County, Illinois.

I certify that on the ____ day of _____, 2007, the corporate authorities of the City of Urbana passed and approved Ordinance No. _____, entitled, "An Ordinance Adopting Building and Fire Safety Codes," which provided by its terms that it should be published in pamphlet form.

The pamphlet form of Ordinance No. ____ was prepared, and a copy of such Ordinance was posted in the Urbana City Building commencing on the _____ day of _____, 2007, and continuing for at least ten (10) days thereafter. Copies of such Ordinance were also available for public inspection upon request at the Office of the City Clerk.

Dated at Urbana, Illinois, this ____ day of _____, 2007.

SEAL

Phyllis D. Clark, City Clerk

ARTICLE I: GENERAL

Sec. 5-1. Reserved.

Sec. 5-2. Definitions.

A. *Whenever the words "municipality" or "city" are used in this Ordinance or in any adopted code, they shall be held to mean the City of Urbana, Illinois.*

B. *The intent of this Ordinance shall be that the requirements and applicability of the codes referenced in this Ordinance shall be based upon the use group classifications, definitions, and construction types as designated in those codes as modified by this ordinance. Classifications, definitions, and occupancy types from other codes such as NFPA and/or the Zoning Ordinance shall not be used when determining requirements from the codes referenced by this Ordinance.*

Sec. 5-3. Other Referenced Codes and Ordinances. *Nothing in the adoption of the codes set forth above shall be construed to exempt any building or structure, or portion thereof, or occupancy or use thereof, from compliance with any and all other applicable codes and ordinances of the City of Urbana, Illinois. Wherever in the Building Code there is a conflict with the Zoning Ordinance of the City, the provisions of the Zoning Ordinance shall apply.*

Sec. 5-4. Contractor Bonds for Right-of-Way Damage. *All contractors or other persons doing or proposing to do work in the City of Urbana, which work may reasonably be expected to cause any physical disturbance of the public right-of-way including but not limited to any excavation, shall in addition to permits required under Chapter 5 (if necessary) obtain a right-of-way permit from the City Engineer. Before the said right-of-way permit may be issued, the contractor or other person must post a bond as set forth under Section 20-71 of the Urbana Code of Ordinances.*

Sec. 5-5. Additions, Modifications, Deletions, and Substitutions. *Where the following words precede the sections and subsections of the Codes hereinafter adopted they shall have the meanings set forth below.*

"ADD" means that such provision is thereby added to and made a part of the Code indicated as though fully set forth therein at the referenced section.

"AMEND" (see "MODIFY").

"DELETE" means that such provision deletes the referenced section from the code referenced.

"MODIFY" means that such provision amends the referenced section of the code referenced to read as provided and that such provision is added to and made a part of such code as though fully set forth at the referenced section number.

"SUBSTITUTE" means that provision is substituted in place of the referenced section and is made a part of the code referenced.

Secs. 5-6 - 5-10. Reserved.

ARTICLE II BUILDING OFFICIAL

Sec. 5-11. Offices created. *There is hereby created the offices of Director of Community Development Services and Building Safety Division Manager. The Director of Community Development Services may be referenced to as the Building Official in this Code, and may also assign such duties to the Building Safety Division Manager.*

Sec. 5-12. Appointment. *The Director of Community Development Services and the Building Safety Division Manager shall be appointed by the Mayor with the advice and consent of the City Council.*

Sec. 5-13. Duties. *The duties of the Director of Community Development Services and/or Building Safety Division Manager shall be as follows:*

A. *The Director of Community Development Services, or his/her designation of the Building Safety Division Manager, shall be the Building Official of the city and shall issue all building permits and carry on all duties of the Building Official as such term is used elsewhere in city ordinances.*

B. *The Director of Community Development Services and Building Safety Division Manager shall perform other such duties as prescribed by the Mayor or City Council from time to time.*

Secs. 5-14 - 5-20. Reserved.

ARTICLE III BUILDING CODE

Sec. 5-21. Adoption of the 2003 International Building Code. *The 2003 International Building Code as promulgated and published by the International Code Council, Inc., is hereby adopted as the Building Code of the City of Urbana, Illinois; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions, and terms of the said International Building Code are hereby referred to, adopted, and made a part hereof, with the additions, insertions, deletions, and changes prescribed in Section 5-23.*

Sec. 5-22. Effect of State Law. *The adoption of the 2003 International Building Code herein pursuant to home rule powers is not intended to negate any state statute on the same subject except insofar as the article imposes a more stringent requirement or standard than does the state statute. Where differences occur between common provisions of this Code and any other code or standard referenced by this Code, the provisions of this code shall apply.*

Sec. 5-23. Additions, Amendments, Modifications, Deletions, and Substitutions. *The following sections and subsections of the 2003 International Building Code are amended or changed as defined hereinafter:*

Section 101.1 entitled "Title," is modified to read as follows:

Section 101.1 Title: These regulations shall be known as the Building Code of the City of Urbana, Illinois hereinafter referred to as "this Code".

Section 101.4.1 entitled "Electrical" is modified to read as follows:

Section 101.4.1 Electrical: The provisions of the 2002 National Electrical Code shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

Section 101.4.7 entitled "Energy" is modified to read as follows:

Section 101.4.7 Energy: The provisions of the Illinois Energy Code shall apply to all matters governing the design and construction of buildings for energy efficiency.

Section 103.1 entitled "Creation of Enforcement Agency" is modified to read as follows:

Section 103.1 Creation of Enforcement Agency: The Director of Community Development Services or his/her designee shall be herein specifically known and referred to in this code as the "Building Official".

Sections 103.2 and 103.3 are deleted.

Section 104.7 entitled "Department Records," is modified to read as follows:

Section 104.7 Department Records: An official record shall be kept of all business and activities specified in the provisions of this Code, and all such records shall be open to public inspection subject to the statutes and laws of the State of Illinois.

Section 104.8 entitled Liability," is modified to read as follows:

Section 104.8 Liability: The Building Official or his/her designee, Officers, members of the Building Code Board of Appeals, or employees charged with the enforcement of this Code, while acting for the

municipality, shall not thereby render themselves liable personally, and they are hereby relieved from all personal liability for any damage that may occur to persons or property as a result of any act required or permitted in the discharge of their official duties. Any suit instituted against any officer or employee because of an act performed by them in the lawful discharge of their duties and under the provisions of this Code, or any amendment thereto, shall be defended by a legal representative of the City until the final termination of the proceedings. The Building Official or any subordinates shall not be liable for costs in any action, suit, or proceeding that may be instituted in pursuance of the provisions of this Code; and any officer of the Department of Community Development Services, acting in good faith and without malice, shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.

Section 105.3.3 entitled "Noxious Odor Abatement Plan," is added and reads as follows:

Section 105.2 Noxious Odor Abatement Plan: Where plans filed with a building permit application for new construction or additions to facilities indicates an emission source reasonably expected to produce a noxious odor beyond that of normal mechanical systems for the facility operation, the Building Official may require a Noxious Odor Abatement Plan to be filed by the owner which shall indicate the methods proposed to be used to minimize such emissions. The plan shall utilize the best available technology as determined by the Building Official for effectuating odor reductions consistent with industry standards. If the structure is then built, the noxious odor abatement plan will be implemented substantially as proposed.

Section 105.8 entitled "Unused Building Materials," is added and reads as follows:

Section 105.8 Unused Building Materials: When a permit becomes invalid or is voided for any reason, all building materials not stored within a building or permanent structure shall be removed from the job site.

Section 106.3.1 entitled "Approval of Construction Documents," is modified to read as follows:

Section 106.3.1 Approval of Construction Documents: One duplicate set of the approved plans shall be kept at the job site at all times, available to the Building Official at all reasonable times.

Section 106.6 entitled "Exterior Storage of Construction Materials," is added and reads as follows:

Section 106.6 Exterior Storage of Construction Materials: The exterior storage of construction materials shall not be allowed beyond 120 days from the date of permit issuance for projects with an estimated cost of construction of less than \$50,000.00 which are located within a residential zoning district, unless a temporary storage permit has been issued by the Building Official. (Refer to Chapter 14 of the Urbana Code of Ordinances for the applicable fee.)

The Building Official may issue a temporary storage permit for 30 day intervals, not to exceed 180 days for any project. The exterior storage of construction materials authorized by any such temporary storage permit shall be subject to the requirements for location, visual screening, and weather protection as established by the authority having jurisdiction.

EXCEPTION: Materials which are stored within a structure and which are not visible from the exterior thereof, nor exposed to weathering as determined by the Building Official.

Section 106.7 entitled "Exterior Weather Resistance," is added and reads as follows:

Section 106.7 Exterior Weather Resistance: The exterior of all structures for which a building permit has been issued must comply with the provisions of Section 302.1 of the 2003 International Property Maintenance Code, as adopted by the City of Urbana, within ten months of the issuance of said building permit.

EXCEPTION: The compliance time frame of this section may be extended for cause by the Building Official for projects of unusual complexity or size. All such extensions must be made in writing and be made part of the active file for the project.

The provisions of this Ordinance shall apply not only to all newly issued building permits, but also to any building permits previously issued.

Section 108.2 entitled "Schedule of Permit Fees," is modified to read as follows:

Section 108.2 Schedule of Permit Fees: The fees for plan examination, building permits, demolition permits, moving permits, signs, and all other types of permits shall be prescribed in the License and Permit Ordinance, referenced as Chapter 14 in the Urbana Code of Ordinances.

Section 108.6 entitled "Refunds" is deleted.

Section 110 entitled "Certificate of Occupancy," is modified as follows:

Section 110.2 Certificate Issued. After the Building Official inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the Division of Building Safety, the Building Official shall issue a Certificate of Occupancy.

Section 112 entitled, "Board of Appeals," is modified as follows.

Section 112.4 Means of Appeal: Any person shall have the right to appeal to the Building Safety Code Board of Appeals from a decision of the Building Official refusing to grant a modification to the provisions of this Code covering the manner of construction or materials to be used in the erection, alteration, or repair of a building or structure. An application for appeal shall be based on a claim that the true intent of this Code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this Code do not fully apply, or an equivalent form of construction can be used.

Section 112.4.1: An appeal of a legal notice or order by a Building Official or the Fire Official must be made within 15 days of receipt of such notice.

Section 112.4.2: Appeals involving the following codes (and other Codes incorporated therein) shall be made to the Building Safety Code Board of Appeals:

- A. 2003 International Building Code
- B. 2003 International Mechanical Code
- C. 2003 International Fire Prevention Code
- D. 2003 International Plumbing Code
- E. 2002 National Electrical Code

Section 112.5 Membership of the Building Safety Code Board of Appeals: The Building Safety Code Board of Appeals shall be comprised as follows: one licensed electrician or electrical engineer; one licensed plumber or mechanical engineer; one architect; one building contractor; and one attorney. The members shall be appointed by the Mayor, with approval of the City Council, for a term of five years, with the initial terms staggered.

Section 112.5.1 Alternate Members: In addition to the members herein referred to, the Mayor shall initially appoint two alternate members subject to confirmation of the corporate authorities. Such alternate members shall serve on the Board with the same powers and privileges as regular members when present at a meeting of the Board in place of an absent regular member. The alternate members so appointed shall serve for a term of three years. There are no special trade requirements for membership of alternates.

Section 112.5.2 Chair of Board and Board Rules: The Mayor shall appoint one of its members to serve as Chair, and the Building Official shall keep a detailed record of all proceedings on file in the

Building Safety Division. The Board shall enact rules and by-laws under which it shall operate. The Board shall elect a temporary chair in the absence of the appointed chair.

Section 112.5.3 Disqualification of Member: A member shall not hear an appeal in which that member has any personal, professional, or financial interest.

Section 112.6 Notice of Meeting: The Board shall meet upon notice of the Chair or the Building Official within 20 working days of filing of an appeal or at stated periodic meetings if arranged by the volume of work.

Section 112.7 Open Meetings: All hearings shall be open to the public. The appellant, the appellant's representative, the Official of the jurisdiction, and any other person whose interests may be affected by the matter on appeal, shall be given an opportunity to be heard at the meeting in which the appeal is heard.

Section 112.8 Board Decision: The Board shall modify or reverse the decision of the Building Official by a majority vote of those members present. The decision of the Board shall be by formal motion. Copies shall be furnished to the appellant and to the Building Official.

Section 113.4 entitled "Violation Penalties," is modified as follows:

Section 113.4 Violation Penalties: Any person who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter, or repair a building or structure in violation of an approved plan or directive of the Building Official, or of a permit or certificate issued under the provisions of this Code, shall be guilty of an offense and subject to a fine as set forth in Section 1-10 (k) of the Code of Ordinances of the City of Urbana. Each day that a violation continues after due notice has been served, in accordance with the terms and provisions hereof, shall be deemed a separate offense.

Section 114.3 entitled "Unlawful Continuance," is modified to read as follows:

Section 114.3 Unlawful Continuance: Any person who shall continue any work in or about the structure after having been served with a "stop work" order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to the penalties as prescribed in Section 113.4.

Section 115.4 entitled "Method of Service," is amended to read as follows:

Section 115.4 Method of Service: The unsafe notice shall be deemed to be properly served upon such owner if (1) a copy thereof is delivered to the owner personally or (2) a copy thereof is mailed to the owner by regular, first-class U.S. mail, postage prepaid, and a copy thereof is posted in a conspicuous place on the premises where the violation exists. If the notice is served by mailing and posting, the service shall be deemed effective on the third day after mailing and posting.

Section 502.1 entitled "Definitions," is modified to read as follows:

Grade Plane: A reference plane representing the average of finished ground level adjoining the building at all exterior walls without the exemption of any areas used for loading docks, driveways, ramps, or stairs. Where the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line. Where the lot line is less than 15 feet from the building, the site may not be filled so as to raise the grade plane for the purposes of classifying a level as a story below grade.

Section 903.2.7 entitled "Use Group R-2; EXCEPTION," is added and reads as follows:

Section 903.2.7 Use Group R-2 EXCEPTION: Buildings of not more than two stories above grade and twelve or fewer dwelling units, where all dwelling units discharge directly outside at ground level or onto a

roofed-over open balcony that is located on the exterior face of the building, facing an unoccupied open space, and said balcony is served by not less than two remote and independent exit stairs.

Section 907.16.1 entitled "Testing," is added and reads as follows:

Section 907.16.1 Testing: All fire protection systems shall be tested in the presence of and shall be approved by the Building Official and the Fire Official (or their authorized agents). Where supervision of a system is required, no more than 90 seconds shall elapse between the time that a fire protection system device activates and notification is received by the local fire dispatching jurisdiction.

Section 907.20 entitled "Notification to the Fire Department," is added and reads as follows:

Section 907.20 Notification to the Fire Department: No fire protection system may be disconnected or shut off without approval from the Fire Official. Where a supervised system transmits a "trouble" signal (as opposed to an alarm signal in a fire situation) the receiving station or agency shall notify the Fire Official immediately and shall then notify the owner of the system. It is intended here that the Fire Department be notified when a fire alarm system is not working properly, or is in trouble, but not that the fire department dispatch vehicles or notify the owner.

Section [F] 909.3 Special inspection and test requirements is deleted.

Section [F] 909.18.8 Special inspections for smoke control is deleted.

Section [F] 909.18.8.1 Scope of testing is deleted.

Section [F] 909.18.8.2 Qualifications is deleted.

Section [F] 909.18.8.3 entitled "Reports" is deleted.

Section [F] 909.18.8.3.1 Report filing is deleted.

Section 1007 Accessible Means of Egress is deleted in its entirety.

Section 1009.11.5 entitled "Handrail Extensions" is modified to read as follows:

Section 1009.11.5 Handrail Extensions: Handrails shall return to a wall, guard or the walking surface or shall be continuous to the handrail of an adjacent stair flight. Where handrails are not continuous between flights, the handrails shall extend horizontally at least 12 inches (305 mm) beyond the top riser and continue to slope for the depth of one tread beyond the bottom riser and then extend horizontally at least 12 inches.

Chapter 11 entitled "**Accessibility**" is substituted with the following:

Section 1101.1 Scope: The provisions of this Chapter shall control the design and construction of facilities for accessibility to physically disabled persons.

Section 1101.2 Design: Where applicable, all buildings or structures, shall comply with the State of Illinois Environmental Barriers Act of 1985 and the State of Illinois Accessibility Code.

Section 1101.2.1 Covered Multifamily Buildings: In buildings or portions thereof of use group R-2, containing four or more dwelling units, all such dwelling units in buildings with an elevator, or the ground floor dwelling units in other buildings (of the R-2 group and four or more dwelling units without an elevator) shall be designed and constructed in such a manner that:

- (A) At least one accessible entrance on an accessible route is provided to each such building;
- (B) The public and common use portions of such buildings are readily accessible to and useable by individuals with disabilities;

- (C) All buildings subject to these requirements shall have a minimum of ten percent (10%) of the total number of dwelling units therein, but not less than two units, located on the ground floor level;
- (D) All doors that allow passage into and within all such buildings and into and within all dwelling units subject to these requirements are sufficiently wide to allow passage by persons with disabilities who use wheel chairs;
- (E) The adaptable dwelling units shall be proportionately distributed throughout all types of units and locations. The adaptable units within a building shall provide comparable area and number of rooms and shall provide the same design elements.
- (F) When the accessible floor level contains parking spaces within the building perimeter adjacent to the dwelling units, the following requirements shall apply:
 - 1.) The common walls between the parking area and the dwelling units shall have a sound transmission rating of not less than 55 for airborne noise when tested in accordance with ASTM E90. EXCEPTION: Designs that incorporate an access corridor between the dwelling unit and the parking area separation wall shall have a sound transmission rating of not less than 45 for the dwelling unit wall.
 - 2.) The accessible route to the adaptable dwelling units shall provide the same weather protection characteristics of the route to other dwelling units.
 - 3.) All design elements provided to the non-adaptable dwelling units shall also be provided to the adaptable dwelling units.
 - 4.) Adaptable dwelling units shall be placed in a manner that will locate a minimum of two units together.
 - 5.) Doors from the dwelling unit shall not be permitted to open directly into the parking area.
- (G) All dwelling units subject to these requirements shall contain the following features of adaptable design:
 - 1.) An accessible route into and through the dwelling unit;
 - 2.) Light switches, electrical outlets, thermostats and other environmental controls in accessible locations;
 - 3.) Reinforcement in bathroom walls to allow later installation of grab bars around the toilet, tub shower stall, and shower seat, where such facilities are provided and;
 - 4.) Usable kitchens and bathrooms such that an individual in a wheelchair can maneuver about the space.

Section 1101.2.2 "Referenced Standards and Guidelines" The elements specified in Section 1101.2.1 shall comply with the Illinois Accessibility Code, (Section 400.360 Requirements for Adaptable Dwelling Units).

Section 1208.3.1 entitled "Area for Sleeping Purposes," is added and reads as follows:

Section 1208.3.1 Area for Sleeping Purposes: Every room occupied for sleeping purposes by one occupant shall contain at least 70 square feet of floor area, and shall contain an additional 50 square feet for each additional occupant thereafter.

Section 1211 entitled "Security Standards for Residential Structures is added and reads as follows: (formerly Section 627).

Section 1211.0 Security Standards for Residential Structures

Section 1211.1 Where Required: All buildings of Use Group R-1, R-2, R-3, and R-4 shall comply with the requirements of this Section as defined in 1211.1.1 through 1211.1.3.

Section 1211.1.1: All new buildings constructed after the effective date of this Ordinance.

Section 1211.1.2: All buildings constructed after the effective date of Ordinance No. 7677-13 (previous Urbana Security Ordinance).

Section 1211.1.3: All existing buildings which are altered or remodeled, as required in Section 3403 of this Code and/or where required by the International Property Maintenance Code, as modified.

Section 1211.2 Definitions: Exterior shall mean that portion of a building or structure that provides access from the outside of the building or structure, or a part thereof. Exterior includes but is not limited to those portions of individual dwelling units constructed in a common building or structure which are accessible to persons not residing within that particular dwelling unit. This definition also includes doors leading from garage areas into various residential dwellings. For the purposes of this Section, only boarding houses, rooming houses, and dormitories shall be considered one dwelling unit.

Section 1211.3 Exterior Swinging Doors: All exterior swinging doors to individual dwelling units shall swing inward, wherever practical, and shall comply with Sections 1211.3.1 through 1211.6. In all cases, doors shall comply with door swing, hardware requirements, fire ratings, etc. as indicated in other Sections of this Code.

Section 1211.3.1 Wood Doors: Wood doors shall be of solid core wood construction with a minimum thickness of one and three-quarter (1-3/4) inches.

Section 1211.3.2 Metal Doors: Metal doors shall have a minimum thickness of one and three-quarters (1-3/4) inches, and shall be reinforced for security hardware, where required by this Section, and recommended by ANSI A151.1 - 1980 or other approved nationally recognized standards.

Section 1211.3.3 Multiple Doors: Where pairs of doors are used they shall comply with the requirements of this Section. Inactive leafs shall be equipped with flush or surface bolts, protected by hardened material with a minimum throw of three-quarters (3/4) inch at the head and foot of the door. Active leafs shall be equipped with hardware as required in Section 1211.5. Alternative means of securing multiple door installations may be used when approved by the Building Official where equal security and safety is provided.

Section 1211.4 Frames: The exterior jambs shall be reinforced at the point where the lock(s) engage(s) the jamb.

Section 1211.4.1 Strike Plates: Strike plates shall be firmly secured with a minimum of two screws having a minimum length of two and one-half (2-1/2) inches each. Screws shall penetrate framing members behind the jamb. In other than wood construction, the manufacturer's recommendations shall be followed.

Section 1211.5 Hardware: Except where provided in this Section, all doors shall be secured with a single-cylinder deadbolt with a minimum one inch throw which penetrates the strike not less than three-quarters (3/4) inches:

- A. Deadbolts shall be case hardened material.
- B. Cylinders shall be designed or protected so that they cannot be gripped by pliers or other wrenching devices.
- C. Deadbolt locks shall be openable from the inside without the use of a key or special knowledge, (double-cylinder deadbolts are not permitted), and parts thereof shall not bear any numbers or letters which may reveal a combination from which a key or similar controlling device could be fashioned and which could deactivate the locking device.

Section 1211.5.1 Hinges: In situations where outward swinging doors are used, or where the hinge pin is located where such can be removed to gain entrance, safety hinge studs or non-removable pins shall be used.

Section 1211.5.2 View Finders: Where observation is not otherwise possible, the main entrance to each individual dwelling unit shall be provided with a peephole or view finder to be located not less than four and one-half (4-1/2) feet or more than five (5) feet above the floor.

EXCEPTION: Buildings of Use Group R-1.

Section 1211.6 Glazing: In other than Use Groups R-3 and R-4, glazing located within 36 inches of the locking mechanism shall be:

- A. Glazing of an unbreakable material.
- B. Protected on the inside with grill work, designed to prevent deactivation of the lock by reaching in.

Section 1211.7 Exterior Patio Type or Sliding Doors and Locking Hardware: All patio type or sliding doors opening onto patios or balconies which are two stories above ground level or less or which are otherwise accessible from the outside shall comply with the following requirements:

Section 1211.7.1: Patio type or sliding doors shall not be used or installed as exterior doors to the main entrance of any individual dwelling unit.

Section 1211.7.2: All single sliding patio doors shall have the movable section of the door sliding on the inside of the fixed portion of the door, except as provided in Subsection 1211.7.5 of this Section.

Section 1211.7.3: Deadbolt locks shall be provided on all single patio doors. If the lock is operable from the outside, it shall be activated by a key utilizing a cylinder or pin tumbler construction. Mounting screws for the lock case shall be inaccessible from the outside. Lock bolts shall be of hardened steel inserts and shall be capable of withstanding a force of 300 pounds applied in any direction. The lock bolt shall engage the strike sufficiently to prevent its being disengaged by any possible movement of the door within the space or clearances provided for installation and operation. The strike area shall be reinforced to maintain effectiveness of bolt strength.

Section 1211.7.4: Double sliding patio doors must be locked at the meeting rail and meet the locking requirements of Section 1211.7.3.

Section 1211.7.5: Alternate methods for securing doors with movable sections of the door sliding on the outside of the fixed portion of the door must be approved by the Building Official.

Section 1211.8 Keys: A tenant's key shall activate the locking device to no more than one individual dwelling unit.

Section 1211.9 Garages and Parking Facilities: Doors accessing parking areas or garages located in or under buildings of Use Group R shall comply with all requirements of this section.

Section 1211.9.1 Use Group R-3 and R-4: Buildings of Use Group R-3 and R-4 shall not have doors accessing garage areas from the residential areas unless such doors comply with the requirements of this Section.

Section 1211.9.1.1 Garage Doors: Any garage door in any one- or two-family dwelling, whether it be overhead, roller-type, swing, or sliding, shall be so equipped that it is capable of being locked. Specific locking devices to be employed shall be of one or more of the following types: throwbolt or flushbolt; deadbolt; cylinder-type lock; padlock and hasp; or an electronic power operated mechanism with automatic locking capabilities. When a garage door provides the only access to the exterior from the garage, the above locking device must be openable from the inside without the use of keys.

Section 1211.10 Exterior Windows: All exterior windows located less than 12 feet above grade, or any other accessible exterior level shall comply with the following requirements:

Section 1211.10.1 Window Construction: Windows shall be so constructed that they cannot be lifted

from their frames when locked and shall be equipped with a locking device capable of withstanding reasonable force when fully engaged.

Section 1211.10.2 Louvered Windows: Louvered windows with removable glass or windows which can be manually maneuvered from the exterior shall not be permitted.

Section 1211.11: The address and exterior door(s) of all dwelling units shall be capable of being adequately illuminated.

Section 1211.11.1: Buildings of Use Group R-1 and R-2 shall provide such illumination at all times. Switches shall not be permitted except by timer or light sensing devices which are designed to operate when daylight fails. All bulbs shall be protected with break resistant or vandal proof covers, and where exposed to the elements, a weatherproof cover.

Section 1212.0 entitled "Carbon Monoxide Detectors" is added and reads as follows:

1212.0 Carbon Monoxide Detectors:

1. Every dwelling unit shall be equipped with at least one approved carbon monoxide detector alarm in an operating condition within 15 feet of every room used for sleeping purposes. The carbon monoxide alarm may be combined with smoke detecting devices provided that the combined unit complies with the respective provisions of the administrative code, referenced standards, and departmental rules relating to both smoke detecting devices and carbon monoxide alarms and provided that the combined unit emits an alarm in a manner that clearly differentiates the hazard.
2. Every structure that contains more than one dwelling unit shall contain at least one approved carbon monoxide alarm in operating condition within 15 feet of every room used for sleeping purposes.
3. The carbon monoxide alarms may be either battery powered, plug-in with battery backup, or wired into the structure's AC power line with secondary battery back-up.

EXCEPTIONS: The following residential units shall not require carbon monoxide detectors:

1. A residential unit in a building that does not rely on combustion of fossil fuel for heat, ventilation, or hot water, is not connected in any way to a garage, and is not sufficiently close to any ventilated source of carbon monoxide, as determined by the Building Official, to receive carbon monoxide from that source.
2. A residential unit that is not sufficiently close to any source of carbon monoxide so as to be at risk of receiving carbon monoxide from that source, as determined by the Building Official.

Section 1301.1.1 entitled "Criteria" is modified as follows:

Section 1301.1.1 Criteria: Buildings shall be designed and constructed in accordance with the Illinois Energy Code.

Section 1704 entitled "Special Inspections," is deleted in its entirety.

Section 1805.1.1 entitled "Maximum Assumed Soil Bearing Capacity," is added and reads as follows:

Section 1805.1.1 Maximum Assumed Soil Bearing Capacity: The maximum allowable design soil bearing pressure permitted without supportive soil tests shall be 1500 pounds per square foot.

Section 1805.2.1.1 entitled "Frost Line," is added and reads as follows:

Section 1805.2.1.1 Frost Line: The minimum design frost line depth shall be 32 inches below grade.

Section 2701.1 entitled "Scope" is modified as follows:

Section 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 National Electrical Code as adopted by the City of Urbana.

Section 2702.1 entitled "Installation" is modified as follows:

Section 2702.1 Installation: Emergency and standby power systems shall be installed in accordance with the 2002 National Electrical Code, NFPA 110 and NFPA 111.

Section 3001.5 entitled "Periodic Tests," is added and reads as follows:

Section 3001.5 Periodic Tests: Periodic tests shall be required on all new and existing power elevators. Periodic tests shall be made by an approved agency at the expense and responsibility of the owner. A detailed report of the tests shall be submitted to the Building Official on approved forms not more than 30 days following the completion of the tests.

Section 3001.5.1 Periodic Test Intervals: Periodic tests shall be made at intervals not exceeding those set forth in ASME A17.1 listed in Chapter 35-Referenced Standards. Additional or more frequent tests or inspections may be required by the Building Official.

Section 3001.6 entitled "Annual Operating Permit," is added and reads as follows:

Section 3001.6.1 General: The operation of all equipment governed by the provisions of this article and hereafter installed, relocated, or altered shall be unlawful by persons other than the installer thereof until such equipment has been inspected and tested as herein required and an operating permit has been issued by the Building Official.

Section 3001.6.2 Limited Certificate of Operation: The Building Official may issue a limited certificate of operation for any equipment covered by this article, which is hereafter being installed, relocated, or altered, to permit its limited use by the person designated therein during the period of such installation, relocation, or alteration. Such certificate shall be signed by the Building Official, shall bear the dates of issue, renewal, and expiration, and shall designate the class of service allowed.

Section 3001.6.3 Tests and Minimum Safeguards Required: A limited certificate shall not be issued for an elevator until such elevator has satisfactorily passed tests for rated load, car and counterweight safety, and terminal stopping devices. Permanent or temporary guards and enclosures shall be installed on the car, around the hoistway, and at the landing entrances. Equipment other than elevators shall be tested and protectives provided as deemed necessary by the Building Official to insure safe operation for the limited service specified.

Section 3001.6.4 Special Conditions: Automatic and continuous-pressure operation elevators shall not be placed in temporary operation from the landing push-buttons unless the door locking device and interlocks required by ASME A17.1 listed in Appendix A are installed and operative. When the car can be operated only from the inside, landing entrance guards shall be provided with locks that can be released from the hoistway side only.

Section 3001.6.5 Operating Permit, Issuance: Annual operating permits shall be issued by the Building Official, for each unit of equipment, existing or new, referenced by this Section, upon receipt of the testing as required in Section 3001.5 and the prescribed fee as described in Chapter 14 (Licenses and Permits) in the Code of Ordinances of the City of Urbana.

EXCEPTION: Manlifts, industrial lifts, loading ramps, automotive lifts, and conveyors.

Section 3001.6.6 Expiration of the Operating Permit: Operating permits for all new and existing equipment shall expire at the end of each fiscal year of the City of Urbana, and may be renewed only upon submittal of the annual test reports as required in Section 2602.3 and submittal of the fees as described in Chapter 14 of the Code of Ordinances of the City of Urbana.

Section 3001.6.7 Posting Operating Permit: The owner or lessee shall post the last issued operating permit in a conspicuous place available to the Building Official.

Section 3103.3 entitled "Location," is modified to read as follows:

Section 3103.3 Location: Tents and air-supported structures shall be located with an accessible unoccupied open space around the perimeter having a minimum width of 30 feet from any and all other buildings or structures.

Chapter 32 – Encroachments into the Public Right-of-Way is substituted with the following:

Chapter 32 Encroachments into the Public Right-of-Way

Section 3201 General.

Section 3201.1 Scope: The provisions of this Chapter shall govern the encroachment of structures into the public right-of-way.

Section 3201.2 Approval: Any encroachment into the public right-of-way must be approved by the City Engineer.

Section 3303.7 entitled "Permits for Demolition," is added and reads as follows:

Section 3303.7 Permits for Demolition: No building or structure shall be demolished or removed without obtaining a demolition permit. Applications for demolition permits shall be in a form approved by the Building Official and shall include the estimated time necessary to complete the demolition. The estimated time necessary to complete the demolition may be set by the Building Official in emergency situations as prescribed in Section 115 of this Code. The estimated time for completion shall not exceed 90 days from date of application. Failure to complete the work within 90 days may be deemed a violation of the Building Code and may be subject to the penalties therein. Extensions of the time period, by an additional 30 days may be granted for cause by the Building Official upon a request for such in writing from the permit holder. Fees shall be paid as prescribed in Section 108. The Building Official may waive the permit requirements for demolition of accessory structures where no foundation exists to be removed and no grading is required.

Section 3303.8 entitled "Contractors Bond," is added and reads as follows:

Section 3303.8 Contractors Bond: All contractors or other persons proposing to do work requiring a demolition permit from the City of Urbana shall be subject to the requirements of Article I, Section 5.4 of this Ordinance.

Contractors posting surety bonds on city contracts shall not be required to post any additional contractor bond, provided that such bond provides comparable coverage for the work undertaken.

Section 3303.9 entitled "General Requirements for Demolition," is added and reads as follows:

Section 3303.9 General Requirements for Demolition: All demolition work shall be carried out in accordance with the requirements of Chapter 33 (safeguards during construction) of this Code and in accordance with the following specifications:

- A. All noncommon foundation walls and other below grade structures shall be completely demolished and removed. All materials shall be removed from basement or cellar activities and concrete floors shall be broken up and removed. All putrescible materials shall be removed.
- B. Backfilling: Masonry rubble not exceeding twelve (12) inches in the greater dimension may be used as backfill, however, such masonry rubble may not exceed 35% of the total backfill material. No other demolition materials, no wood, frozen materials, or putrescibles may be used for backfill.

- C. Finish grading: After backfilling the contractor shall finish grade the site. Finish grading shall be mounded approximately twelve (12) inches above existing grade in the center of the excavation unless the excavation abuts an existing building. Finish grading shall be designed to prevent the ponding of water.
- D. Dust control: During demolition work the contractor shall take reasonable steps to eliminate dust. Any water spraying, etc. shall be at the contractor's expense.

Section 3303.10 entitled "Abandoned Driveways," is added and reads as follows:

Section 3303.10 Abandoned Driveways: All abandoned drive accesses and curb cuts to the property must be removed and/or effectively closed to prevent illegal parking on the city right-of-way and/or the vacant lot. A right-of-way permit is required for work in the right-of-way. All abandoned drive accesses to the property must be removed and/or effectively closed to prevent illegal parking on City right-of-way and/or the vacant lot.

Case #1: Abandoned drives from streets with curb and gutters; drive must be removed and curb and gutter installed.

Case #2: Abandoned drives from streets without curb and gutters; drive must be removed; appropriate barrier installed, and grass re-established in the former drive access area.

Section 3303.11 entitled "Utilities," is added and reads as follows:

Section 3303.11 Utilities: Prior to the demolition of any structure, arrangements shall be made for the disconnection and/or retirement of all utilities. All sanitary and storm sewers shall be disconnected and plugged in accordance with the standards as determined by the Plumbing Official and the Urbana Engineering Division.

Section 3310.1 entitled "Stairways Required" is modified as follows:

Section 3310.1 Stairways Required: When a building has been constructed to a greater height than 35 feet or two stories, or when an existing building exceeding 35 feet in height is altered, at least one temporary lighted stairway shall be provided unless one or more of the permanent stairways are erected as the construction progresses.

Section 3408.2 entitled "Permits," is added and reads as follows:

Section 3408.2 Permits: No work shall be performed without first obtaining the necessary permits including building, demolition, moving, plumbing, electrical, HVAC, and right-of-way permits.

Section 3408.3 entitled "Moving Permits," is added and reads as follows:

Section 3408.3 Moving Permits: No building or accessory structure shall be moved through or over any street in the city, or from one lot to any other lot in the city without first obtaining a moving permit. The Director of Public Works may waive the moving permit and fee requirements for the moving of small accessory structures which will not interfere with traffic and which will not otherwise affect public property.

Section 3408.4 entitled "Demolition Permit and Building Permit Required," is added and reads as follows:

Section 3408.4 Demolition Permit and Building Permit Required: No moving permit shall be issued until such time as a demolition permit has been issued, per the requirements of Section 3303.7 of this Code, for buildings to be moved from a location within the jurisdiction of the City of Urbana and no moving permit shall be issued until such time as a building permit has been issued, per the requirements of this Code for a building to be relocated onto a site located within the jurisdiction of the City of Urbana.

Section 3408.5 entitled "Applications for Moving Permit," is added and reads as follows:

Section 3408.5 Application for Moving Permit: Application for a moving permit shall be made as follows:

- A. Application shall be made to the Building Official for buildings or structures to be moved from one property to another without crossing any street, alley, or public right-of-way. The moving permit may be issued as a part of the building permit for the project. The Building Official may issue a permit based upon the completed application and a determination that the proposed timing and duration of the move shall not unduly interfere with public safety and convenience. The application for the moving permit shall be made in conjunction with the application for the building permit and shall include the following:
1. An estimate of the number of days which will be required for the move. Such estimate shall not exceed the time reasonably necessary to move said building.
 2. Written permission from the property owners of any property to be crossed which are not owned by the applicant.
 3. A statement from the Building Official indicating that the building or structure has been inspected and is capable of complying with Urbana Property Maintenance Codes.
 4. A copy of an application for a demolition permit.
 5. The permit fees as required in Section 108.
- B. Application shall be made to the Director of Public Works for any building or structure to be moved on or across any street, alley, or public right-of-way. The Director of Public Works may issue a permit based upon the application and a determination that the proposed timing, duration, and route of the building move shall not unduly interfere with the public safety and convenience, and will not unreasonably expose public or private property to damage from the building movement activity. Such application shall be made on a form approved by the Director of Public Works and shall include:
1. A detailed description of the proposed work, including dimensions of the building and the street widths including bridge and tunnel dimensions.
 2. The number of days during which the building shall occupy any portion of the street, sidewalk, park, or other public place.
 3. An estimate of the weight of the building.
 4. A statement from public utilities that arrangements have been made for the temporary relocation and/or repair of such utility where interference is necessary for relocation of the building.
 5. Every person applying for a permit under this Section shall submit with the application a bond with at least two sureties thereon to be approved by the City Attorney, conditioned upon the compliance by the applicant with all the provisions of this Section, including the payment for repair of all damages to public property or public improvements which damages may arise out of the moving of such building and conditioned upon the person applying for a permit removing any debris which falls on the public right-of-way as a result of the structure being moved.
 6. A copy of the demolition permit and/or the building permit as required in Section 106.3.
 7. A copy of any permit required for moving a building or structure on or across a State of Illinois right-of-way.
 8. A statement from the Building Official indicating that the building or structure has been inspected and is capable of complying with Urbana codes.
 9. The required moving permit fees as prescribed in Chapter 14 (licenses and permits) in the Urbana Code of Ordinances.
 10. An inventory of route conflicts with trees and municipal facilities by street address.
 11. When the route crosses a bridge or tunnel, a registered Structural Engineer must provide a structural analysis of these structures at the applicant's expense.
 12. The applicant may be required to enlist the services of a professional tree trimmer that is approved by the City of Urbana.
 13. The applicant for the moving permit shall provide a list of the last known tax payers of record as reflected in the Champaign County records of all property adjacent to or within

250 feet in each direction of the property to which the structure or building is to be relocated. The measurement of all public roads, streets, alleys, and other public right-of-ways shall be excluded in determining the 250 foot requirement. Notice of said moving permit application shall be mailed first class to property owners adjacent or within 250 feet, by the Public Works Director, at least seven working days prior to the stated move date. Said notice shall provide the date the move is to occur and a date, time, and place at which the Urbana City Council shall hear the moving permit request if a meeting is scheduled or special meeting arranged.

- C. The Urbana City Council at a regular City Council meeting, Committee meeting of the whole, or Special Council meeting shall review, within ten working days of completed application submission, the moving permit request and approve or disapprove said permit by motion and simple majority vote of those present. In the event a regular City Council meeting or Committee meeting of the whole is not scheduled within ten days of the date of completed application submission, the Mayor and Council will be notified pursuant Section 2-25(b) of Urbana City Code of a special meeting. In the event a regularly scheduled Committee meeting or Council meeting does not occur within the ten day period and a quorum of the Council cannot agree to a special meeting date within three working days of the application, the permit shall be automatically issued on the tenth day.

Section 3408.5.1 entitled "Conflicts with Municipal Facilities," is added and reads as follows:

Section 3408.5.1 Conflicts with Municipal Facilities: In addition to any required fees, the applicant for a moving permit shall be responsible for the cost(s) involved in any conflict with city facilities which requires temporary relocation, such as the relocation of street signs, light poles, traffic signals, tree trimming, etc., and the applicant shall be responsible for the cost of any traffic control which is provided by the City. The cost for such shall be determined by the Public Works and Police Departments of the City of Urbana, Illinois.

Section 3409.0 entitled "Accessibility for Existing Buildings" is deleted.

Appendix A entitled "Employee Qualifications" is deleted.

Appendix B entitled "Board of Appeals" is deleted.

Appendix E entitled "Supplementary Accessibility Requirements" is deleted.

Appendix H entitled "Signs," is added and reads as follows:

Section H101 Scope: The provisions of this Article shall govern the construction, alteration, repair, and maintenance of all signs together with their appurtenant and auxiliary devices in respect to structural and fire safety.

Section H102 Zoning Ordinance: All signs shall comply with the Zoning Ordinance.

Section H103 Plans, Specifications, and Permits:

Section H104 Owner's Consent: Before any permit is granted for the erection of a sign, plans and specifications shall be filed with the Building Official showing the dimensions, materials, and required details of construction, including loads, stresses, and anchorage. The applications shall be accompanied by the written consent of the owner or lessee of the premises upon which the sign is to be erected.

Section H105 New Signs: A new sign shall not hereafter be erected, constructed, altered, or maintained except as herein provided, and until after a permit has been issued by the Building Official.

Section H106 Alterations: A sign shall not be enlarged or relocated except in conformity to the provisions of this Article for new signs, nor until a proper permit has been secured. The changing of

movable parts of an approved sign that is designed for such changes, or the repainting or reposting of display matter, shall not be deemed an alteration, provided the conditions of the original approval and the requirements of this Article are not violated.

Section H107 Unsafe and Unlawful Signs:

Section H107.1 Unlawful Signs: The location or positioning of signs listed in the following Sections shall be considered unlawful.

Section H107.1.1 Egress Obstructions: A sign shall not be erected, constructed, or maintained so as to obstruct any fire escape, means of egress, window or door opening used as an element of a means of egress or to prevent free passage from one part of a roof to another part thereof or access thereto as required by the provisions of Article 8 or for the fire fighting forces having jurisdiction.

Section H107.1.2 Obstruction to Ventilation: A sign shall not be attached in any form, shape, or manner which will interfere with any opening required for ventilation by Article 7; except that such signs may be erected in front of and may cover transom windows when not in violation of the provisions of this code.

Section H108 Unsafe and Unlawful Signs: When any sign becomes insecure, in danger of falling, or otherwise unsafe, or if any sign shall be unlawfully installed, erected, or maintained in violation of any of the provisions of this code, the owner thereof or the person or firm maintaining same shall upon written notice of the Building Official, forthwith in the case of immediate danger and in any case within not more than ten days, make such sign conform to the provisions of this article or shall remove it. If within ten days the order is not complied with, the Building Official may remove such sign at the expense of the owner or lessee thereof as provided in Section 115.

Section H109 Removal: The Building Official may order the removal of any sign that is not maintained in accordance with the provisions of this article.

Section H110 Maintenance: All signs for which a permit is required, together with all their supports, braces, guys, and anchors, shall be kept in repair in accordance with the provisions of this Appendix and Chapter 1. When not galvanized or constructed of approved corrosion-resistant noncombustible materials, signs shall be painted when necessary to prevent corrosion.

Section H111 Housekeeping: It shall be the duty and responsibility of the owner or lessee of every sign to maintain the immediate premises occupied by the sign in a clean, sanitary, and healthful condition.

Section H112 Inspection: Every sign shall be subject to the inspection and approval of the Building Official.

Section H113 General Requirements for All Signs

Section H113.1 Construction: All signs shall be designed and constructed in conformance with the provisions for materials, loads, and stresses of this Code and the requirements of this Article.

Section H113.2 Design Loads: Loads listed in Chapter 16 shall be the minimum for the design of signs.

Section H113.2.1 Wind: All signs shall be designed and constructed to withstand wind pressure as provided in Section 1609.

Section H113.2.2 Earthquake: Signs adequately designed to withstand wind pressures shall generally be considered capable of withstanding earthquake shocks, except as provided in Section 1614.5.

Section H113.3 Illumination: A sign shall not be illuminated by other than electrical means and electrical devices and wiring shall be installed in accordance with the requirements of NFPA 70 listed in

Appendix A. Any open spark or flame shall not be used for display purposes unless specifically approved by the Building Official.

Section H113.4 Ornamental Features: Wood or approved plastic as provided in Chapter 26 or other materials of combustible characteristics similar to wood when used for moldings, cappings, nailing, blocks, letters, and latticing shall comply with the provisions of this Code and shall not be used for other ornamental features of signs, unless approved.

Appendix I – Patio Covers is adopted in its entirety as part of this code.

Secs. 5-24 - 5-30. Reserved.

ARTICLE IV RESIDENTIAL CODE FOR ONE AND TWO-FAMILY DWELLINGS

Sec. 5-31. Adoption of the 2003 Edition of the International Residential Code for One- and Two-Family Dwellings. *The 2003 edition of the International Residential Code for One- and Two-Family Dwellings as promulgated and published by the International Code Council, and referenced in Section 101.2 of the 2003 International Building Code, is hereby adopted as the Residential Code of the City of Urbana, Illinois; for the control of one- and two-family detached dwellings of less than four stories in height as herein provided; and each and all of the regulations, provisions, conditions, penalties, and terms of the said 2003 International Residential Code for One- and Two-Family Dwellings are hereby referred to, adopted, and made a part hereof, with the additions, insertions, deletions, and changes prescribed in Section 5-33.*

Sec. 5-32. Effect of State Law. *The adoption of the 2003 International Residential Code for One- and Two-Family Dwellings herein pursuant to home rule powers is not intended to negate any state statute on the same subject except insofar as the Article imposes a more stringent standard or requirement than does the state statute.*

Sec. 5-33. Additions, Modifications, Deletions, and Substitutions. *The following sections and subsections of the 2003 International Residential Code for One- and Two-Family Dwellings are amended or changed as defined in Article I, Section 5 of this Ordinance.*

Section R-101.2.1 entitled "Manufactured and Mobile Homes" is added and reads as follows:

Section R-101.2.1 Manufactured and Mobile Homes are restricted by the Zoning Ordinance and Article XII of Chapter 5 of this Code to approved mobile home parks.

Section R-105 entitled, "Permits" is modified and reads as follows:

Section R-105 Permits: The permit procedures for structures covered by this Code shall be those outlined in Chapter 1 of the 2003 International Building Code, as adopted by the City of Urbana.

Section R-113.2.1 entitled, "Service of Notices," is added and reads as follows:

Section R-113.2.1 Service of Notices: Whenever this Code requires the Building Official to serve notice to the owner of a building or structure, the notice shall be deemed to be properly served upon such owner if (1) a copy thereof is delivered to the owner personally or (2) a copy thereof is mailed to the owner by regular, first-class U.S. mail, postage prepaid, and a copy thereof is posted in a conspicuous place on the premises where the violation exists. If the notice is served by mailing and posting, the service shall be deemed effective on the third day after mailing and posting.

Section R-113.4 entitled, "Violation Penalty" is amended to read as follows:

Section R-113.4 Violation Penalties: Any person who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter, or repair a building or structure in violation of an approved plan or directive of the Building Official, or of a permit or certificate issued under the provisions of this Code, shall be guilty of an offense and subject to a fine as set forth in Section 1-10 (k) of the Code of Ordinances of the City of Urbana. Each day that a violation continues after due notice has been served, in accordance with the terms and provisions hereof, shall be deemed a separate offense.

Table R- 301.2 (1) entitled, "Climatic and Geographic Design Criteria," is modified as follows:

Ground Snow: 20 pounds per square foot.

Wind Speed: the minimum design wind speed shall be 90 mph 3 second gust.

Seismic Zone: Seismic zone shall be zone "B".

Weathering: The weathering index shall be "Severe."

Winter Design Temperature: the winter design temperature is four degrees below zero.

Frost Line Depth: The minimum frost line shall be 32 inches below grade.

Termite: The jurisdiction is subject to moderate to heavy termite damage.

Decay: The jurisdiction is subject to slight to moderate decay damage.

Ice Shield Underlayment: Ice shield underlayment is not required.

Flood Hazard: The jurisdiction entered into National Flood Insurance Program on July 16, 1980 and the currently effective FIRM and FBFB maps are dated March 1, 1984.

Air Freezing Index: Air freezing index is 1265.

Mean Annual Temperature: The mean annual temperature is 51.9 degrees Fahrenheit.

Section R-309.1 entitled "Opening Protectives," is deleted.

Section R-313 entitled "Smoke Alarms" is modified as follows:

Section R-313 "Smoke Alarms and Carbon Monoxide Detectors"

Section R-313.3 entitled "Carbon Monoxide Detectors" is added and reads as follows:

Section R-313.3 Carbon Monoxide Detectors:

1. Every dwelling unit shall be equipped with at least one approved carbon monoxide detector alarm in an operating condition within 15 feet of every room used for sleeping purposes. The carbon monoxide alarm may be combined with smoke detecting devices provided that the combined unit complies with the respective provisions of the administrative code, referenced standards, and departmental rules relating to both smoke detecting devices and carbon monoxide alarms and provided that the combined unit emits an alarm in a manner that clearly differentiates the hazard.
2. Every structure that contains more than one dwelling unit shall contain at least one approved carbon monoxide alarm in operating condition within 15 feet of every room used for sleeping purposes.
3. The carbon monoxide alarms may be either battery powered, plug-in with battery backup, or wired into the structure's AC power line with secondary battery back-up.

EXCEPTIONS: The following residential units shall not require carbon monoxide detectors:

1. A residential unit in a building that does not rely on combustion of fossil fuel for heat, ventilation, or hot water, is not connected in any way to a garage, and is not sufficiently close to any ventilated source of carbon monoxide, as determined by the Building Official, to receive carbon monoxide from that source.
2. A residential unit that is not sufficiently close to any source of carbon monoxide so as to be at risk of receiving carbon monoxide from that source, as determined by the Building Official.

Section R-314.2.3 entitled, "Attics or Crawl Spaces" is modified to read as follows:

Section R-314.2.3 Attics or Crawl Spaces: Within an attic or crawl space where entry is made only to repair utilities, foam plastics shall not require any special thermal barrier or protection except that the floor ceiling systems shall completely isolate the attic and crawl spaces from the habitable areas. Bathroom vents, kitchen exhausts, and dryer exhausts may pass through such areas without special requirements if installed with approved metal duct work.

EXCEPTION: Foam plastics which are required by either state or federal law to be covered or protected.

Section R-314.2.3.1 entitled "Plenums and Equipment Areas," is added and reads as follows:

Section R-314.2.3.1 Plenums and Equipment Areas: Attics or crawl spaces which are used as an air plenum system, envelope system, or which are used for mechanical equipment areas (such as furnaces) shall be protected against ignition by one and one-half (1-1/2) inch thick mineral fiber insulation, one-fourth (1/4) inch thick plywood, three-eighths (3/8) inch particle board, one-fourth (1/4) inch hardboard or three-eighths (3/8) inch gypsum wallboard, corrosion-resistant steel having a base metal thickness of sixteen-thousandths (0.016) inch, or other approved material installed in such a manner that the foam plastic is not exposed. The protective covering shall be consistent with the requirements for the type of construction.

Section R-324 entitled "Visitability" is added and reads as follows:

Section R-324 Visitability: Reference Appendix M of Article 4.

EXCEPTION: Any new building for which a building permit has been issued prior to September 18, 2000.

Section R-408.3 entitled, "Access Location," is added and reads as follows:

Section R-408.3.1 Access Location: The access opening shall not align with any door in a manner which may present a safety hazard if the access cover were misplaced.

Revise Table 703.4 as follows: A moisture barrier is required under vinyl siding.

Section M-1401.1.1 entitled, "Separate Furnaces, When Required," is added and reads as follows:

Section M- 1401.1.1 Separate Furnaces, When Required: Whenever an existing forced air furnace is installed or replaced in a two-family dwelling or duplex, no recirculation of air between the dwelling units shall be permitted.

Section M-1408 entitled "Vented Floor Furnace" is deleted in its entirety.

Section M-2406.1.1 entitled, "General," is added and reads as follows:

Section M-2406.1.1 General: A vented decorative appliance, vented wall furnace, or space heater shall not be located under a stairway and shall not be installed as a central heating system. Such equipment shall not serve as the primary source of heat in a dwelling unit unless otherwise approved by the Building Official.

Section M- 2433 entitled, "Log Lighters," is modified and reads as follows:

Section M-2433 Log Lighters: Gas log lighters are prohibited.

Section P-2104.1 entitled, "Materials-Water Supply," is deleted.

Section P-2313.1 entitled, "General," is deleted:

Section P- 2601.1.1 entitled, "Scope," is added and reads as follows:

Section P- 2601.1.1 Scope: The provisions of this Code are an addition to any applicable State of Illinois Statutes regarding plumbing installations and materials.

Section P- 2903.7.1 entitled, "Size," is modified and reads as follows:

Section P- 2903.7.1 Size: The minimum plastic water service size shall be one-inch iron pipe size and tracer wire is required on non metallic pipe.

Appendix F entitled "Radon Control Methods" is deleted in its entirety.

Appendix I entitled "Private Sewage Disposal" is deleted in its entirety.

Chapter 33, Part VIII Electrical, is deleted in its entirety.

Appendix M entitled "Visitability" is added and reads as follows:

Appendix M "Visitability":

Section AM-101 Scope

The provisions of this Appendix shall control the design of visitability features in new construction of one and two family dwellings funded with financial assistance originating from or flowing through the City of Urbana and shall supersede other requirements of this code.

Section AM-102 Definitions

Public Funds means funds subject to the control or regulation of the City of Urbana, Illinois or any of its officers in their official capacity, except pension.

Financial Assistance means providing public funds intended to be used for paying for labor or materials in the construction of a new single-family or two-family structure. It also includes use of public funds to acquire the parcel of land or the donation of the parcel of land owned by the City, on which a new single-family or two-family structure is to be constructed. Such financial assistance shall not include infrastructure, sanitary or storm sewer or other public infrastructure improvements.

Section AM-103 Applicability

For the purpose of this Section "new construction" shall include the construction of a new single family or duplex dwelling on a vacant lot. It shall not include additions to or remodeling of existing buildings. Such financial assistance shall include funds only used for the purchase of land or the donation of land from the City used to construct structures governed by this Appendix. It shall also include funds used for the actual construction of the governed structures, but shall not include infrastructure installation such as sanitary or storm sewers, streets or other costs.

If public funds are utilized to upgrade a particular element(s) of a structure for hazard mitigation, such as higher wind resistance, tornado shelters or other similar features, it shall not in and of itself, require the building to meet the requirements of this Section.

Alternate methods to the specific clearance to grade and slope requirements of sections R-401.3 and R-404.1.6 respectively, may be approved by the Building Official to achieve the requirements of this Section.

Section AM-104 Visitability Features

AM-104.1 – No step entrance: There shall be at least one entrance (front, side, rear, or through the garage) which has no steps and is served by walks and/or ramps meeting the specifications of Section AM-104.2.

AM-104.2 Visitable Route: The required no step entrance shall be accessed via a visitable route that shall meet the following criteria.

AM-104.2.1 Grade: Sidewalks and ramps that are part of a visitable route shall have the maximum slope and length shown in Table Number F-104.1

Table AM-104.1 – Maximum Grade and length for visitable route elements

Element	Grade	Length
Sidewalks	1/20	N/L
Type 1 Ramp	1/8	5 feet (Max 7 feet 6 inches rise)
Type 2 Ramp	1/10	12 feet (Max 14 feet 6 inches rise)
Type 3 Ramp	1/12	30 feet (between landings)

AM-104.2.2 Width: The visitable route shall have a minimum clear width of 36 inches.

AM-104.2.3 Landings: Landings in a visitable route shall be not less than 36" by 36" clear or shall meet the requirements of Section 400. Illustration B, Figures 7 or 25 of the Illinois Accessibility Code – (April 24, 1997) whichever is greater.

AM-104.2.4 Surfaces: Surfaces shall be non-slip.

AM-104.2.5 Drainage cross slope: Cross slope shall be no greater than 1/50.

AM-104.3 Doors/Opening: All doors or openings shall have a minimum net clear width of 32".

EXCEPTION: Doors to closets with an area of 15 square feet shall be excluded from this requirement.

AM-104.4 Bathroom Walls: Each bathroom or other room containing a toilet, bathtub, shower stall, or shower seat shall have reinforcing in the walls to allow for future installation of grab bars around those fixtures.

AM-104.5 Corridors: Corridors shall be at least 36 inches in width.

AM-104.6 Environmental Controls

AM-104.6.1 Wall Electrical Outlets: Wall electrical outlets shall be mounted at least 15 inches above the finished floor.

AM-104.6.2 Light Switches, Thermostats and Other Controls: Light switches, thermostats and other control devices shall be mounted no higher than 48 inches above the finished floor.

Section AM-105 Waivers: In cases where site conditions or other restrictions warrant, waivers from this Section may be granted by the Urbana City Council after consideration and recommendation of the Building Code Board of Appeals (Board). Said waivers will be forwarded to the City Council only if the Board recommends their approval by majority vote of the members present and voting. If the Board does not reach a favorable recommendation, the waiver is denied and the Board's findings will be the final administrative decision on such a waiver. The City Council shall have the authority to grant or deny waiver requests that the Board forwards.

Section 3. New Construction. The provisions of this Appendix shall not apply to:

- (a) any building for which a building permit has been issued prior to September 18, 2000; and

- (b) any building for which a building permit has been applied for prior to September 18, 2000 if a building permit is subsequently issued on the basis of such application within six (6) months of the date of the original application; and
- (c) any building to be constructed on the following described tract, because requests for development proposals for such tract have already been issued prior to the passage of the Ordinance adopting these provisions.

TRACT VII

A part of the Southeast Quarter of Section 16, Township 19 North, Range 9 East of the Third Principal Meridian, Champaign County, Illinois, more particularly described as follows:

All of the following described tract except the North 90 feet of even width thereof:

Beginning on the East line of the Southeast Quarter of said Section 16 at a point 19.04 feet Northerly of the Southeast corner of said section; thence North 89°-57'-55" West 120.00 feet to the Southeast corner of Lot 8 of Weller's Lincolnwood – Third Section as recorded in the Office of the Recorder of Champaign County in Plat Book Y at page 147; thence North 0°-02'-05" East, the meridian being the same as used for said subdivision, 180.00 feet along the boundary of said subdivision; thence North 89°-57'-53" West 9.14 feet to the Southeast corner of Lot 7 of said subdivision; thence North 0°-02'-05" East 300.67 feet to a platted bend point; thence North 6°-23'-53" West 34.35 feet to the Southeast corner of Lot 2 of said subdivision; thence North 13°-51'-30" East 42.04 feet to the Southwest corner of Lot 1 of said subdivision; thence South 89°-35'-11" East along the South line of said Lot 1 and the Eastward extension of said lot line 126.61 feet to the East line of the Southeast Quarter of said Section 16; thence South 0°-25'-51" West 554.8 feet to the Point of Beginning, containing 1.3568 acres, more or less, all situated in the County of Champaign, State of Illinois.

Together with the following described adjacent public right-of-way which is by operation of law, automatically annexed with the adoption of this annexation ordinance pertaining to this parcel:

A portion of E. Florida Avenue Right-of-way encompassing 0.008 acres (364.39 sq. ft.), more or less.

TRACT IX

A part of the Southwest Quarter of Section 15, Township 19 North, Range 9 East of the Third Principal Meridian, Champaign County, Illinois, more particularly described as follows:

Commencing at the Southeast corner of the West Half of said Southwest Quarter; thence, N 0°-43'-10" W, along the East line of said West Half, 19.04 feet, to an old fence line as described in a document filed in Book 768 at Page 371 in the Office of the Recorder, Champaign County, Illinois, said point also being the Point of Beginning; thence, N 89°-37'-47" W, along said fence line, 581.67 feet; thence, N 0°-22'-13" E, 215.00 feet; thence, N 39°-39'-30" W, 224.96 feet; thence, N 0°-04'-19" E, 175.00 feet, to the South line of Weller's Lincolnwood Second Section; thence, S 89°-55'-41" E, along said South line, 568.33 feet, to the Southeast corner of Lot 160 of Weller's Lincolnwood Second Section; thence, N 0°-28'-31" E, along the East line of said Lot 160, 38.39 feet; thence, S 89°-31'-29" E, along the South line of Weller's Lincolnwood Second Section, 160.00 feet, to the Southeast corner of Weller's Lincolnwood Second Section, said point also being on the East line of the West Half of the Southwest Quarter of said Section 15; thence, S 0° 28'-57" E, 603.07 feet to the Point of Beginning, containing 8.554 acres, more or less, all situated in Champaign County, Illinois.

TRACT X

A part of the Southwest Quarter of Section 15, Township 19 North, Range 9 East of the Third Principal Meridian, Champaign County, Illinois, more particularly described as follows:

Commencing at the Southwest corner of said Section 15; thence, N 0°-24'-51" E, along the West line of said Southwest Quarter 19.04 feet, to an old fence line, as described in a document filed in Book 768 at Page 371 in the Office of the Recorder, Champaign County, Illinois, said point being the Point of Beginning; thence, continuing N 0°-24'-51" E, along said West line, 559.15 feet, to the South line of Weller's Lincolnwood Second Section, extended; thence, S 89°-55'-41" E, along said South line, 594.98 feet; thence, S 0°-04'-19" W, 175.00, feet; thence, S 39°-39'-30" E, 224.96 feet; thence, S 0°-22'-13" W, 215.00 feet, to an old fence line, as described in a document filed in Book 768 at Page 371 in the Office of the Recorder, Champaign County, Illinois; thence, N 89°-37'-47" W, along said fence line, 741.00 feet, to the Point of Beginning, containing 8.6711 acres, more or less, all situated in the County of Champaign, State of Illinois.

Provided, however, after any of the buildings described in this Section have been initially constructed, thereafter such buildings are no longer not subject to the provisions of this ordinance.

Secs. 5-34 - 5-40. Reserved.

ARTICLE V RESERVED

Secs. 5-41 - 5-50. Reserved.

ARTICLE VI ELECTRICAL CODE

Sec. 5-51. Adoption of the National Electrical Code. *The National Electrical Code (NFPA 70 – 2002) as copyrighted by the National Fire Protection Association is hereby adopted and incorporated herein by reference, as if fully set out in this Article, with the additions and changes prescribed hereinafter. Article 80 is specifically exempted.*

Sec. 5-52. Effect of State Law. *The adoption of the 2002 National Electrical Code (NFPA 70 – 2002) herein pursuant to home rule powers is not intended to negate any state statute on the same subject except insofar as this Article imposes a more stringent requirement or standard than does the state statute.*

Sec. 5-53. Amendments, Deletions, and Modifications. *The following additions, deletions, amendments or substitutions, as defined in Article I, Section 5 of this Ordinance, are hereby made to the National Electrical Code.*

ARTICLE 90 Administration and Enforcement:

Section 90-1. General:

- A. Title:** This Code shall be known as the Electrical Code of the City of Urbana, Illinois, hereinafter referred to as the Electrical Code or "this Code".
- B. Scope:** The design, installation, maintenance, alteration, and inspection of the electrical systems shall comply with the requirements of this Code.
- C. Intent:** This Code shall be construed liberally and justly to insure public health, safety, and welfare insofar as they are affected by the installation and maintenance of electrical systems.
- D. Safety:** This Code contains provisions necessary for safety. Compliance therewith and proper maintenance will result in an installation essentially free from hazard, but not necessarily efficient, convenient, or adequate for good service or future expansion of electrical use.
- E. Non-Instruction:** This Code is not intended as a design specification nor as an instruction manual for untrained persons.
- F. Liability:** This Code shall not be construed to affect the responsibility or liability of any party owner, operating, controlling, or installing any electrical equipment, for damage to persons or property caused by any defect therein, nor shall the City be held as assuming such liability by reason of the inspection or reinspection authorized herein or the certificate of approval issued as herein provided, or by reason of the approval or disapproval of any equipment authorized herein.
- G. Building Safety Code Board of Appeals:** All appeals and variations of the Electrical Code shall be heard by the Building Safety Code Board of Appeals as established in Section 112.1-112.5 of the International Building Code 2003 as amended.

Section 90-2 Applicability: The provisions of this Code shall apply to the installations and equipment within, on, or around public and private buildings, or other structures, including mobile homes, recreational vehicles, floating buildings, and other premises such as yards, carnival, parking, and other lots and industrial substations.

- A.** Also covered are:

1. Installation of conductors that connect to the supply of electricity.
2. Installation of other outside conductors on the premises.
3. Installation of optical fiber cable.
4. Certain low voltage installations.

B. It is the intent that this Code covers all premises wiring or wiring other than utility owned metering equipment, on the load side of the service point of buildings, structures, or any other premises not owned or leased by the utility. Also, it is the intent that this Code cover installations in buildings used by the utility company for purposes such as office buildings, warehouses, garages, machine shops, and recreational buildings which are not an integral part of a generating plant, substation, or control center.

C. This Code shall not cover:

1. Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles.
2. Installations underground in mines.
3. Installations of railways for generation, transformation, transmission, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communication purposes.
4. Installations of communication equipment under the exclusive control of communication utilities, located outdoors or in building spaces used exclusively for such installations.
5. Installations under the exclusive control of electric utilities for the purpose of communication, or metering, or for the generation, control, transformation, transmission, and distribution of electric energy located in buildings used exclusively by utilities for such purposes or located outdoors on property owned or leased by the utility or on public highways, streets, roads, etc., or outdoors by established rights on private property.

D. Matters Not Provided For: Any requirements essential for the safe operation of any appliance or electrical system not specifically provided for by this Code shall be determined by the Electrical Official.

E. Continuation of Unlawful Use: It shall be unlawful to install, extend, alter, repair, or maintain electrical systems in or adjacent to buildings except in conformity with this Code.

Section 90-3 Existing Electrical Systems:

A. Application: This Code shall apply to existing electrical systems described in this Section.

1. Electrical systems in a building occupied for occupancies or uses other than those for which it was occupied at the time this Code became applicable.
2. Electrical systems in a building moved as specified in Section 90-6.

B. Additions or Alterations: Any addition or alteration, regardless of cost, made to an electrical system shall be made in conformity with applicable regulations of this Code. Where additions or alterations subject parts of existing systems to loads exceeding those permitted herein, such parts shall be made to comply with this Code.

C. Existing Use Continued: Except as otherwise provided in this Code a provision in this Code shall not require the removal, alteration, or abandonment of, nor prevent continued use of, an existing electrical system; provided the system conforms with the codes in existence at the time of its installation.

Section 90-4 Repairs and Maintenance:

A. Maintenance: All electrical systems, both existing and new, and all parts thereof shall be maintained in a safe condition. All devices or safeguards which are required by this Code shall be maintained in good working order.

B. Owner Responsibility: The owner or the owner's designated agent shall be responsible for the maintenance of electrical systems.

Section 90-5 Demolition: No building or structure shall be demolished until the electrical service has been properly terminated by the utility company. The Electrical Official may require notification of termination, in writing from the utility company.

Section 90-6 Moved Structures: The electrical systems in a building or structure which is to be moved or relocated must comply with the minimum requirements for rewiring existing construction before such building may be occupied, (See Section 120.2 B, C, D, & E).

Section 90-7 Approval:

A. It shall be unlawful for any person to use any electrical device, apparatus, wiring material, or current limiting device of any kind that does not meet the Standards of Underwriters Laboratories or other approved testing laboratories, listed in Chapter 35 of the 2003 International Building Code, Entitled: Referenced Standards, as to safety and adequacy.

B. The Electrical Official may waive specific requirements in this Code or permit alternate methods, where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.

This Code may require new products, constructions, or materials which may not yet be available at the time the Code is adopted. In such event, the authority having jurisdiction may permit the use of the products, construction, or materials which comply with the most recent previous edition of this Code adopted by this jurisdiction.

C. Research and Investigations: The Electrical Official shall require that sufficient technical data be submitted to substantiate the proposed use of any material or assembly, and if it is determined that the evidence submitted is satisfactory proof of performance for the use intended, its use may be approved subject to the requirements of this Code. The costs of all tests, reports, and investigations required under these provisions shall be paid by the applicant.

D. Special Permission: The authority having jurisdiction for enforcing this Code may grant exception for the installation of conductors and equipment not under the exclusive control of the electric utilities and used to connect the electric utility supply system to the service-entrance conductors of the premises served, provided such installations are outside a building or terminate immediately inside a building wall.

E. Accepted Industry Practice: In the absence of provisions not specifically contained in this Code or approved rules, accepted industry practice in respect to material, equipment, or method of installation will serve as the standard for enforcement by the Electrical Official governing electrical installations.

Section 90-8 Electrical Official:

A. General: The Electrical Inspector of the Building Safety Division of the Department of Community Development Services of the City of Urbana shall be designated the Electrical Official for the purposes of this Code.

B. Relief from Personal Responsibility: The Electrical Official, officer or employee charged with the enforcement of this Code, while acting for the jurisdiction, shall not thereby be rendered liable personally, and is hereby relieved from all personal liability for any damage that may accrue to persons or property as a result of any act required or permitted in the discharge of Official duties. Any suit instituted against any officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this Code shall be defended by the legal representative of the jurisdiction until the final termination of the proceedings. The Official or any subordinate shall not be

liable for costs in any action, suit, or proceeding that may be instituted in pursuance of the provisions of this Code; and any officer of the Office of Electrical Inspection, acting in good faith and without malice, shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.

Section 90-9 Duties and Powers:

A. General: The Electrical Official shall enforce all the provisions of this Code relative to the installation, alteration, repair, maintenance, or operation of all electrical systems, devices, and equipment, except as may otherwise be specifically provided for by other requirements or as provided in the following sections.

1. The provisions of this Code may be modified or waived by special permission, by the Electrical Official where such permission is allowed by a section in this Code.

B. Application and Permits:

1. The Electrical Official shall receive applications and issue permits for the installation and alteration of electrical systems and equipment.
2. The Electrical Official shall have the authority to deny issuance of an electrical permit to an applicant who is delinquent in obtaining inspections as required in Section 90-16 or delinquent in compliance with notices and orders.

C. Notices and Orders: The Electrical Official shall issue all necessary notices or orders to remove illegal or unsafe equipment or require repairs or replacement of such equipment.

D. Inspections: The Electrical Official shall make all the required inspections, or may accept reports of inspection by approved services or individuals.

E. Rule Making Authority: The Electrical Official shall have power as may be necessary in the interest of public safety, health, and general welfare to adopt and promulgate rules and regulations to interpret and implement the provisions of this Code to secure the intent thereof and to designate requirements applicable because of local climatic or other conditions. Such rules shall not have the effect of waiving working stresses or fire protection requirements specifically provided in this Code, or of violating approved engineering practice involving public safety.

F. The Electrical Official is hereby empowered to attach to electrical cabinets and equipment, any Official notice or seal to prevent or permit use of electricity and it shall be unlawful for any other person to put or attach such seal or notice, or to break, change, destroy, tear, mutilate, cover, relocate, or otherwise deface or injure any such official notice or seal posted or duly signed by the Electrical Official.

Section 90-10 Permits:

A. The Electrical Official shall examine or cause to be examined all applications for permits and amendments thereto within a reasonable time after filing. If the application or the plans do not conform to the requirements of all pertinent laws, such application shall be rejected. If the Electrical Official is satisfied that the proposed work conforms to the requirements of this Code and all laws and ordinances applicable thereto, a permit shall be issued as soon as practical.

1. No electrical equipment or system shall be altered or installed without first obtaining an electrical permit.

EXCEPTION: A permit shall not be required for minor electrical repairs (involving no new work, alterations, or change whatever) that are necessary and incident to the maintenance only in good condition of an established plant, installation or system of wiring. However, this exception does not permit the installation of any new circuits or the extension of any circuits already installed.

B. Application for Permits: Application for an electrical permit shall be made on forms prepared and provided by the Electrical Official.

C. Persons Applying: Applications for electrical permits shall be made only by those persons qualified, as defined by this Code, to perform electrical work.

In no case shall anyone apply for a permit to do work which they are not authorized by the owner or owner's agent to perform.

D. Plans and Specifications: The application for the permit shall be accompanied by specifications and plans drawn to scale, with sufficient clarity and detail dimension to show the nature and character of the work to be performed. When quality of materials is essential for conformity to this Code, specific information shall be essential for conformity to this Code, specific information shall be given to establish such quality; and this Code shall not be cited, or the term "legal" or its equivalent to be used, as a substitute for specific information. The Electrical Official may waive the requirement for filing plans when the work involved is of a minor nature.

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

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

Section 90-11 Conditions of Permit:

A. Qualifications of Contractors: Except as indicated in Section 90-12 herein, electrical permits shall be issued only to contractors licensed by the City of Urbana to perform such work.

B. Payment of Fees: A permit shall not be issued until the fees prescribed in Chapter 14 (licenses and permits) of the Urbana Code of Ordinances are submitted.

C. Code Compliance: The permit shall be authorization to proceed with the work and shall not be construed as authority to violate, cancel, or set aside any of the provisions of this Code, except as specifically stipulated by approved modification as described in the application.

D. Permit Compliance: All work shall conform to the approved application and plans for which the permit has been issued, and any approved amendments thereto. Modifications or changes in the work shall not be made without first obtaining approval from the Electrical Official and paying any additional required fees.

E. Not Transferable: Permits are not transferable. A permit shall be valid only to the party authorized to do the work as indicated on the application and any bona fide employees, as allowed by this Code.

F. Annual Permits: The Electrical Official may issue annual permits under the following conditions:

1. Application shall be made annually in a form approved by the Electrical Official
2. No permits shall be issued until the proper fees have been paid.
3. The application for an annual permit shall include the name of the supervising electrician that is to be responsible for the work. The electrical inspector shall be notified prior to any change in the supervising electrician. The supervising electrician shall be licensed as required in this Code.

4. Work performed under the annual permit shall be limited to minor installations or alterations. Separate electrical permits shall be obtained for major changes in electrical equipment or apparatus, changes in service, relocation of major pieces of equipment or high voltage devices and/or electrical remodeling of areas or spaces including changes in lighting.
5. An annual permit shall be issued only to those businesses, companies, or corporations which use qualified people in modifications and equipment changes. Annual permits may be issued to cover malls, hospitals, factories, and other organizations which have employees for the full-time and constant maintenance and repair of electrical systems.
6. The annual permit shall specify each and every building location or premises where work is to be performed along with the name of the designated supervising electrician.
7. The designated supervising electrician shall maintain a log of all work performed during each month for which the permit was issued. This log shall list the type and location of all work performed under the annual permit. Work not listed on the log and all major electrical work shall require a separate electrical permit. The designated supervising electrician shall update and maintain the log for review by the Electrical Official.
8. Any person violating any of the provisions of this article applicable to annual electrical permit certificates shall be subject to the penalties provided and in addition thereto, the annual electrical permit certificate issued to such person shall be revoked by the Electrical Inspector in writing to the party involved, and any unexpired fee therein shall be retained by the City, provided however, that revocation by the Electrical Official shall be subject to appeal to the Building Safety Code Board of Appeals.

Section 90-12 Registration of Electrical Contractors:

- A. Permits for electrical work shall be issued only to registered electrical contractors as defined herein.

EXCEPTION: Permits may be issued to the owner/occupant of a single-family dwelling used exclusively for living purposes, including the usual accessory buildings to perform electrical work in said dwelling, provided the person is a bona fide owner of such dwelling and that the same will be occupied by the owner for at least one year, and the owner shall personally purchase all material and perform all labor in connection therewith, and provided that all workmanship, methods, and materials shall meet the requirements of this article.

- B. Contractors shall become registered by applying to the Electrical Official. Upon satisfactory compliance with this section, the Electrical Official shall issue a Certificate of Registration authorizing the applicant to engage in such business during the fiscal period for which it is issued.
 1. Applications for registration of an electrical contractor shall not be taken unless submitted with the proper fee, as prescribed in Chapter 14 (Licenses and Permits) of the Urbana Code of Ordinances.
 2. **Assurances Required:** Registration as required above shall require filing with the Electrical Official a statement that such contractor shall restore the city streets, alleys, sidewalks, parking, and all other city property to as good a condition as the same were before such contractor disturbed such for work performed by the contractor.
 3. **Applications:** Registration shall require completion of the application upon the form approved by the Electrical Official.
 4. The application shall specify the supervising electrician(s) responsible for the performance and/or supervision of any and all electrical work to be performed as authorized by a permit obtained by the applicant.
 5. In the event of any change or termination of the Supervising Electrician, the registered electrical contractor shall have five days in which to apply for revision of registration or to have another registered electrical contractor apply for a permit and to complete the unfinished work.

6. Any electrical contractor properly licensed in any other jurisdiction, where the licensing requirements of said other jurisdiction are deemed equivalent to Urbana requirements by the Electrical Official, who wishes to perform permit-required work in Urbana, shall submit an application along with proof of current license and the fee prescribed for reciprocal registration as prescribed in Chapter 14 of the Urbana Code of Ordinances. If reciprocal registration is denied, the applicant may either successfully complete the licensing requirements of a supervising electrician in Urbana or an appeal may be made within seven days of receipt of denial to the Building Safety Code Board of Appeals. The Building Safety Code Board of Appeals shall either confirm or deny registration by a majority vote.
7. Certificates of registration shall expire on the 30th day of June following issuance. Application for renewal shall be made by submitting the proper fee and by submitting any changes to the original application on or before 30 days after the date of expiration. Failure to renew registration July 31 shall require submission of a new application and double the prescribed fee. Any renewal or re-registration which has been expired, revoked, suspended, or otherwise invalid for a period longer than 90 days shall require re-examination of the supervising electrician.
8. Performance of permit-required electrical work without a valid registration as an electrical contractor in Urbana shall be deemed a violation of this Code.
9. Any false statement on the application for registration shall constitute fraud, and cause the registration to be null and void.
10. If in the opinion of the Electrical Official any electrical contractor registered under this Code shall have willfully or repeatedly violated any of the provisions of this Article, the Electrical Official shall refer written charges against such offending registered electrical contractor to the Building Safety Code Board of Appeals. Upon the receipt of such written charges, the Building Safety Code Board of Appeals shall within fourteen (14) calendar days after majority vote of those present, determine whether or not such registered electrical contractor's license shall be suspended or revoked by the City. In no event may a suspension exceed six (6) months. The Electrical Inspector shall keep a suitable record of all registrations issued and a suitable record of all suspensions or revocations by the Board.

Section 90-13 Approval of the Supervising Electrician:

- A. Before any permit to install or alter electrical work shall be issued to any person entitled to secure permits under this Section, such person shall appoint or employ a person, who may be himself/herself, or some other person, for the purpose of the electrical regulations of this Article, who shall be known as the supervising electrician.
 1. The supervising electrician shall be employed on a full-time basis with the electrical contractor, and should be available if necessary for any and all inspections if requested by the Electrical Official.
- B. The supervising electrician shall have had at least four (4) years or eight thousand (8,000) hours experience in the installation, alteration, repair, and maintenance of electrical wires, equipment, and apparatus, or an experience equivalent thereto. Applicants shall furnish the names and addresses of former employers, periods of time employed, and in what capacity. Proof of such service shall be furnished in a manner satisfactory to the Electrical Official. Every applicant provided for in this Section shall be required to pass the Standard Master Electrician Examination to be administered by the International Code Council. Said applicant shall pay any examination fees required by the International Code Council. Such fees are in addition to the registration fee required by the City of Urbana upon said applicant's successful completion of the examination process. Successful applicants shall be issued a certificate of registration without restrictions upon payment of the registration fees prescribed in Chapter 14 of the Urbana Code of Ordinances. Any person denied status as a supervising electrician by the Electrical Official may appeal the denial to the Building Safety Code Board of Appeals. The Board, following a hearing

of evidence, shall confirm or reverse the Electrical Official's decision by a majority vote of those members present.

- C. Re-examinations shall be administered by the International Code Council. Said applicant shall pay any examination fees required by the International Code Council. Applicants may re-examine at the earliest allowable time as established by the International Code Council.
- D. The Electrical Official may limit the size, scope, and type of electrical work which the supervising electrician shall be authorized to perform. Applicants seeking to obtain a restricted/limited registration as described in this section shall be required to have had at least two years or 4000 hours experience in the installation, alteration, repair, and maintenance of electrical wires, equipment and apparatus, or an experience thereto. Applicants shall furnish names and addresses of former employers, periods of time employed, and in what capacity. Proof of such service shall be furnished in a manner satisfactory to the Electrical Official. Every applicant provided for in this section shall be required to pass the Standard Journeyman Electrician Exam to be administered by the International Code Council. Said applicant shall pay any exam fees required by the International Code Council. Such fees are in addition to the registration fee required by the City of Urbana upon said applicant's successful completion of the examination process. Successful applicants shall be issued a certificate of registration with restrictions/limitations upon payment of the registration fees prescribed in Chapter 14 of the Urbana Code of Ordinances. Such restrictions/limitations shall be based upon the applicant's experience, technical education, and successful performance on the Standard Journeyman Electrician Exam. Such limitations shall be recorded on the Certificate of Registration(s) and shall authorize said supervising electrician to perform electrical work as follows:
 - 1. One- and Two-Family detached dwelling electrical work.
 - 2. Sign installations and neon lighting.
 - 3. Apartment buildings.
 - 4. Air conditioning and heating installations limited to residential use.

Appeals of limitations shall be treated the same as an appeal of denial as described in Section 90-13(B) of this Code.

Section 90-14 Registration of Electronic Fire Protection Contractors:

- A. A permit shall be required for the installation of electronic fire protection systems, low voltage or otherwise, including all fire alarm systems and electronic supervising components of fire suppression systems.
- B. Contractors who install and/or maintain electronic fire protection systems shall be registered electrical contractors as prescribed in Section 90-12 or shall be registered as Electronic Fire Protection System Contractors.
 - 1. The Electrical Official shall issue registrations as Electronic Fire Protection Systems Contractors (EFPSC) upon submittal of an application for registration along with proof of a valid State of Illinois license to perform such work. The application shall include the supervising electrician who shall, at a minimum, be approved for the installation of fire alarms.

Section 90-15 Fees:

Fees for permits, testing, licensing, and inspections shall be as prescribed in Chapter 14, (Licenses and Permits), of the Urbana Code of Ordinances.

Section 90-16 Inspections:

All work and equipment for which a permit is obtained under this Code shall be inspected and approved by the Electrical Official. Any portion of work intended to be concealed by any permanent portion of the building or by site work shall not be concealed until inspected and approved by the Official. When installation of any equipment is complete, a final inspection shall be made. Equipment regulated by this

Code shall not be connected to the power supply and placed in normal operation until it complies with all applicable requirements of this Code, and a final inspection has been completed.

- A. The Electrical Official may order the uncovering of any work which has been concealed and which may prevent reasonable inspection. The uncovering and subsequent repair work shall be performed at the owners of the buildings' expense and the Electrical Official shall not be held responsible for the failure of the permit holder to have the work inspected.
- B. **Inspection of Annual Permits**
 - 1. The Electrical Official shall make periodic inspections of sites where work is authorized by an annual permit.
 - 2. The possessor of a valid annual electrical permit shall be responsible for maintaining a log of work and for assisting the Electrical Official in determining the work performed, within reasonable limits.
- C. No wiring shall be concealed prior to inspection and approval. It shall be the responsibility of the contractor to request inspections as required, also to arrange for entrance to a building, and provide for removal of covers, devices, etc., as is necessary for inspection.
- D. **Final Inspection:** Upon completion of the electrical work and before final approval is given, the Electrical Official shall inspect the work and observe the final test to insure compliance with the requirements of this Code.
- E. **Right of Entry:** In the discharge of duties, the Electrical Official or an authorized representative shall have the authority, subject to applicable law, to enter at any reasonable hour any building, structure, or premises in the city limits of Urbana, to enforce the provisions of this Code.

Section 90-17 Workmanship:

All work shall be conducted, installed, and completed in a workmanlike and approved manner so as to secure the results intended by this Code.

Section 90-18 Electrical Power Supply:

It shall be unlawful for any individual, partnership, corporation, group, or association to supply electricity to any electrical equipment if a permit is required for its installation unless such connection has been authorized by the Electrical Official. It shall be unlawful to make connections to equipment that has been disconnected or ordered disconnected by the Electrical Official.

Section 90-19 Emergency Disconnections: Any person owning or controlling electric wires or apparatus for the transmission of light, heat, or power shall in case of emergency, upon the request of any official of the Fire Department or the Electrical Official disconnect such wires or apparatus as may be designated by such Official.

Section 90-20 Correction/Abatement of Hazards: When any electrical work is found by the Electrical Official to be dangerous to persons or property because it is defective or improperly installed, the person responsible for the electrical system shall be notified by the Electrical Official in writing, and required to make the necessary correction within the time specified in such written notice, and if the person shall fail to make these required corrections, the Electrical Official shall have the power and authority to disconnect or order the discontinuance of electrical service to the electrical equipment or to the entire structure; provided, upon receipt of such written notice from the Electrical Official, the person named as responsible therein shall have the right to submit an appeal to the Building Safety Code Board of Appeals if submitted within three (3) calendar days from receipt of such written notice, provided however, that the Electrical Official shall have the authority to require immediate corrections or to order the disconnection of any electrical device or system which, in the Electrical Official's opinion, shall constitute a fire hazard or shall otherwise be unsafe to the occupants of the building.

Section 90-21 Stop Work Orders:

- A. **Notice to Stop Work:** Upon notice from the Electrical Official that work on any building, structure, or premises is being conducted contrary to the provisions of this Code or in an unsafe or dangerous manner, such work shall be immediately stopped. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. It shall state the conditions under which electrical work may be resumed.
- B. **Unlawful Continuance:** Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be a violation of this Code.

Section 90-22 Violations:

- A. **Unlawful Acts:** It shall be unlawful for any person, firm, or corporation to erect, construct, alter, repair, remove, demolish, or operate electrical equipment regulated by this Code, or cause same to be done, in conflict with or in violation of any of the provisions of this Code.
- B. **Notice:** The Electrical Official shall serve a notice of violation or order on the person responsible for the extension, repair, removal, demolition, or operation of electrical equipment or systems in violation of the provisions of this Code, or in violation of a detail statement or a plan approved thereunder, or in violation of a permit issued under the provisions of this Code. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.
- C. **Penalties:** Any person who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter, or repair electrical equipment or systems in violation of an approved plan or directive of the Electrical Official, or of a permit issued under the provisions of this Code, shall be subject to the penalties prescribed in Section 1-10 of the Urbana Code of Ordinances.
- D. **Service:** The notice shall be deemed to be properly served upon such owner if (1) a copy thereof is delivered to the owner personally or (2) a copy thereof is mailed to the owner by regular, first-class U.S. mail, postage prepaid, and a copy thereof is posted in a conspicuous place on the premises where the violation exists. If the notice is served by mailing and posting, the service shall be deemed effective on the third day after mailing and posting.

Section 90-23 Appeals:

The appeal of any provision of this Code or any requirement or action by the Electrical Official shall be heard by the Building Safety Code Board of Appeals.

Article 120 entitled, "General Rules for Electrical Installations" is added and reads as follows:

Article 120 -- General Rules for Electrical Installations (Urbana, Illinois)

Section 120-1: The following rules shall apply to all electrical work and materials within the corporate limits of Urbana, Illinois, and shall apply specifically where other requirements in this Code conflict or are less stringent.

Section 120-2 Requirements for Rewiring Existing Residences:

- A. For the purpose of this Section, installation of a new service to increase the ampacity shall constitute a service upgrade and require no other rewiring. A service upgrade shall be subject to the requirements of Section 120-2E. Changing out the same size panel (ampacity) does not constitute a service upgrade or rewire. Application for a permit for a service upgrade and rewire shall be subject to the requirements of Sections 120-2B, 120-2C, 120-2D, and 120-2-E.
- B. The residence shall meet the requirements of the latest adopted edition of the Property Maintenance Code, except as amended in this section.
- C. **Service:** The size and usage of appliances and equipment shall be used as the basis for determining the need for additional facilities in accordance with the latest adopted edition of this Electrical Code. The minimum allowable service capacity shall be 100 Ampere, minimum 20

circuit (full size breaker spaces), three wire, 120/240 volt. Panel locations shall meet the requirements of the NEC.

EXCEPTION: New panels may be located in the original panel location when located over moveable appliances or equipment and properly labeled to require moving the equipment prior to servicing the electrical panel.

- D. The electrical system shall comply with all requirements for new construction and shall specifically comply with Article 210 of this Code, except as follows:
1. Every habitable space in a dwelling unit, and every guest room shall contain at least two separate and remote duplex receptacle outlets. Where such spaces are larger than 120 square feet, an additional remote duplex receptacle outlet shall be required for each additional 50 square feet or fraction thereof, above 120 square feet.
 2. Every public hall, interior stairway, water closet compartment, bathroom, kitchen, laundry room, and furnace room shall be adequately illuminated. At least one electrical light fixture shall be provided with a wall switch (or pull switch were approved by the Electrical Official).
 3. Exterior lighting of entrance ways for all residential buildings shall be required and shall comply with Article 10, Section 1006 of the International Building Code.
 4. Ground fault protection shall be required as prescribed in Article 210.
 5. Arc fault protection shall be required for all sleeping rooms, bedrooms or dorm rooms in all residential occupancies as prescribed in Article 210-12.
 6. Existing exposed knob and tube wiring and its associated fixtures shall be abandoned and removed and the affected circuits rewired accordingly. All outlet connections and splices shall be within an approved box.
- E. **Electrical System Hazards:** All unsafe conditions shall be disclosed to the owner by the electrical contractor and corrected prior to inspection. The following items are declared to be hazardous and it shall be unlawful to create, maintain or permit the same to exist.
1. Conductors or devices carrying electrical energy in excess of the approved rated capacity.
 2. Electrical wiring of all types, not supported in an approved manner (existing wiring will be allowed to remain on the bottom of floor joists in basements if secured at appropriate intervals to eliminate sagging.)
 3. Splices unenclosed in approved boxes other than knob and tube wiring inside walls and attics.
 4. The absences of, or use of unapproved connectors for splices and termination into boxes or cabinets.
 5. Exposed fuse blocks or cleat type lighting fixtures.
 6. Defective wiring that is damaged or with deteriorated insulation.
 7. Flexible cords, commonly known as lamp or extension cords, used as a substitute for fixed permanent wiring; where run through or behind walls, ceilings, baseboards, doorways, windows, and floors or where attached to building surfaces such as walls, ceilings, floors and baseboards.
 8. The use of the grounded circuit conductor (neutral conductor) used for grounding, except where allowed by NEC 250-60, for such listed appliances as stoves, ovens, cook-tops, and clothes dryers.
 9. Broken porcelain fixtures or cord type fixtures with frayed or deteriorated insulation.
 10. Boxes or conduits with excessive number of conductors.
 11. Knob and tube wiring in areas other than inside walls or attics that are subject to physical damage (run exposed on walls, ceilings below 7 feet 6 inches, and below floor joists in basements).
 12. Broken receptacles or switches and receptacles with inadequate tension.
 13. Missing or broken cover plates.
 14. Any unsafe conditions other than those specifically noted.

Section 120.3 Additional Load on Existing Service:

It shall be the responsibility of the contractor or other authorized person adding additional circuits or equipment to existing services to determine beforehand if the service is of sufficient size and capacity to carry such additional load according to the rules established under other Sections of this Article, and if not, it shall be unlawful to make the addition until the service has been increased to required size.

Section 120-4: All existing and new residential services shall comply with the following:

- A.** New residential service capacity shall not be less than one hundred ampere, twenty circuit (full size circuit breakers), three wire, 120/240 volt for new residences and service upgrades.

Article 210, Section 210.8(B)(3) of the 2002 NEC is amended to read as follows :

Section 210.8(B)(3): Kitchens: Exception: Receptacle outlets utilized solely for refrigeration equipment.

Article 210, Section 210.12(B) of the 2002 NEC is amended to read as follows:

Section 210.12(B): Dwelling Unit Bedrooms. All branch circuits that supply 125 volt, single phase, 15 and 20 ampere outlets installed in dwelling unit bedrooms shall be protected by an arc fault circuit interrupter listed to provide protection of the entire branch circuit.
EXCEPTION: Smoke detectors may not be installed on an arc-fault protected circuit.

Article 230, Section 230-43 of the National Electrical Code 2002 is amended to read as follows:

Section 230-43 Wiring Methods for 600 Volts, Nominal or Less: Service entrance conductors shall be installed in accordance with the applicable requirements of this Code covering the type of wiring method used and limited to the following methods: (1) rigid metal conduit; (2) intermediate metal conduit; (3) electrical metallic tubing; (4) wireways; and (5) auxiliary gutters.

EXCEPTION: Rigid non-metallic conduit shall be permitted for underground service installations and service raceways beyond the meter enclosure or current transformer enclosure, provided all portions of raceway are constructed with rigid non-metallic conduit.

Approved cable tray systems shall be permitted to support cables approved for use as service-entrance conductors. See Article 318.

Article 310, Section 310.5 of the National Electrical Code 2002 is amended to read as follows:

Section 310.5: Minimum Size of Conductors. Table 310-5 Voltage rating of conductors up to 2,000 volts shall be (minimum) 14 copper (AWG) – and 2 aluminum.

Article 320, Section 320.108 of the National Electrical Code 2002 is amended to read as follows:

Section 320.108: Type AC cable shall contain an individual equipment grounding conductor in addition to the internal bonding strip within the Armored Cable (AC cable).

Article 330, Section 330.108 of the National Electrical Code 2002 is amended to read as follows:

Section 330.108 Grounding: Type MC cable shall contain an individual grounding conductor to provide an adequate path for equipment grounding as provided by Article 250.

Article 348, Section 348.60 of the National Electrical Code 2002 is amended to read as follows:

Section 348.60: Flexible metal conduit is not approved as a grounding means.

Article 350.6, Section 350.6 of the National Electrical Code 2002 is amended to read as follows:

Section 350.6 Grounding: Liquidtite flexible metal conduit is not approved as a grounding means.

Article 386, Section 386.6 of the National Electrical Code 2002 added and reads as follows:

Section 386.6 Grounding: Metal surface raceways are not approved as a grounding means.

Secs. 5-54 - 5-60. Reserved.

ARTICLE VII PLUMBING CODE

Sec. 5-61. Adoption of the 2003 Edition of the International Plumbing Code. *The 2003 Edition of the International Plumbing Code as promulgated and published by the International Code Council, is hereby adopted as the Plumbing Code of the City of Urbana, Illinois; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions, and terms of the said Plumbing Code are hereby referred to, adopted and made a part hereof, with the additions, insertions, deletions, and changes prescribed in Section 5-63.*

Sec. 5-62. Effect of State Law. *The adoption of the 2003 Edition of the International Plumbing Code herein pursuant to home rule powers is not intended to negate any state statute on the same subject except insofar as the article imposes a more stringent requirement or standard than does the state statute. Specifically, where differences occur between the 2003 Edition of the International Plumbing Code and the 2004 State of Illinois Plumbing Code, the code rule that, in the opinion of the Plumbing/Mechanical Official, provides the greater protection to the public's safety, health, and property shall apply.*

Sec. 5-63. Additions, Modifications, Deletions, and Substitutions. *The following sections of the 2003 Edition of the International Building Code are amended or changed as defined hereinafter.*

Section P-101.1 entitled, "Title," is amended to read as follows:

Section P-101.1 Title: These regulations shall be known as the Plumbing Code of the City of Urbana. Any and all references in the Building Code or any other Ordinance of the City of Urbana which references a plumbing code shall reference this Plumbing Code, hereinafter referred to as "this Code."

Section P-103.1 entitled, "General," is amended to read as follows:

Section P-103.1 General: The term "Code Official," as used in this Code, shall refer to the Plumbing/Mechanical Official.

Section P-106.6 entitled, "Fees," is amended and reads as follows:

Section P-106.6 Fees: The application for a plumbing permit shall be submitted along with the prescribed fees as published in Chapter 14, (licenses and fees) of the Urbana Code of Ordinances.

Section P-106.7 entitled, "Separate Permits Required," is added and reads as follows:

Section P-106.7 Separate Permits Required: A permit shall authorize plumbing work to be performed at only one address. Each structure, building, parcel, or address shall require a separate permit.

Section P-106.8 entitled, "Private Sanitary Disposal Permits," is added and reads as follows:

Section P-106.8 Private Sanitary Disposal Permits: A permit for a private sanitary disposal system shall not be issued by the City until proper approval and the required permits have been obtained as required by state law and Chapter 24 of the Urbana Code of Ordinances.

Section P-106.9 entitled, "Excavation Permit," is added and reads as follows:

Section P-106.9 Excavation Permit: A permit for work within the right-of-way and/or for the connection of any storm or sanitary sewer to a public system shall not be issued until approval from the City Engineer has been documented.

Section P-106.10 entitled, "Permit Denial," is added and reads as follows:

Section P-106.10 Permit Denial: The Plumbing/Mechanical Official shall have the authority to deny issuance of a plumbing permit to any applicant who is delinquent with respect to permits and notices previously issued to applicant.

Section P-107.6 entitled, "Waste Retention and Disposal" is added and reads as follows:

Section P-107.6 Waste Retention and Disposal: The Plumbing/Mechanical Official shall have the authority, subject to applicable law, to inspect at any reasonable time, any waste separator, serving any structure, to ensure that proper waste retention and disposal operations are being maintained.

Section P-108.2.1 entitled, "Service of Notices," is added and reads as follows:

Section P-108.2.1 Service of Notices: The notice shall be deemed to be properly served upon such owner if (1) a copy thereof is delivered to the owner personally or (2) a copy thereof is mailed to the owner by regular, first-class U.S. mail, postage prepaid, and a copy thereof is posted in a conspicuous place on the premises where the violation exists. If the notice is served by mailing and posting, the service shall be deemed effective on the third day after mailing and posting.

Section P-108.4 entitled, "Penalties," is amended and reads as follows:

Section P-108.4 Penalties: Any person who violates any provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter, install, or repair plumbing equipment or systems in violation of this Code shall be subject to the penalties as prescribed in Section 1-10 of the Urbana Code of Ordinances. Each day that a violation continues shall be deemed a separate offense.

Section P-108.5 entitled, "Stop Work Orders," is amended and reads as follows:

Section P-108.5 Stop Work Orders Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties prescribed in Section 1-10 of the Urbana Code of Ordinances.

Section P-109.1.1 entitled, "Building Safety Code Board of Appeals," is added and reads as follows:

Section P-109.1.1 Building Safety Code Board of Appeals: All appeals shall be heard by the Building Safety Code Board of Appeals as prescribed in the International Building Code, 2003 as amended.

Sections P-109.2 through P-109.7 are deleted.

Section P-201.5 entitled, "Plumbing/Mechanical Official," is added and reads as follows:

Section P-201.5 Plumbing/Mechanical Official: Wherever the terms "Code Official," "Administrative Authority," or "Plumbing Official" are used in this Article or in codes and standards referenced by this Article, they shall be held to mean the Plumbing/Mechanical Official of the Building Safety Division of the City of Urbana, Illinois, Community Development Services Department.

Section P-301.8 entitled, "Residential," is added and reads as follows:

Section P-301.8 Residential: One- and Two-Family homes for which a building permit for initial construction is issued after July 1, 1994, with levels below grade which are provided with plumbing fixtures or drains must have overhead discharge and no gravity discharge to the sewer system.

Section P-301.9 entitled, "Public Systems Available," is amended and reads as follows:

Section P-301.9 Public Systems Available: A public water supply or public sewer system shall be considered available to a building when the building is located within 100 feet of the public water main or sewer.

2004 Illinois State Plumbing Code as amended

Promulgating Agency: Illinois Department of Public Health

Secs. 5-64 - 5-70. Reserved.

ARTICLE VIII MECHANICAL CODE

Sec. 5-71. Adoption of the 2003 Edition of the International Mechanical Code. *The 2003 Edition of the International Mechanical Code, as published by the International Code Council, is hereby adopted as the mechanical code of the City of Urbana, Illinois; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions, and terms of the said 2003 Edition of the International Mechanical Code are hereby referred to, adopted, and made a part hereof, as if fully set out in this Article, with the additions, insertions, deletions, and changes prescribed in Section 5-73 of this Article.*

Sec. 5-72. Effect of State Law. *The adoption of the 2003 Edition of the International Mechanical Code herein pursuant to home rule powers is not intended to negate any state statute on the same subject except insofar as this article imposes a more stringent requirement or standard than does the state statute.*

Sec. 5-73. Additions, Deletions, Modifications, and Amendments. *The following sections of the 2003 Edition of the International Mechanical Code, are amended and/or changed as defined in this Article, as follows:*

Section M-101.1 entitled, "Title," is amended to read as follows:

Section M-101.1 Title: This code (as amended) shall be known as the Mechanical Code of the City of Urbana, Illinois, hereinafter referred to as the Mechanical Code, or "this Code".

Section M-103.1 entitled "General," is amended to read as follows:

Section M-103.1 General: The term "Code Official" as used in this code, shall refer to the Plumbing/Mechanical Official.

Section M-106.3.1 entitled, "Separate Permits Required," is added and reads as follows:

Section M-106.3.1 Separate Permits Required: A permit shall authorize mechanical work to be performed at only one address. Each structure, building, parcel, or address shall require a separate permit.

Section M-106.4.7 entitled, "Permit Denial," is added and reads as follows:

Section M-106.4.7 Permit Denial: The Plumbing/Mechanical Official shall have the authority to deny issuance of a mechanical permit to any applicant who is delinquent with respect to permits and notices previously issued to applicant.

Section M-106.5.2 entitled, "Fee Schedule," is amended to read as follows:

Section M-106.5.2 Fee Schedule: The fees for all mechanical work shall be as prescribed in Chapter 14 in the Urbana Code of Ordinances.

Section M-106.5.3 entitled "Fee Refunds" is deleted in its entirety.

Section M-107.3 entitled "Approval," is deleted.

Section M-108.2.1 entitled "Service of Notices," is added and reads as follows:

Section M-108.2.1 Service of Notices: The notice shall be deemed to be properly served upon such owner if (1) a copy thereof is delivered to the owner personally or (2) a copy thereof is mailed to the

owner by regular, first-class U.S. mail, postage prepaid, and a copy thereof is posted in a conspicuous place on the premises where the violation exists. If the notice is served by mailing and posting, the service shall be deemed effective on the third day after mailing and posting.

Section M-108.4 entitled, "Violation Penalties," is amended to read as follows:

Section M-108.4 Violation Penalties: Any person who violates any provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter, or repair mechanical equipment or systems in violation of this Code shall be subject to the penalties as prescribed in Section 1-10 of the Urbana Code of Ordinances. Each day that a violation continues shall be deemed as a separate offense.

Section M-108.5 entitled, "Stop Work Orders," is amended to read as follows:

Section M-108.5 Stop Work Order: Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties prescribed in Section 1-10 of the Urbana Code of Ordinances.

Section M-109.1.1 entitled, "Building Safety Code Board of Appeals," is added and reads as follows:

Section M-109.1.1 Building Safety Code Board of Appeals: All appeals shall be heard by the Building Safety Code Board of Appeals, as referenced in the International Building Code, 2003, as amended.

Sections M-109.2 entitled, "Membership of Board," through M-109.7 entitled, "Court Review," are deleted.

Section M-201.5 entitled, "Code Official," is added and reads as follows:

Section M-201.5 Code Official: Wherever the terms "Code Official," "Authority Having Jurisdiction," or "Administrative Authority," are used, (in this Code or in referenced codes and standards), they shall be held to mean the Plumbing/Mechanical Official of the Building Safety Division of the City of Urbana, Community Development Services Department.

Section M-301.3.1 entitled, "Fuel-Burning Equipment," is added and reads as follows:

Section M-301.3.1 Fuel-Burning Equipment: All fuel-burning heating equipment, both newly installed and existing, shall be equipped with an approved supervised pilot/ignition assembly (flame safeguard).

Section M-303.9 entitled, "Sleeping Rooms," is added and reads as follows:

Section M-303.9 Sleeping Rooms: Gas-fired or liquid fuel-fired equipment and appliances shall not be made accessible from sleeping rooms, bathrooms or any habitable rooms with doors normally kept closed unless otherwise approved by the Code Official.

Section M-304.12 entitled, "Equipment on Roofs," is added and reads as follows:

Section M-304.12 Equipment on Roofs: A roof on which mechanical equipment is to be installed shall be capable of supporting the additional weight and dynamic action loads.

Section M-313 entitled, "Furnaces and Heaters," is added.

Section M-313 Furnaces and Heaters

Section M-313.1 entitled, "Heat Exchangers," is added and reads as follows:

Section M-313.1 Heat Exchangers: Forced air and gravity furnace heat exchangers shall not be repaired unless approved by the Code Official.

Section M-313.2 entitled, "Floor Furnaces," is added and reads as follows:

Section M-313.2 Floor Furnaces: The installation of floor furnaces is prohibited in all occupancies.

Section M-313.3 entitled, "Dwelling Heating," is added and reads as follows:

Section M-313.3 Dwelling Heating: Wall furnaces, through-the-wall heaters, and space heaters shall not be installed as a central heating system. Such equipment shall not serve as the primary source of heat in a dwelling unit unless otherwise approved by the Code Official.

Section M-313.4 entitled, "Direct Fired Heaters," is added and reads as follows:

Section M-313.4 Direct Fired Heaters: Direct gas-fired heaters may be installed only in occupancies of Use Group H, S, or F, unless otherwise approved by the Code Official.

Section M-403.1.1 entitled, "Negative Pressure," is added and reads as follows:

Section M-403.1.1 Negative Pressure: Ventilation and exhaust systems shall be designed and installed so that negative pressure from the ventilation system cannot adversely affect the flues, vents, chimneys, or combustion air supply for fuel-burning equipment.

Section M-403.2.3 entitled, "Return Air," is added and reads as follows:

Section M-403.2.3 Return Air: Air from any boiler/furnace room, bath/toilet room, kitchen, trash room, janitor closet, garage, storage room, or any room containing toxic, flammable, corrosive, radioactive, or pathogenic materials shall not be recirculated.

Section M- 901.4.1 entitled, "Gas Log Lighters," is added and reads as follows:

Section M-901.4.1 Gas Log Lighters: Gas log lighters are prohibited.

Section M-901.4.2 entitled, "Gas Logs," is added and reads as follows:

Section M- 901.4.2 Gas Logs: Gas logs shall be listed by a nationally recognized testing laboratory and shall be approved by the Code Official. When a gas log is installed in a fireplace, the fireplace damper shall be permanently removed.

Section M-917.4 entitled, "Commercial Equipment," is added and reads as follows:

Section M-917.4 Commercial Equipment: Commercial cooking equipment, (other than single-family dwelling), and other commercial/industrial gas-fired equipment shall be connected with approved, listed, commercial type, fuel gas hose connectors.

EXCEPTION: Large equipment which cannot easily move or vibrate may be connected with rigid pipe.

Section M-917.5 entitled, "Coupler Valves," is added and reads as follows:

Section M-917.5 Coupler Valves: Gas-fired equipment which is easily or routinely moved, or is equipped with wheels or casters shall be equipped with an approved (quick-disconnect) coupler valve.

Secs. 5-74 - 5-80. Reserved.

ARTICLE IX PROPERTY MAINTENANCE CODE

Sec. 5-81. Adoption of the 2003 International Property Maintenance Code Edition.

The International Property Maintenance Code 2003 Edition, as published by the International Code Council, is hereby adopted as the Property Maintenance Code of the City of Urbana, Illinois, for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions, and terms of the said 2003 International Property Maintenance Code are hereby referred to, adopted, and made a part hereof, with the additions, insertions, deletions, and changes prescribed in Section 5-83.

Sec. 5-82. Effect of State Law. *The adoption of the 2003 International Property Maintenance Code herein, pursuant to home rule powers, is not intended to negate any state statute on the same subject except insofar as this article imposes a more stringent requirement or standard than does the state statute. The standards referenced in this Code and listed in Chapter 8-Referenced Standards shall be considered part of the requirements of this Code to the prescribed extent of each such reference. Where differences occur between common provisions of this Code and any other code or standard referenced by this Code, the provisions which afford the greatest degree of life safety shall apply.*

Sec. 5-83. Additions, Deletions, Modifications, and Amendments. *The following sections and subsections of the ICC 2003 International Property Maintenance Code, are amended and/or revised as defined in this Article, as follows:*

Section PM-100.1 entitled "Title," is amended to read as follows:

PM-100.1 Title: This Code (as amended) shall be known as the Property Maintenance Code of the City of Urbana, Illinois hereinafter referred to as the Property Maintenance Code, or "this Code".

Section PM-101.3 entitled "Intent," is amended and reads as follows:

PM-101.3 Intent: This Code shall be construed to secure its expressed intent, which is to ensure public health, safety and welfare insofar as they are affected by the continued occupancy and maintenance of structures and premises. Existing structures and premises that do not comply with the provisions shall be altered or repaired to provide a minimum level of health and safety as required herein. Repairs, alterations, additions to and change of occupancy in existing buildings shall comply with the International Building Code or the International Residential Code.

Section PM-102.3 entitled "Applications of other Codes," is amended and reads as follows:

Section PM-102.3 Applications of Other Codes: Repairs, additions or alterations to a structure, or changes of occupancy shall be done in accordance with the procedures and provisions of the International Building Code or the International Residential Code. Nothing in this code shall be construed to cancel, modify or set aside any provisions of the City of Urbana's Zoning Ordinance.

Section PM-103.1 entitled "General," is amended to read as follows:

Section PM-103.1 General: The term "Code Official," as used in this Code, shall refer to the Housing Inspector.

Section PM-103.4 entitled "Liability," is amended to read as follows:

PM-103.4 Liability: The Code Official, officer, or employee charged with the enforcement of this Code or Property Maintenance Board of Appeals Member, while acting for the jurisdiction, shall not thereby be rendered personally liable, and is hereby relieved from all personal liability for any damage that may accrue to persons or property as a result of any act required or permitted in the discharge of official duties. Any suit instituted against any officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this Code shall be defended by the legal representative of this jurisdiction until the final termination of the proceedings. The subordinate of the Building Official shall not be liable for costs in any action, suit, or proceeding that may be instituted in pursuance of the provisions of this Code; and any Officer of the Office of Building Safety Division, acting in good faith and without malice, shall be free from liability from acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.

Section PM-103.5 Fees is hereby deleted.

Section PM-104.4.1 entitled "Access by Owner or Operator," is added to read as follows:

PM-104.4.1 Access by Owner or Operator: In order to safeguard the safety, health, and welfare of the general public, the Code Official is authorized to enter any structure or premises at any reasonable time for the purpose of making inspections and performing duties under this Code. The owner, operator, or occupant of every dwelling, multiple-dwelling, dwelling unit, rooming unit, or person in charge thereof, shall give the Code Official free access to such dwelling. If the occupant refuses to consent to the inspection, a search warrant may be obtained: (a) where there is probable cause to believe that a violation exists within the particular structure; or (b) where a determination has been made to conduct a periodic systematic inspection of certain areas of the City.

Section PM-104.6.1 entitled "Deadlines for Compliance with Code Violations," is added to read as follows:

PM-104.6.1 Deadlines for Compliance with Code Violations. Correction of all Code Violations pursuant to an inspection conducted in response to a tenant complaint or as part of the systematic inspection of rental properties shall follow the time lines established by Administrative Order or as adopted as a part of the Urbana Property Maintenance Code, as amended. Time lines for violations will be established by the Building Official or his/her designee in compliance with the Administrative Order and the Property Maintenance Code and shall consider the following factors:

- 1) Whether the violation is pursuant to a tenant complaint or as part of a systematic inspection. Correction of tenant complaints shall be completed as soon as practicable and in no case longer than within 30 days, unless a bona fide extension has been granted by the Code Official or his/her designee.
- 2) Whether the violation poses a life safety threat to tenants, in which case the violation must be corrected within one to three days, at the discretion of the Building Official or his/her designee, and occupancy of the unit may be disallowed by the Building Official or his/her designee. If the violation is not corrected within the established timeframe, occupancy of the unit will be disallowed. Said violations include, but are not limited to:
 - (a) No or dangerously malfunctioning utilities
 - (b) Insufficient heat
 - (c) Fire exits blocked or locked
 - (d) Severe overall deterioration of the property
 - (e) Serious structural problems that could endanger life
 - (f) Unsanitary conditions
- 3) Whether the violation poses a livability concern for tenants, in which case said violations shall be corrected within a time period of one to five days, at the discretion of the Building Official or his/her designee. Such violations include but are not limited to:
 - (a) Security locks on windows or doors
 - (b) Broken door frame or door or window that compromises security of the Rental Unit

- (c) Lack of hot water
 - (d) Inoperable water closet
 - (e) Inoperable smoke detectors
 - (f) Inoperable oven/range or refrigerator
 - (g) Burned out or inoperable lights in hallways, stairwells, entryways, parking areas or basements.
- 4) Whether the violations involve routine maintenance, such as leaking faucets, water closet, hot water heater, or pipes; broken window glass; windows that do not open or close properly; missing or torn screens; and missing covers for electrical outlets or switches. Such corrections shall be completed within 30 days, unless a bona fide extension has been granted by the Building Official or his/her designee.
 - 5) Multiple timelines may be assigned pursuant to any one inspection, so that those items that require correction in a shorter period of time shall be corrected while the owner is allowed additional time to correct less urgent violations.
 - 6) The Building Official, at his/her discretion, may issue a second notice of violations prior to directing the City Attorney to file a complaint against the property owner pursuant to the enforcement provisions of the Property Maintenance Code.

Section PM-105.2.2 entitled "Nonconforming Conditions," is added and reads as follows:

PM-105.2.2 Nonconforming conditions: If additional nonconforming conditions are encountered during the course of any approved alteration or repair which were not considered or known initially, the Code Official shall have the authority to require compliance with this code of such additional conditions. The determination of what is necessary to bring such conditions into compliance shall take into consideration the use of alternatives and/or equivalent approaches as provided for in this Code.

Section PM-106.1 entitled "Unlawful Acts," is amended to read as follows:

PM-106.1 Unlawful Acts: It shall be unlawful for any person, firm, or corporation to erect, construct, alter, extend, repair, remove, demolish, use or occupy any structure or equipment regulated by this Code, or maintain a vacant structure without a valid Vacant Structure Certificate or cause the same to be done, contrary to, or in conflict with, or in violation of any of the provisions of this Code, or fail to obey a lawful order of the Code Official, or to remove a placard or notice posted under the provisions of this code.

Section PM-106.4 entitled "Violation Penalties," is amended to read as follows:

PM-106.4 Violation Penalties: Any person, firm, or corporation, who shall violate any provision of this Code shall, upon conviction thereof, be subject to a fine of not less than one hundred thirty five dollars (\$135.00) nor more than five-hundred dollars (\$500.00) at the discretion of the Court. Each day that a violation continues after due notice has been served, in accordance with the terms and provisions hereof, shall be deemed a separate offense.

(ADMINISTRATIVE FINE LANGUAGE TO BE INSERTED HERE)

Section PM-107.3 entitled "Method of Service," is amended to read as follows:

Section PM-107.3 Method of Service: The notice shall be deemed to be properly served upon such owner if (1) a copy thereof is delivered to the owner personally or (2) a copy thereof is mailed to the owner by regular, first-class U.S. mail, postage prepaid, and a copy thereof is posted in a conspicuous place on the premises where the violation exists. If the notice is served by mailing and posting, the service shall be deemed effective on the third day after mailing and posting.

Section PM-108.2.1 entitled "Standards for Closure," is added to read as follows:

PM-108.2.1 Standards for Closure: Any structure required to be closed shall have all unsecured windows and doors sufficiently covered with a minimum of 1/2 inch exterior grade plywood or equivalent

material, cut to fit over the opening, and firmly attached with screws to a one inch minimum depth spaced at the maximum of 12 inches apart. The plywood or equivalent material shall be suitably coated with an appropriate neutral color blending with or harmonizing with the exterior colors of the structure as inconspicuously as possible.

Section PM-108.2.2 entitled "Registration of Vacant Structures," is added to read as follows:

PM-108.2.2 Registration of Vacant Structures: Whenever any building in the city becomes a public nuisance as defined within this Code, or is a blighting influence, or hereafter becomes vacant or unoccupied and any of the doors, windows, or other openings into such a building are boarded up or otherwise secured by any means other than conventional methods used in the design of the building, the owner thereof shall within 30 days of notification register such building as a vacant structure. Notification shall be by letter sent by first class postage prepaid to the person who last paid the general real estate taxes on the property. Such registration shall be valid for a period of six months. The required fee for registration is set forth in Chapter 14 of the Urbana Code of Ordinances. The registration of the vacant structure shall not preclude action by the City to pursue demolition of the structure under the provisions of this code.

Section PM-108.2.3 entitled "Vacant Structure Plan," is added to read as follows:

PM-108.2.3 Vacant Structure Plan: When a structure is initially registered as required under PM-108.2.2 a written vacant structure plan shall be submitted by the owner or agent with a proposed date for either repairing the structure to comply with all applicable housing, health, fire, and safety laws, rules, and regulations within the time frame of the proposed date or for demolition of the structure within the time frame of the proposed date.

This plan must be implemented and completed within six months of the date that the building is first registered under this Article. The Building Official may extend the period of compliance for an additional six months up to a period of two years from the date that the premises was originally registered. This extension shall be granted only in instances where the owner has demonstrated a good faith effort to comply with the plan that they have filed pursuant to this Article. An extension of two years for the implementation of the vacant structures plan is intended to serve as an "outside limit" for registration.

Exterior property maintenance standards will be strictly enforced for all vacant structures on the registry.

The original vacant structures plan and time frame shall remain in effect despite a change of ownership. If there is a change of ownership, then a new registration statement shall be properly made within ten days from the date of said change indicating the names and/or addresses of the new owner(s). The new registration statement shall be made in the same manner and form as herein prescribed.

Section PM-108.2.4 entitled "Inspection of Vacant Structures," is added and reads as follows:

PM-108.2.4 Inspection of Vacant Structures: Upon registration of any building pursuant to Section PM-108.2.2, or when any such vacant building comes to the attention of the Code Official, they shall cause inspections to be made of the premises to determine the condition of such building and premises and whether there exists any fire, safety, or health hazards or violations on the premises. The vacant structure shall be inspected prior to occupancy for compliance with the provisions of this Code.

Section PM-110.2 entitled "Notices and Orders," is amended to read as follows:

Section PM-110.2 Notices and Orders: The order shall specify a time in which the owner shall comply therewith and specify repairs, if any. The order shall be served on the owner of record or an agent where an agent is in charge of the building and upon the holder of any encumbrance of record. The order shall be deemed to be properly served upon such person if (1) a copy thereof is delivered to the person personally or (2) a copy thereof is mailed to the person by regular, first-class U.S. mail, postage prepaid, and a copy thereof is posted in a conspicuous place on the premises where the violation exists. If the

order is served by mailing and posting, the service shall be deemed effective on the third day after mailing and posting.

Section PM-110.3 entitled "Failure to Comply," is amended to read as follows:

PM-110.3 Failure to Comply: Whenever the owner of a property fails to comply with a demolition order within the time prescribed, the Code Official shall seek a court order requiring the owner to demolish the said structure and upon failure to do so within a specified time, authorizing the Code Official to cause the structure or part thereof to be razed and removed. The costs incurred shall be reimbursed as specified by State Statute.

Section PM-110.4 entitled "Salvage Materials," is deleted.

Section PM-111.1 entitled "Application for Appeal," is amended to read as follows:

PM-111.1 Application for Appeal: Any person affected by any notice which has been issued in connection with the enforcement of any provision of this Code, or of any rule or regulation adopted pursuant thereto, may request and shall be granted a hearing on the matter before the Property Maintenance Code Board of Appeals as herein established provided that such person shall file, with the administrative secretary of the Board, a written petition requesting such hearing and containing a statement of the grounds therefore within fourteen days after the date the notice was served. Any violation notice served pursuant to this Code shall automatically become an order if written petition for a hearing is not filed. The Board shall be obligated to call a public meeting within 45 days after a receipt of a request for a hearing.

Section PM-111.2 entitled "Membership of Board," is amended to read as follows:

PM-111.2 Membership of Board: There shall be created a Property Maintenance Code Board of Appeals, hereafter referred to as the "Board". The Board shall have the power and shall be charged with the duty to hear and decide all appeals and variation requests. The members of the Property Maintenance Code Board of Appeals that are presently serving on the effective date of this Article are hereby appointed to the Property Maintenance Code Board of Appeals at the time that this Article becomes effective, for the remainder of the term each respectively held.

Section PM-111.2.1 entitled "Alternate Members," is amended to read as follows:

PM-111.2.1 Alternate Members: The board shall consist of five members who shall be appointed by the Mayor subject to confirmation of the corporate authorities. The board members shall be qualified by education and experience in the building profession and collectively shall have the duty, responsibility, and authority to decide the matters referred to them by this Article. Two alternate members may be appointed, under the above procedure, who shall serve on the Board only in the absence of one or more of the regular members or in the case of conflict of interest of one or more of the regular members. Regular and alternate members shall serve for a term of three years. The term of each member shall be staggered and shall expire at midnight June 30th of the year that the term is to expire.

Section PM-111.2.2 entitled "Chair," is amended to read as follows:

PM-111.2.2 Chair: The Mayor shall designate one member to serve as Chair, who shall hold that office until a successor is appointed. The Board shall select one of their members as the official Secretary of the Board, who shall sign the minutes of the meeting of the Board. The Code Official, or a representative appointed by the Code Official, shall serve as the Administrative Secretary to the Board, and shall take all petitions, and shall keep all minutes, records, and files of the Board.

Section PM-111.2.3 entitled "Disqualification of Member," is deleted.

Section PM-111.2.4 entitled "Secretary," is deleted.

Section PM 111.2.5 entitled "Compensation of members," is deleted.

Section PM-111.3.1 entitled "Appeals," is added to read as follows:

PM-111.3.1 Appeals: The Board shall have the power and shall be charged with the duty to hear and decide appeals from any notice, decision, or determination made by the Code Official or their authorized agent under this Code and appeals from any notice, decision, or determination made by the Code Official involving existing residential buildings and made under those sections of the City's Building Code which specify requirements for existing residential buildings.

Section PM-111.3.1 entitled "Variations," is added and reads as follows:

PM-111.3.1 Variations: The Board shall have the power and shall be charged with the duty to hear and decide requests for specific variations in the application of any provisions of this Code and any provision for existing buildings in the Building Code in those instances involving existing residential buildings where there are practical difficulties in the way of carrying out the strict letter of the law, so that the spirit and intent of the law shall be observed, public safety be secured, and substantial justice be done. Such variation shall be for limited periods of time and the Board's decision shall be filed with the City Clerk as a matter of public record. All variations granted by the Board will be filed with the County Recorder of Deeds as a *lis pendens* so as to put all new owners on notice.

Section PM-111.4 entitled "Open Hearing," is amended and reads as follows:

PM-111.3.2 Open Hearing: Four members of the Board shall constitute a quorum. In granting a variance for an application of any provision applicable to an existing residential building, affirmative votes of three members shall be required; in modifying or overruling a notice, decision, or determination of the Building Official, affirmative votes of four members shall be required. No member of the Board shall vote upon any question in which they have an interest.

Section PM- 111.6.1 entitled "Recorded Copies," is amended and reads as follows:

PM- 111.6.1 Recorded Copies: The Administrative Secretary to the Board shall keep a record of each meeting so that the record clearly shows the decisions made by the Board.

Section PM-202 entitled "General Definitions," is modified as follows:

PM- 202 General Definitions

Deterioration: The condition or appearance of a building or part thereof, characterized by breaks, holes, rot, crumbing, cracking, peeling, rusting, or any other evidence of physical decay or neglect; or excessive use or lack of maintenance.

Dwellings

Rooming house is deleted.

One-family dwelling: A building containing one dwelling unit with not more than four unrelated persons.

Section PM-302.4 entitled "Weeds," is deleted.

Section PM-302.8 entitled "Motor Vehicles," is deleted.

Section PM-302.10 entitled "Storage Areas," is added and reads as follows:

PM-302.10 Storage Areas: All approved open salvage yards and open storage areas shall be completely

obscured from surrounding property by a solid screen not less than six feet in height. Storage of debris, junk, or construction materials, which are not associated with an approved use, permitted by the Urbana Zoning Ordinance, or approved construction at that site, shall be prohibited.

Section PM-302.11 entitled "Loading Areas," is added and reads as follows:

PM-302.11 Loading Areas: All loading areas, automobile service stations, and drive-in food establishments shall be paved with bituminous, concrete, or equivalent surfacing and shall be free from dirt and other litter and kept in good repair. When lighted for nighttime use, lights shall not be permitted to cast directly upon dwellings nearby.

Section PM-302.12 entitled "Storage of Firewood, etc.," is added and reads as follows:

PM-302.12 Storage of Firewood, etc.: Building materials, lumber, firewood boxes, cartons, or other containers, machinery, scrap metal, junk, raw material, fabricated goods and other items shall not be stored in such a manner as to become infested with rodents. Stored items must be elevated at least 12 inches off the ground. Firewood, in piles exceeding 20 cubic feet, must be located at least 10 feet from buildings used for human habitation, and may be piled no more than six feet high, from the point of elevation above grade.

Section PM-304.18.2 entitled "Openable Windows," is amended to read as follows:

PM-304.18.2 Openable Windows: Every window, other than a fixed window shall be capable of being easily opened and shall have the hardware to hold it in the open position and hardware integral to lock it in the closed position.

Section PM-304.10 entitled "Stairways, Decks, Porches, and Balconies," is amended to read as follows:

PM-304.10 Stairways, Decks, Porches, and Balconies: Every stair, porch, fire escape, balcony, and all appurtenances attached thereto shall be so constructed as to be safe to use and capable of supporting the anticipated loads and shall be maintained in sound condition and good repair. The treads and risers of every flight of stairs shall be uniform in width and height. Every stair, porch, and fire escape shall be maintained free of hazardous conditions such as snow, ice, mud, and other debris.

Section PM-304.14 entitled "Insect Screens," is amended to read as follows:

PM-304.14 Insect Screens: Every door, window, and other outside opening used or required for ventilation purposes servicing a building containing habitable rooms, food preparation areas, food service areas, or any areas where products used in food for human consumption are processed, manufactured, packaged, stored, shall be supplied with an approved tight fitting screen of not less than 16 mesh per inch and every swinging door shall have a self-closing device in good working condition.

EXCEPTION: Screen doors shall not be required for out swinging doors or other types of openings which make screening impractical, provided other approved means, such as air curtains or insect repellent fans are employed.

Section PM-304.15 entitled "Doors," is amended to read as follows:

PM-304.15 Doors: Every hinged exterior door or dwelling unit entrance door shall be made of metal or solid core wood construction, one and three-eighths inch minimum thickness and shall be equipped with an approved single-cylinder deadbolt locking hardware. Where observation is not otherwise provided, a peep sight shall be installed in the main entrance door to each dwelling unit. Patio type doors shall have locking hardware sufficient to prevent disengagement of the active panel. All door hardware shall be maintained in good condition.

Section 304.19 entitled "Parking Area Illumination," is added and reads as follows:

Section 304.19 Parking Area Illumination: Parking area lighting fixtures shall be maintained in good condition.

Section PM-305.3.1 entitled "Bathroom and Kitchen Floors," is added and reads as follows:

PM-305.3.1 Bathroom and Kitchen Floors: Every toilet, bathroom, and kitchen floor surface shall be constructed and maintained as to permit such floors to be kept in a clean and sanitary condition.

Section PM-305.3.2 entitled "Kitchen and Bathroom Walls and Counters," is added and reads as follows:

PM-305.3.2 Kitchen and Bathroom Walls and Counters: Every toilet room, bathroom, and kitchen wall and counter surface shall be constructed and maintained so as to permit such surfaces to be kept in a clean and sanitary condition. Where such surface is exposed to direct contact with water, it shall be substantially impervious to water.

Section PM-305.3.3 entitled "Basements, Cellars, Crawl Spaces," is added and reads as follows:

PM-305.3.3 Basements, Cellars, Crawl Spaces: In every building, basements, cellars, and crawl spaces shall be maintained as to prevent conditions conducive to decay or deterioration of the structure. All areas shall not be permitted to accumulate junk, rubbish, and waste to such an extent as to create a fire hazard or to endanger public health or safety.

Section PM-305.3.4 entitled "Continual Flooding Incidents," is added and reads as follows:

PM-305.3.4 Continual Flooding Incidents: Continued or repeated incidents of building flooding as determined from the official records as provided in Section PM- 104.7 of this Code will require the unit to be vacated without recourse under the provisions of Section PM- 108.1 of this Code.

Section PM-305.3.5 entitled "Supplied Fixtures and Equipment," is added and reads as follows:

PM-305.3.5 Supplied Fixtures and Equipment: The owner or occupant of a structure or part thereof shall keep the supplied equipment and fixtures therein clean and sanitary, and shall be responsible for the exercise of reasonable care in their proper use and operation. The owner shall maintain the equipment and fixtures in a good and proper operating condition.

Section PM-305.3.6 entitled "Furnished by the Occupant," is added and reads as follows:

PM-305.3.6 Furnished by the Occupant: The equipment and fixtures furnished by the occupant of a structure shall be properly installed, and shall be maintained in good working condition, kept clean and sanitary, and free of defects, leaks, or obstructions.

Section PM-307.3.1 entitled "Garbage Facilities," is amended to read as follows:

PM-307.3.1 Garbage Facilities: The owner of every dwelling shall supply one of the following: An approved mechanical food waste grinder in each dwelling unit, an approved incinerator unit in the structure for the use of the occupants in each dwelling unit, or an approved leak-proof outside garbage container. Such facilities shall be sufficient to meet the needs of the occupants.

Section PM-308.2 entitled "Owner," is amended and reads as follows:

PM-308.2 Owner: The owner of any structure shall be responsible for the continued vermin-free condition of the structure.

Section PM-308.3 entitled "Single Occupant," is amended and reads as follows:

PM-308.3 Single Occupant: The owner of a structure containing a single dwelling unit or of a single

nonresidential structure shall be responsible for extermination on the premises except when infestation is caused by failure of an occupant to prevent such infestation.

Section PM-308.4 entitled "Multiple Occupancy," is amended and reads as follows:

PM-308.4 Multiple Occupancy: The owner of a structure containing two or more dwelling units, a multiple occupancy, a rooming house, or a nonresidential structure shall be responsible for extermination in all areas of the structure and exterior property. When infestation is caused by failure of an occupant to prevent such infestation in the area occupied, the occupant shall be responsible for the cost of extermination.

Section PM-308.5 entitled "Occupant," is amended and reads as follows:

PM-308.5 Occupant: Continued or repeated incidents of rat infestation determined from the official records as provided in Section PM-104.7 of this Code shall require the installation of rat and vermin proof walls. The rat and vermin proof walls shall be installed in accordance with the Building Code listed in Chapter 8-Referenced Standards.

Section PM-404.3 entitled "Minimum Ceiling Heights," is amended to read as follows:

PM-404.3 Minimum Ceiling Heights: Habitable spaces, other than kitchens, shall have a clear ceiling height of not less than seven feet. Hallways, corridors, laundry areas, bathrooms, toilet rooms, and kitchens shall have a clear ceiling height of not less than six feet ten inches.

EXCEPTIONS:

1. Beams or girders spaced not less than four feet on center and projecting not more than four inches below the required ceiling height, provided the minimum clear height is not less than 6 feet 8 inches.
2. In attics or top half-stories, the ceiling height shall be not less than seven feet over not less than one-third of the minimum area required by this code when used for sleeping, study, or similar activity. In calculating the floor area of such rooms, only those portions of the floor area of the room having a clear ceiling height of five feet or more shall be included.
3. Basement rooms in one and two-family dwellings used exclusively for laundry, study, or recreation purposes having a ceiling height of not less than six feet eight inches with not less than six feet four inches of clear height under beams, girders, ducts, and similar obstructions.

Section PM-404.4.1 entitled "Area for Sleeping Purposes," is amended and reads as follows:

PM-404.4.1 Area for Sleeping Purposes: Every room occupied for sleeping purposes by one occupant shall contain at least 70 square feet (6.51 m²) of floor area, and every room occupied for sleeping purposes by more than one person shall contain at least 40 square feet (3.72 m²) of floor area for each occupant thereof. This section shall not be used to determine the amount of off-street parking required for a dwelling unit and it shall not affect the definition of a dwelling or the limitation of the number of non-related persons who may reside therein. The provisions of the Urbana Zoning Ordinance shall control in such matters.

Section PM-502.3 entitled "Hotels," is amended to read as follows:

PM-502.3 Hotels and Dormitories: Where private water closets, lavatories, and baths are not provided, one water closet, one lavatory and one bathtub or shower accessible from a public hallway shall be provided for each ten occupants.

Section PM-503.1 entitled "Privacy," is amended to read as follows:

PM-503.1 Privacy: Toilet rooms and bathrooms shall provide privacy and shall not be used as the only passageway to a hall or other space, or to the exterior. A toilet room or bathroom in a dwelling unit shall be accessible from any sleeping room without passing through another sleeping room. Section PM-503.1.1 entitled, "Partitions", is added and reads as follows:

PM-503.1.1 Partitions: Every nonresidential structure that requires or supplies a water closet shall provide within the toilet room partitions, enclosures, or compartments for privacy and shall comply with fixture clearance requirements of the Plumbing Code listed in Chapter 8-Referenced Standards for such installations.

Section PM-504.1.1 entitled "Showers," is added and reads as follows:

PM-504.1.1 Showers: All shower enclosures and wall surfaces subject to direct exposure to water shall be constructed of smooth and non-absorbent materials with water tight joints, and shall be maintained as to contain and be substantially impervious to water and maintained in a sanitary condition.

Section PM-505.4 entitled "Water Heating Facilities," is amended to read as follows:

PM-505.4 Water Heating Facilities: Water heating facilities shall be properly installed, maintained, and capable of providing an adequate amount of water to be drawn at every required sink, lavatory, bathtub, shower, and laundry facility at temperatures of not less than 110 degrees Fahrenheit. No fuel burning appliances or equipment shall be located in sleeping rooms, bathrooms, clothes closets, or in closets or confined spaces opening into bathrooms or bedrooms. An approved combination temperature/pressure relief valve and relief valve discharge pipe which terminates to within six inches of the floor shall be maintained on all water heaters. All gas water heaters shall have a gas shut-off valve within easy access of the water heater.

Section PM-602.2 entitled "Residential Occupancies," is amended and reads as follows:

PM-602.2 Residential Occupancies: Every dwelling shall be provided with heating facilities capable of maintaining a room temperature of 65 degrees Fahrenheit (18 degrees Celsius) at a level of three feet (914 mm) above the floor and at a distance of three feet (914 mm) from the exterior walls in all habitable rooms, bathrooms, and toilet rooms based on the outside design temperature required for the locality by the Mechanical Code listed in Chapter 8-Referenced Standards.

Every owner and operator of any building who rents, leases, or lets one or more dwelling unit, rooming unit, dormitory, or guest room on terms, either express or implied, to furnish heat to the occupants thereof shall supply sufficient heat during the period from September 15 to May 15 to maintain a room temperature of not less than 65 degrees Fahrenheit, (18 degrees Celsius) in all habitable rooms, bathrooms, and toilet rooms at all times. The temperature shall be measured at a point three feet (914 mm) above the floor and three feet (914 mm) from the exterior walls. When the outdoor temperature is below the outdoor design temperature required for the locality by the Mechanical Code listed in Chapter 8, the owner or operator shall not be required to maintain the minimum room temperatures, provided the heating system is operating at full capacity, with supply valves and dampers in a full open position.

Section PM-602.4 entitled "Occupiable Work Space," is amended to read as follows:

PM- 602.4 Occupiable Work Space: Every enclosed occupied work space shall be supplied with sufficient heat during the period from October 1 to May 15 to maintain a temperature of not less than 65 degrees Fahrenheit, (18 degrees Celsius) during all working hours. The temperature shall be measured at a point three feet, (914 mm) above the floor and three feet (914 mm) from exterior walls.

EXCEPTIONS:

1. Processing, storage, and operation areas that require cooling or special temperature conditions.
2. Areas in which persons are primarily engaged in vigorous physical activities.

Section PM-603.3.1 entitled "Enclosure," is added and reads as follows:

PM-603.3.1 Enclosure: All furnace/mechanical areas containing fuel-fired equipment shall have a fire rated ceiling or approved sprinkler protection. All fuel-fired furnace/mechanical equipment located in occupied areas shall be enclosed by a one-hour fire resistance rated wall construction.

EXCEPTION: Equipment and equipment areas exclusively servicing and located in individual dwelling unit or tenant space.

Section PM-603.5 entitled "Combustion Air," is amended to read as follows:

PM-603.5 Combustion Air: An adequate supply of air for complete combustion of the fuel and for ventilation of the space shall be provided for fuel-burning equipment.

Section PM-603.7.7 entitled "Boiler Inspection," is added and reads as follows:

PM-603.7.7 Boiler Inspection: Each boiler and pressure vessel shall be inspected in accordance with the requirements of the State of Illinois Office of the State Fire Marshal Division of Boiler and Pressure Vessel Safety. A current copy of the inspection certificate shall be posted in the boiler room.

Section PM-603.7.2 entitled "Gas Connections," is added and reads as follows:

PM-603.7.2 Gas Connections: Gas appliances and equipment shall be connected by rigid pipe. A union shall be installed between the appliance/equipment and the appliance shut-off valve. All appliance/equipment gas connections shall be equipped with a drip leg, (dirt trap) placed at the appliance/equipment point of connection.

EXCEPTION: Approved, listed, flexible connectors shall be used when the connected appliance is subject to vibration and/or is easily moved, (e.g., domestic gas cook stoves and domestic gas clothes dryers). Existing gas piping that does not pose a danger, (i.e., undersized, kinked, or exposed to damage) may remain in use until replacement of the appliance and then will be installed in accordance with the Mechanical Code listed in Chapter 8-Referenced Standards.

Section PM-603.8 entitled "Fireplaces," is added to read as follows:

PM-603.8 Fireplaces: Fireplaces and solid burning appliances shall be stable and structurally safe, and connected to an approved chimney or flue. Wood burning appliances shall be installed and maintained in accordance with the manufacturer's specifications and the Mechanical Code of the City of Urbana.

Section PM-604.2 entitled "Service," is amended to read as follows:

PM-604.2 Service: The size and usage of appliances and equipment shall be used as a basis for determining the need for additional facilities in accordance with ICC Electrical Code listed in Chapter 8-Referenced Standards. Every dwelling unit shall be served by a main service which is not less than 60 amp, three wire. Every dwelling unit shall have adequate distribution with proper grounding and bonding and sized in accordance with the ICC Electrical Code listed in Chapter 8-Referenced Standards. All occupants of the dwelling unit shall have ready access to all overcurrent devices protecting the conductor supplying that occupancy.

Section PM-605.1 entitled "Installation," is amended to read as follows:

PM-605.1 Installation: All electrical equipment, wiring, and appliances shall be properly installed and maintained in a safe and approved manner. Overcurrent devices shall be sized according to the ampacity of the distribution wire. All plug type fuses shall be type "S" non-tamperable. All switches,

receptacles, and junction boxes shall have approved cover plates, be securely mounted, and all electrical receptacles shall have adequate tension.

Section PM-605.1.1 entitled "Outlet Extensions," is added and reads as follows:

PM-605.1.1 Outlet Extensions: The use of extension cords and outlet multipliers is prohibited except for temporary extensions sized appropriately for the use, and such devices may be approved by the Code Official as safe.

Section PM-605.2 entitled "Receptacles," is amended to read as follows:

PM-605.2 Receptacles: Every habitable space or dwelling shall contain at least two separate and remote duplex receptacle outlets. Habitable spaces and dwelling units of 120 square feet in area shall have at least three separate and remote duplex outlets. A duplex outlet shall be required for each additional 50 square feet or fraction thereof. Every laundry area shall contain at least one grounded type receptacle. Every bathroom shall contain at least one wall mounted ground fault circuit interrupter, (GFCI) protected receptacle. All counter top electrical receptacles within six feet of the kitchen sink and exterior receptacles shall be GFCI protected.

Section PM-605.3 entitled "Lighting Fixtures," is amended to read as follows:

PM-605.3 Lighting Fixtures: Every outdoor entrance, interior hallway, stairway, kitchen, water closet compartment, bathroom, laundry room, mechanical room, and other spaces used for storage or containing equipment requiring servicing shall be illuminated by at least one approved electric lighting fixture.

Section PM-606.1 entitled "General," is amended to read as follows:

PM-606.1 General: Elevators, dumbwaiters, and escalators shall be maintained to safely sustain imposed loads, to operate properly, and to be free of physical and fire hazards. A current copy of the City of Urbana elevator license shall be displayed in each elevator.

Section PM-702.1.1 entitled "Types of Exits," is added and reads as follows:

PM-702.1.1 Types of Exits: Approved exits may include doorways, passageways, corridors, interior stairways, exterior stairways, escalators, smoke proof enclosures, ramps, horizontal exits, bridges, balconies, fire escapes, and combinations thereof constructed and arranged as provided in this code and applicable sections of the Building Code as listed in Chapter 8-Referenced Standards.

Section PM-702.3 entitled "Locked Doors," is amended to read as follows:

PM-702.3 Locked Doors: All doors in the required means of egress shall be readily openable from the inner side without the use of keys, except as provided in the Building Code listed in Chapter 8-Referenced Standards. Exits from dwelling units, rooming units, guest rooms, and dormitory units shall not lead through other such units or through toilet rooms or bathrooms which have lockable doors.

Section PM-702.3.1 entitled "Arrangements of Exits," is added and reads as follows:

PM-702.3.1 Arrangements of Exits: Where more than one exit is required, such exits shall be remote from each other and so arranged and constructed as to minimize any possibility that more than one exit may be blocked by any fire or emergency condition.

Section PM-702.4.1 entitled "Travel Distance," is added and reads as follows:

PM-702.4.1 Travel Distance: The maximum length of exit access travel shall be as specified in Section 1015 of the Building Code. The Code Official may require a reduction of these travel distances, not to

exceed 25 percent, where fire resistance ratings of exit access and exit way elements do not meet the requirements of the Building Code.

Section PM-702.5 entitled "Exit Signs," is amended to read as follows:

PM-702.5 Exit Signs: All means of egress shall be indicated with approved exit signs where required for the Building Code listed in Chapter 8-Referenced Standards. All exit signs shall be maintained visible and all illuminated exit signs shall be illuminated at all times that the building is occupied. Existing exit signs may continue to be used pending the approval of the Code Official.

Section PM-702.5.1 entitled "Egress Illumination," is added and reads as follows:

PM-702.5.1 Egress Illumination: All means of egress shall be equipped with artificial lighting in accordance with the requirements for new buildings in the Building Code listed in Chapter 8-Referenced Standards. Emergency lighting shall be provided in accordance with Table PM-702.5.1 and when required, shall be installed and maintained in an approved manner.

TABLE PM-702.5.1

EMERGENCY LIGHTING

<u>Use Group</u>	<u>Where Required</u>
R (Hotels, Dormitories)	Where more than 25 rooms, unless all rooms have direct exits to the outside at grade level.
Apartments	Where greater than three stories or more than 12 units.
Rooming/Lodging	All
One- and Two-Family	Not required.
A (Assembly)	All except those used for religious worship exclusively, with a capacity less than 300.
E (Education)	All
M (Mercantile)	All except those with 3,000 square feet or less on a single floor level.
B (Business)	When two or more stories above the level of exit discharge, or when more than 100 occupants on any level above or below the level of exit discharge, or when more than 1,000 occupants.
H (High Hazard)	All
I (Institutional)	All
S (Storage)/F (Factory/Industrial)	All except when not normally occupied; or when occupied only during daylight hours with adequate natural illumination of all portions of the means of egress.

Section PM-702.6 entitled "Number of Exits," is amended and reads as follows:

PM-702.6 Number of Exits: Every habitable or occupiable floor level shall have access to not less than two (2) remote and independent exits;

EXCEPTIONS:

1. Floor levels complying with the requirements of the Building Code listed in Chapter 8.
2. Any dwelling unit with an exit directly to the street or yard at ground level, or by the way of an outside stair or enclosed stairway serving that unit exclusively, and not communicating with any floor level below the level of exit discharge, may have a single exit.
3. The stairway is completely enclosed by barriers having a fire resistance rating of at least one hour with self-closing one-hour fire protection rated doors protecting all openings between the stairway enclosure and the building;
 - (a) The stairway does not serve more than one-half story below the level of exit discharge.
 - (b) All corridors serving as access to exits have at least a one hour fire resistance rating.
 - (c) There is not more than 35 feet of travel distance from the entrance door of any living unit to an exit.
 - (d) Three-quarter hour fire rated horizontal and vertical separation between living units is provided.

Section PM-702.6.1 entitled "Enclosure Rating," is added and reads as follows:

PM-702.6.1 Enclosure Rating: Enclosures connecting not more than four floor levels shall have a fire resistance rating of not less than one-half hour with approved opening protectives. Enclosures connecting more than four floor levels shall have a fire resistance rating of not less than one-hour with approved opening protectives.

Section PM-702.6.2 entitled "Protectives," is added and reads as follows:

PM-702.6.2 Protectives: Doors opening into exit corridors and door assemblies in exit enclosures required to have a fire resistance rating shall be self-closing or automatic closing by smoke detection, with a 20-minute fire resistance rating. All separation doors shall be constructed to resist the passage of smoke and shall be equipped with closing and latching hardware.

EXCEPTIONS:

1. One and three-quarter inch solid bonded wood core doors may be approved in the place of a labeled 20-minute fire resistance door.
2. Existing non-rated room doors in buildings of Use Group R-2 protected by an approved supervised automatic alarm system may remain until normal maintenance requires their replacement.
3. Non-rated assemblies opening onto a corridor may remain in buildings equipped with approved corridor or full fire suppression systems, and where the Building Code allows a corridor fire resistance rating of less than one-half hour.

Section PM-702.7 entitled "Dead End Travel Distance", is added to read as follows:

PM-702.7 Dead End Travel Distance: All corridors which serve more than one exit shall provide direct connection to such exits. The length of a dead end corridor shall not exceed 35 feet in all uses except mercantile, business, industrial, and storage which may have a dead end or common path of travel of up to 50 feet. The dead end travel distance limitation shall be increased to 70 feet in all use groups except "H" when the building is equipped throughout with an approved automatic fire suppression system.

Section PM-702.8 entitled "Fire Escape Stairs," is added and reads as follows:

PM-702.8 Fire Escape Stairs: Fire escape stairs may be used as an element of the required means of egress, subject to the requirements and limitations of Section 3404 of the Building Code and Table PM-702.8. Fire escape stairs shall be exposed to the smallest number of door and window openings possible.

TABLE PM-702.8
FIRE ESCAPE STAIRS

	Fire Escape Stairs New	Fire Escape Stairs Previously Approved
Minimum Widths	22 inches (55.9 cm) clear between rails	18 inches (45.7 cm) clear between rails
Minimum Horizontal	22 inches (55.9 cm) clear between rails	18 inches (45.7 cm)
Dimension any Landing or Platform	Clear	clear
Maximum Riser Height	8 inches	12 inches (30.5 cm)
Minimum Tread, Exclusive of Nosing	8 inches	8 inches
Minimum Nosing or Projection Construction	No requirement	No requirement
Construction	Compliance with Section 3404.3 of the Building Code	Compliance with Section 3404.3 of the Building Code
Winders	None	Permitted subject to capacity penalty
Risers	None	No requirement
Spiral	None	Permitted subject to capacity penalty
Maximum Height Between Landing	12 feet (3.7 m)	12 feet (3.7 m)
Headroom, Minimum	6 feet, 8 inches (203 cm)	6 feet, 8 inches (203 cm)
Handrail Height	42 inches (107 cm)	42 inches (107 cm)
Access to Escape	Door or Casement Windows 24 inches by 6 feet, 6 inches (61 cm by 198 cm) or double-hung windows 30 inches by 36 inches (76 cm by 91 cm) clear opening	Windows
Level of Access Opening	Not over 12 inches (30.5 cm) above floor, steps if higher	Same
Discharge to Ground	Swing stair section permitted if approved by authority having jurisdiction	Swinging stair or ladder if approved by authority having jurisdiction
Capacity, Number of Persons	45 per unit, if access by door; 20 if access by climbing over a window sill	10; if winders or ladder from bottom balcony, 5; if both, 1

Section PM-702.8.1 entitled "Access," is added and reads as follows:

PM-702.8.1 Access: Access to a fire escape stair shall be directly to a balcony, landing, or platform. These shall be no higher than the floor or window sill level and no lower than eight inches below the floor level nor 18 inches below the window sill.

Section PM-702.9 entitled "Emergency Escape," is amended to read as follows:

PM-702.9 Emergency Escape: Every sleeping room below the fourth story of Use Group R Occupancies shall have at least one operable window or exterior door approved for emergency egress or

rescue or shall have access to not less than two approved independent exits. The units must be openable from the inside to a full clear opening without the use of separate tools, special knowledge, keys or excessive force. Where windows are provided as a means of egress or rescue, they shall have a sill height of not more than 44 inches (1118 mm) above the floor.

EXCEPTIONS:

1. The existing sleeping room windows in private dormitories are not required to meet minimum egress size requirements as long as there is an approved continuously supervised monitored corridor fire alarm system and two independent approved means of egress from each floor level. However, upon window replacement, they will be required to meet minimum emergency egress window size requirements.
2. Buildings equipped throughout with complete automatic fire suppression systems.

Section PM-702.9.1 entitled "Dimensions," is added and reads as follows:

PM-702.9.1 Dimensions: The minimum net clear opening height dimension shall be 22 inches (559 mm). The minimum net clear opening width dimensions shall be 20 inches, (508 mm). The net clear opening area shall in no case be less than four square feet, (0.4 meters squared).

Section PM-702.9.2 entitled "Escape Area," is added and reads as follows:

PM-702.9.2 Escape Area: Each egress window from sleeping rooms must have a minimum total glass area of not less than five square feet (0.5 meters squared) in the case of ground floor windows and not less than 5.7 square feet (0.53 meters squared) in all other cases.

Section PM-702.10 entitled "Shaft Enclosures," is added and reads as follows:

PM-702.10 Shaft Enclosures: All vertical shafts shall be protected in such a fashion as to provide a barrier to fire penetration.

Section PM-703.1 entitled "Fire Resistance-rated Assemblies," is amended to read as follows:

PM-703.1 Fire Resistance-rated Assemblies: All residential use groups shall have a minimum of a one-half hour fire resistance rating between dwelling units. The fire resistance ratings of floors, walls, ceilings, and other elements and components shall be maintained.

Section PM-704.1.1 entitled "Fire Alarm System," is added and reads as follows:

PM-704.1.1 Fire Alarm System: All buildings shall be equipped with a fire alarm system as required by the Building Code listed in Chapter 8-Referenced Standards.

EXCEPTION: Previously approved manual fire alarm systems shall be accepted as meeting this requirement.

Section PM-704.5 entitled "Carbon Monoxide Detectors," is added and reads as follows:

PM-704.5 Carbon Monoxide Detectors:

1. Every dwelling unit shall be equipped with at least one approved carbon monoxide detector alarm in an operating condition within 15 feet of every room used for sleeping purposes. The carbon monoxide alarm may be combined with smoke detecting devices provided that the combined unit complies with the respective provisions of the administrative code, referenced standards, and departmental rules relating to both smoke detecting devices and carbon monoxide alarms and provided that the combined unit emits an alarm in a manner that clearly differentiates the hazard.

2. Every structure that contains more than one dwelling unit shall contain at least one approved carbon monoxide alarm in operating condition within 15 feet of every room used for sleeping purposes.
3. The carbon monoxide alarms may be either battery powered, plug-in with battery backup, or wired into the structure's AC power line with secondary battery back-up.

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

1. A residential unit in a building that does not rely on combustion of fossil fuel for heat, ventilation, or hot water, is not connected in any way to a garage, and is not sufficiently close to any ventilated source of carbon monoxide, as determined by the Building Official, to receive carbon monoxide from that source.
2. A residential unit that is not sufficiently close to any source of carbon monoxide so as to be at risk of receiving carbon monoxide from that source, as determined by the Building Official.

Section PM-705.3 entitled "Fire Standpipe Systems," is amended to read as follows:

PM-705.3 Fire Standpipe Systems: All buildings having a floor used for human occupancy located more than four stories above grade shall be provided with standpipes according to the Building Code listed in Appendix A, except that an automatic water supply, hose, and cabinets are not required. The standpipe shall have a Fire Department approved connection, with hose connections at each floor level. Hose connections shall be identified and accessible. If provided with hose, it shall be in proper position, ready for operation, dry, and free of deterioration.

Section PM-705.4 entitled "Fire Extinguishers," is amended to read as follows:

PM-705.4 Fire Extinguishers: Portable fire extinguishers shall be installed and maintained in all occupancies other than one- and two-family dwellings in accordance with the International Fire Code listed in Chapter 8-Referenced Standards. All residential occupancies shall have a minimum 2A10BC extinguisher per floor level accessible to all occupants of that floor, except that multiple family dwellings may have a minimum of one 1A10BC extinguisher located in each dwelling unit.

Section PM-705.7 entitled "Commercial Kitchen Exhaust Systems," is added and reads as follows:

PM-705.7 Commercial Kitchen Exhaust Systems: Commercial kitchen exhaust hood and duct systems, other than steam tables, completely enclosed ovens, cooking appliances located within a dwelling unit, and not used for commercial purposes and auxiliary cooking equipment that does not produce grease laden vapors, shall be equipped with an approved automatic fire suppression system.

Section PM-705.8 entitled "High Hazard Use," is added and reads as follows:

PM-705.8 High Hazard Use: All buildings and portions thereof of high hazard use as defined by the Building Code listed in Chapter 8-Referenced Standards shall be equipped throughout with an approved automatic fire suppression system.

Secs. 5-81 - 5-90. Reserved.

ARTICLE X RESERVED

Secs. 5-91 - 5-200. Reserved.

ARTICLE XI FLOOD HAZARD AREAS

Sec. 5-201. Authority.

This Article is enacted pursuant to the police powers granted to this City by the Illinois Municipal Code (65 IL. Compiled Statutes 5/1-2-1, 5/11-12-12, 5/11-30-2, 5/11-30-8, and 5/11-31-2.

Sec. 5-202 Findings of Fact.

A. The flood hazard areas in the City and the extraterritorial area over which the City exercises jurisdiction are subject to periodic inundation which may result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety, and general welfare.

B. These flood losses are caused by the cumulative effect of obstructions in areas of special flood hazards which increase flood heights and velocities, and when inadequately anchored, damage uses in other areas. Uses that are inadequately floodproofed, elevated or otherwise protected from flood damage also contribute to the flood loss.

Sec. 5-203. Statement of Purpose.

It is the purpose of this Article to promote the public health, safety, and general welfare, and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

- 1. protect human life and health;*
- 2. minimize expenditure of public money for costly flood control projects;*
- 3. minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;*
- 4. protect new buildings and major improvements to buildings from flood damage;*
- 5. prevent new development from increasing flood or drainage hazards to others;*
- 6. minimize prolonged business interruptions;*
- 7. minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets, and bridges located in areas of special flood hazard;*
- 8. help maintain a stable tax base by providing for the sound use and development of areas of special flood hazard so as to minimize future flood blight areas;*
- 9. make federally subsidized flood insurance available for property in the City;*
- 10. ensure that those who occupy the areas of special flood hazard assume responsibility for their actions; and*
- 11. preserve the natural characteristics and functions of watercourses and floodplains in order to moderate flood and storm water impacts, improve water quality, reduce soil erosion, protect aquatic and riparian habitat, provide recreational opportunities, provide aesthetic benefits and enhance community and economic development.*

Sec. 5-204. Methods of Reducing Flood Losses.

In order to accomplish its purpose, this Article includes methods and provisions for:

1. *restricting or prohibiting uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities;*
2. *requiring that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;*
3. *controlling the alteration of natural floodplains, stream channels, and natural protective barriers, which help accommodate or channel floodwaters;*
4. *controlling filling, grading, dredging, and other development which may increase flood damage; and*
5. *preventing or regulating the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards in other areas.*

Sec. 5-205. Definitions.

Unless specifically defined below, words or phrases used in this Article shall be interpreted so as to give them the meaning they have in common usage and to give this Article its most reasonable application.

Appeal *means a request for a review of the City Engineer's or Building Official's interpretation of any provision of this article or a request for a variance.*

Base flood *means the flood having a 1% chance of being equaled or exceeded in any given year. The base flood is also known as the 100-year flood. The base flood elevation (BFE) at any location is as defined in section 5-207 and section 5-214 of this article.*

Base Flood Elevation (BFE) *means the elevation in relation to mean sea level of the crest of the base flood.*

Building *means a structure that is principally above ground and is enclosed by walls and a roof. The term includes a gas or liquid storage tank, a manufactured home, or a prefabricated building. The term also includes recreational vehicles and travel trailers to be installed on a site for more than 180 days.*

City Engineer or Building Official *means the City Engineer or Building Official of the City as it pertains; whichever official by training, experience, or ordinance is best assigned to review and approve a particular type of development or a particular development issue which may arise in the administration of this flood damage prevention article.*

Critical Facility *means any public or private facility which, if flooded, would create an added dimension to the disaster or would increase the hazard to life and health. Examples are public buildings, emergency operations and communication centers, health care facilities and nursing homes, schools, and toxic waste treatment, handling or storage facilities.*

Development *means any human-made change to improved or unimproved real estate, including, but not limited to:*

1. *construction, reconstruction, or placement of a building or an addition to a building valued at more than \$1,000.00;*

2. installing a manufactured home on a site or preparing a site for a manufactured home;
3. drilling, mining, installing utilities or facilities, construction of roads, bridges or similar projects.
4. construction or erection of levees, walls or fences;
5. filling, dredging, grading, excavating, paving, or other nonagricultural alterations of the ground surface;
6. storage of materials including the placement of gas or liquid storage tanks; and
7. channel modifications or any other activity that might change the direction, height, or velocity of floodwaters or surface waters.

Development does not include:

1. maintenance of existing buildings and facilities such as re-roofing or re-surfacing roads;
2. repairs made to a damaged building that do not change the building's exterior dimensions and that are valued at less than 50% of the value of the building before the damage occurred; and
3. gardening, plowing, and similar agricultural practices that do not involve filling, grading, or construction of levees.

Existing Manufactured Home Park or Manufactured Home Subdivision means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale for which the construction of facilities for servicing the lot on which the manufactured home is to be affixed (including, at a minimum, the installation of utilities, either final site grading or the pouring of concrete pads, and the construction of streets) is completed before the effective date of this Article.

Expansion to an Existing Manufactured Home Park or Manufactured Home Subdivision means the preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, either final site grading or pouring of concrete or the construction of streets).

FEMA means Federal Emergency Management Agency.

Flood or Flooding means a general and temporary condition of partial or complete inundation of normally dry land areas from the unusual and rapid accumulation or run-off of surface waters from any source.

Flood Fringe means that portion of the floodplain outside of the regulatory floodway.

Flood Insurance Rate Map (FIRM) means a map prepared by the Federal Emergency Management Agency that depicts the floodplain or special flood hazard area (SFHA) within a community. This map includes insurance rate zones and may or may not depict floodways and show base flood elevations.

Floodplain and Special Flood Hazard Area (SFHA) are synonymous. Those lands within the jurisdiction of the City of Urbana that are subject to inundation by the base flood. The floodplains of the Boneyard Creek, McCullough Creek and Saline Branch are generally identified as such on the Flood Insurance Rate Map of the City of Urbana prepared by the Federal Emergency Management

Agency and dated July 16, 1980, as amended. The floodplains of those parts of unincorporated City of Urbana that are within the extraterritorial jurisdiction of the City of Urbana or that may be annexed into the City of Urbana are generally identified as such on the Flood Insurance Rate Map prepared for Champaign County by the Federal Emergency Management Agency and dated July 16, 1980, as amended. Floodplain also includes those areas of known flooding as identified by the community.

Floodproofing means any combination of structural or nonstructural additions, changes, or adjustments to structures which reduce or eliminate flood damage to real estate, property and their contents.

Floodproofing Certificate means a form published by the Federal Emergency Management Agency that is used to certify that a building has been designed and constructed to be structurally dry floodproofed to the flood protection elevation.

Flood Protection Elevation or FPE means the elevation of the base flood plus one foot of freeboard at any given location in the floodplain.

Floodway means that portion of the floodplain required to store and convey the base flood. The floodway for the floodplains of the Boneyard Creek, McCullough Creek and Saline Branch shall be as delineated on the Flood Boundary and Floodway Map prepared by FEMA and dated July 16, 1980, as amended. The floodways for each of the remaining floodplains of the City of Urbana shall be according to the best data available from Federal, State, or other sources.

IDNR/OWR means Illinois Department of Natural Resources/Office of Water Resources.

Manufactured Home or Prefabricated Building means a structure that is transportable in one or more sections, built on a permanent chassis, and designed to be used with or without a permanent foundation when connected to the required utilities. It does not include recreational vehicles or travel trailers.

New Construction means structures for which the "start of construction" commenced on or after the effective date of this article.

New Manufactured Home Park or Manufactured Home Subdivision means a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale for which the construction of facilities for servicing the lot (including, at a minimum, the installation of utilities, either final site grading or the pouring of concrete pads and the construction of streets) is completed on or after the effective date of this article.

NFIP means National Flood Insurance Program.

Repetitive Loss means flood related damages sustained by a structure on two separate occasions during a ten year period for which the cost of repairs at the time of each such flood event on the average equals or exceeds 25% of the market value of the structure before the damage occurred.

Special Flood Hazard Area (SFHA). See definition of floodplain.

Start of Construction means the first placement of permanent construction of a structure (other than a manufactured home) on a site, such as the pouring of slabs or footings or any work beyond the stage of excavation. Permanent construction does not include land preparation, such as clearing, grading, and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for footings, piers or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings such as garages or sheds not occupied as dwelling units or not as part of the main structure. For a structure (other than a manufactured home) without a basement or poured footings, the "start of construction" includes the first permanent framing or assembly of a structure or any part thereof on its piling or foundation. For manufactured homes not within a manufactured home park or manufactured home subdivision, "start of construction" means the affixing of the manufactured home to its permanent site. For manufactured homes within manufactured home parks or manufactured home subdivisions, "start of construction" is the date on which the construction of facilities for servicing the site on which the manufactured home is to be affixed (including, at a minimum, the construction of streets, either final site grading or the pouring of concrete pads, and installation of utilities) is completed.

Structure means a walled and roofed building, a manufactured home, or a gas or liquid storage tank, that is principally above ground.

Substantial Damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damage condition would equal or exceed 50% of the market value of the structure before the damage occurred regardless of actual repair work performed. Volunteer labor and materials must be included in this determination.

Substantial Improvement means any repair, reconstruction, addition, or improvement of a structure, the cost of which equals or exceeds 50% of the market value of the structure either:

1. before the improvement or repair is started; or
2. if the structure has been damaged and is being restored to its market value before the damage occurred.

If the applicant is unable to produce reasonable evidence of the market value prior to the occurrence of flood damage, the City Engineer or Building Official shall establish the market value by multiplying the assessed valuation by three.

For purposes of this definition "substantial improvement" is considered to occur when the first alteration of any wall, ceiling, floor, or other structural part of the building commences, whether or not that alteration affects the external dimensions of the structure.

The term does not, however, include either:

1. any project for improvement of a structure to comply with existing state or local health, sanitary, or safety code specifications which are solely necessary to assure safe living conditions; or
2. any alteration of a structure listed on the National Register of Historic Places or a state inventory of historic places.

Travel Trailer (or Recreational Vehicle) means a vehicle which is:

1. built on a single chassis;

2. 400 square feet or less in size;
3. designed to be self-propelled or permanently towable by a light duty truck; and
4. designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

Variances means a grant of relief from the requirements of this Article which permits construction in a manner that would otherwise be prohibited by this Article.

Sec. 5-206. Lands to Which this Article Applies.

This Article shall apply to special flood hazard areas within the jurisdiction of the City, those parts of unincorporated City of Urbana that are within the extraterritorial jurisdiction of the City of Urbana, or that may be annexed into the City of Urbana.

Sec. 5-207. Basis for Establishing Special Flood Hazard Areas.

The Special Flood Hazard Areas identified by the Federal Insurance Administration in an engineering report entitled "The Flood Insurance Study for the City of Urbana," dated July 16, 1980, as amended, with accompanying flood insurance rate maps and flood boundary-floodway maps and flood hazard boundary maps of the County of Champaign dated March 1, 1984, are hereby adopted by reference and declared to be a part of this Article. The Flood Insurance Study is on file at the Department of Community Development Services, City of Urbana.

Sec. 5-208. Abrogation and Greater Restrictions.

This Article repeals and replaces other ordinances adopted by the City of Urbana to fulfill the requirements of the National Flood Insurance Program. However, this Article does not repeal the original resolution or ordinance adopted to achieve eligibility in the program. Nor does this Article repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. Where this Article and other ordinance easements, covenants, or deed restrictions conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

Sec. 5-209. Interpretation.

In the interpretation and application of this Article, all provisions shall be:

1. considered as minimum requirements;
2. liberally construed in favor of the governing body; and
3. deemed neither to limit nor repeal any other powers granted under state statutes.

Sec. 5-210. Warning and Disclaimer of Liability.

The degree of flood protection required by this Article is considered reasonable for regulatory purposes and is based on available information derived from engineering and scientific methods of study. Larger floods can and will occur.

Flood heights may be increased by man-made or natural causes. This Article does not imply that land outside the special flood hazard areas or uses permitted within such areas will be free from flooding or flood damages. This Article shall not create liability on the part of the City, any officer

or employee thereof for any flood damages that result from reliance on this Article or any administrative decision lawfully made thereunder.

Sec. 5-211. Development Permit - Required; Application.

No person, firm, corporation, or governmental body not exempted by law shall commence any development in the SFHA without first obtaining a development permit from the City Engineer or Building Official. The City Engineer or Building Official shall issue a Development Permit if the proposed development meets the requirements of this Article.

A Development Permit shall be obtained before construction or development begins within any special flood hazard area established in Section 5-207. Application for a Development Permit shall be made on forms furnished by the City Engineer or Building Official. The application shall include, but not be limited to, plans in triplicate, prepared under the supervision of and sealed by a licensed engineer or land surveyor, drawn to scale, showing property line dimensions of the site and in those parts of the site that are below the base flood elevation, drawings or other information which will show the following:

- 1. existing and/or proposed grade elevations, in relation to mean sea level;*
- 2. the location and dimensions, where applicable, of all existing and/or proposed development, structures, fill, storage of materials, drainage facilities, etc.;*
- 3. elevation in relation to mean sea level, of the lowest floor, including basement, of all structures;*
- 4. elevation in relation to mean sea level to which any structure and/or development has been or will be floodproofed;*
- 5. existing and/or proposed direction of flow of surface drainage and flood flows;*
- 6. existing and/or proposed location of all watercourses and drainage facilities;*
- 7. description of the extent to which any watercourses will be altered or relocated as a result of proposed development;*
- 8. certification by a registered professional engineer that the floodproofing methods for any nonresidential structure meet the floodproofing criteria in Subsection 5-219; and*
- 9. such other information as the City Engineer or Building Official deems necessary to ensure that the development is consistent with the purposes set forth in this article.*
- 10. cost of project or improvements as estimated by a licensed engineer or architect. A signed estimate by a contractor may also meet this requirement.*

Sec 5-212. Development Permit Review.

Upon receipt of the application for Development Permit, the City Engineer or Building Official shall:

- A. Review all Development Permit applications to determine that the permit requirements of Section 5-211 have been satisfied;*
- B. Inform the applicant of any other local, state, and federal permits that may be required for this type of development activity of which the City has been informed and acknowledged in writing by other local, state, and federal agencies. The City's Development Permit will only be issued on the condition that the above specified permits are obtained. The City Engineer or Building Official shall not issue a use permit unless all required permits of which the City has been informed and acknowledged have been obtained;*

- C. *Review all Development Permits to determine if the proposed development is located in the floodway. If located in the floodway, assure that the encroachment provisions of Section 5-220 are met;*
- D. *Compare the elevation of the site to the base flood elevation. Any development located on land higher than the base flood elevation is not in the SFHA and, therefore, not subject to the requirements of this Article. Conversely, any development located on land shown to be below the base flood elevation and hydraulically connected, but not shown on the current Flood Insurance Rate Map is subject to the provisions of this Article.*

Sec. 5-213. Reserved

Sec. 5-214. Base Flood Elevation.

This Article's protection standard is the base flood according to the best data available to the Illinois State Water Survey's Flood Plain Information Repository. Whenever a party disagrees with the best available data, said party may finance the detailed engineering study needed to replace existing data. The detailed engineering study shall be submitted to FEMA, IDNR/OWR, and the City Engineer for review and approval prior any development of the site.

- A. *The base flood elevation for the SFHA's of the Boneyard Creek, McCullough Creek and Saline Branch shall be as delineated on the 100-year flood profiles in the Flood Insurance Study of the City prepared by the Federal Insurance Administration and dated July 16, 1980, as amended.*
- B. *The base flood elevation for each floodplain delineated as an "AH Zone" or "AO Zone" shall be that elevation (or depth) delineated on the Flood Insurance Rate Map of the City of Urbana.*
- C. *The base flood elevation for each of the remaining floodplains delineated as an "A Zone" on the Flood Insurance Rate Map of the City of Urbana shall be according to the best data available from federal, state or other sources. Should no other data exist, an engineering study must be financed to determine base flood elevations.*
- D. *The base flood elevation for the SFHAs of those parts of unincorporated Champaign County that are within the extraterritorial jurisdiction of the City or that may be annexed into the City shall be as delineated on the 100 year flood profiles in the Flood Insurance Study of Champaign County prepared by the Federal Emergency Management Agency and dated September 1, 1983, as amended.*

Sec. 5-215. Alteration of Watercourses.

- A. *The applicant shall notify adjacent communities and the IDNR/OWR and other governmental units of jurisdiction prior to any alteration or relocation of a watercourse, and submit evidence of such notification to the Federal Insurance Administration.*
- B. *The City shall require of the applicant that maintenance is provided within the altered or relocated portion of said watercourse so that the flood-carrying capacity is not diminished. The applicant shall provide a statement from the appropriate party accepting such maintenance responsibility.*

Sec. 5-216. Interpretation of FIRM Boundaries.

The City Engineer or Building Official may make interpretations where needed, as to the exact location of the SFHA, for example, where there appears to be a conflict between a mapped boundary and actual field conditions. The person contesting the location of the boundary shall be given a reasonable opportunity to appeal the interpretation as provided in Section 5-217.

Sec. 5-217. Variance Procedure.

A. Appeal Board.

1. *The Building Safety Code Board of Appeals as established by Ordinance No. 8788-40, as amended, shall hear and decide appeals and requests for variances from the requirements of this Article.*
2. *The Building Safety Code Board of Appeals shall hear and decide appeals when it is alleged there is an error in any requirements, decision or determination made by the City Engineer or Building Official in the enforcement or administration of this Article.*
3. *Those aggrieved by the decision of the Building Safety Code Board of Appeals, or any taxpayer, may appeal such decision to the court of appropriate jurisdiction.*
4. *In reviewing such applications, the Building Safety Code Board of Appeals shall consider all technical evaluations, all relevant factors, standards specified in other sections of this Article, and:*
 - a.) *the danger that materials may be swept onto other lands to the injury of others;*
 - b.) *the danger to life and property due to flooding or erosion damage;*
 - c.) *the susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner;*
 - d.) *the importance of the services provided by the proposed facility to the community;*
 - e.) *the availability of alternative locations for the proposed use which are not subjected to flooding or erosion damage;*
 - f.) *the compatibility of the proposed use with existing and anticipated development;*
 - g.) *the relationship of the proposed use to the comprehensive plan and floodplain management program of that area;*
 - h.) *the safety of access to the property in times of flood for ordinary and emergency vehicles;*
 - i.) *the expected heights, velocity, duration, rate of rise, and sediment transport of the waters and the effects of wave action, if applicable, expected at the site; and*
 - j.) *the cost of providing governmental services during and after flood conditions, including maintenance and repair of public utilities and facilities such as sewer, gas, electrical, and water systems, and streets and bridges.*
5. *Upon consideration of the factors of Subsection 5-217.4 and the purposes of this Article, the Building Safety Code Board of Appeals may attach such conditions to the granting of variances as it deems necessary to further the purposes of this Article.*
6. *The Building Official shall maintain the records of all appeal actions, including technical information, and report any variances to the Federal Insurance Administration upon request.*

B. Conditions for Variances.

- 1. Generally, variances may be issued for new construction and substantial improvements to be erected on a lot of one-half acre or less in size contiguous to and surrounded by lots with existing structures constructed below the base flood level, providing items a) through j) in Subsection 5-217.4 have been fully considered. As the lot size increases beyond one-half acre, the technical justification for issuing the variance increases.*
- 2. Variances may be issued for the reconstruction, rehabilitation or restoration of structures listed on the National Register of Historic Places or the State Inventory of Historic Places, without regard to the procedures set forth in the remainder of this section.*
- 3. Variances shall not be issued within any designated floodway if any increases in flood levels during the base flood discharge would result.*
- 4. Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.*
- 5. Variances shall only be issued upon:*
 - a.) a showing of good and sufficient cause;*
 - b.) a determination that failure to grant the variance would result in exceptional hardship to the applicant; and*
 - c.) a determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisance, cause fraud on or victimization of the public as identified in Subsection 5-217.4, or conflict with existing local laws or ordinances.*
- 6. Any applicant to whom a variance is granted shall be given written notice that the structure will be permitted to be built with a lowest floor elevation below the base flood elevation and that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.*

The Building Official shall also notify the applicant in writing that a variance from the requirements of this ordinance that would lessen the degree of protection to a building will:

- a.) result in increased risk to life and property; and*
- b.) require that the applicant proceed with knowledge of these risks and that the applicant acknowledge in writing the assumption of all risk and liability and agrees to hold the City of Urbana harmless in the event of a flood.*

Sec 5-218. Subdivision Requirements

The City Engineer shall take into account flood hazards, to the extent that they are known, in all official actions related to land management use and development.

- A. New subdivisions, manufactured home parks, annexation agreements, planned unit developments, and additions to manufactured home parks and subdivisions shall meet the damage prevention and building protection standards of Sections 5-219 and 5-220 of this Article.*

- B. *Any proposal for such development shall include the following data:*
1. *the base flood elevation and the boundary of the floodplain (where the base flood elevation is not available from an existing study, the applicant shall be responsible for calculating the base flood elevation);*
 2. *the boundary of the floodway when applicable; and*
 3. *a signed statement by a Registered Professional Engineer that the proposed plat or plan accounts for changes in the drainage of surface waters in accordance with the Plat Act (765 IL Compiled Statutes 205/2).*

Sec. 5-219. – Floodproofing Standards

- A. *In addition to the damage prevention requirements of Section 5-220, all buildings located in the floodplain shall be protected from flood damage below the flood protection elevation. This building protection requirement applies to the following situations:*
1. *construction or placement of a new building valued at more than \$1,000 or containing at least 70 square feet in area;*
 2. *substantial improvements made to an existing building. This alteration shall be figured cumulatively beginning with any alteration which has taken place subsequent to the adoption of this Article;*
 3. *repairs made to a substantially damaged building. These repairs shall be figured cumulatively beginning with any repairs which have taken place subsequent to the adoption of this Article;*
 4. *structural alterations made to an existing building that increase the floor area by more than 20%;*
 5. *installing a manufactured home on a new site or a new manufactured home on an existing site (the building protection requirements do not apply to returning a manufactured home to the same site it lawfully occupied before it was removed to avoid flood damage);*
 6. *installing a travel trailer or recreational vehicle on a site for more than 180 days per year; and*
 7. *repetitive loss to an existing building as defined in Section 5-205.*
- B. *Residential or non-residential buildings can meet the building protection requirements by one of the following methods:*
1. *The building may be constructed on permanent land fill in accordance with the following:*
 - a.) *the lowest floor (including basement) shall be at or above the flood protection elevation;*
 - b.) *the fill shall be placed in layers no greater than six inches before compaction and should extend at least ten feet beyond the foundation before sloping below the flood protection elevation;*
 - c.) *the fill shall be protected against erosion and scour during flooding by vegetative cover, riprap, or other structural measure;*

- d.) *the fill shall be composed of rock or soil and not incorporate debris or refuse materials; and*
 - e.) *the fill shall not adversely affect the flow of surface drainage from or onto neighboring properties and when necessary, storm water management techniques such as swales or basins shall be incorporated; or*
2. *The building may be elevated in accordance with the following:*
- a.) *The building or improvements shall be elevated on stilts, piles, walls, or other foundation that is permanently open to flood waters;*
 - b.) *The lowest floor and all electrical, heating, ventilating, plumbing, and air conditioning equipment and utility meters shall be located at or above the flood protection elevation;*
 - c.) *If walls are used, all enclosed areas below the flood protection elevation shall address hydrostatic pressures by allowing the automatic entry and exit of flood waters. Designs must either be certified by a registered professional engineer or by having a minimum of one permanent opening on each wall no more than one foot above grade. The openings shall provide a total net area of not less than one square inch for every one square foot of enclosed area subject to flooding below the base flood elevation;*
 - d.) *the foundation and supporting members shall be anchored, designed, and certified so as to minimize exposure to hydrodynamic forces such as current, waves, ice and floating debris;*
 - e.) *the finished interior grade shall not be less than the finished exterior grade;*
 - f.) *all structural components below the flood protection elevation shall be constructed of materials resistant to flood damage; and*
 - g.) *water and sewer pipes, electrical and telephone lines, submersible pumps, and other service facilities may be located below the flood protection elevation provided they are waterproofed.*
- C. *Manufactured homes or travel trailers to be permanently installed on site shall be:*
- 1. *elevated to or above the flood protection elevation; and*
 - 2. *anchored to resist flotation, collapse, or lateral movement by being tied down in accordance with the Rules and Regulations for the Illinois Mobile Home Tie-Down Act issued pursuant to 77 IL Adm. Code 870.*
- D. *Travel trailers and recreational vehicles on site for more than 180 days shall meet the elevation requirements of Subsection 5-219c unless the following conditions are met:*
- 1. *the vehicle must be either self-propelled or towable by a light duty truck. The hitch must remain on the vehicle at all times;*
 - 2. *the vehicle must not be attached to external structures such as decks and porches;*
 - 3. *the vehicle must be designed solely for recreation, camping, travel, or seasonal use rather than as a permanent dwelling;*
 - 4. *the vehicles largest horizontal projections must be no larger than 400 square feet;*
 - 5. *the vehicle's wheels must remain on axles and inflated;*

6. *air conditioning units must be attached to the frame so as to be safe for movement out of the floodplain;*
 7. *propane tanks, electrical and sewage connections must be quick-disconnect and above the 100-year flood elevation;*
 8. *the vehicle must be licensed and titled as a recreational vehicle or park model; and*
 9. *the vehicle must be either (a) entirely supported by jacks rather than blocks or (b) have a hitch jack permanently mounted, have the tires touching the ground, and be supported by blocks in a manner that will allow the blocks to be easily removed by use of the hitch jack.*
- E. *Non-residential buildings may be structurally dry floodproofed (in lieu of elevation) provided a registered professional engineer or architect certifies that:*
1. *below the flood protection elevation the structure and attendant utility facilities are watertight and capable of resisting the effects of the base flood;*
 2. *the building design accounts for flood velocities, duration, rate of rise, hydrostatic and hydrodynamic forces, the effects of buoyancy, and the impact from debris and ice; and*
 3. *floodproofing measures will be incorporated into the building design and operable without human intervention and without an outside source of electricity.*
- F. *Levees, berms, floodwalls and similar works are not considered floodproofing for the purpose of this Section.*
- G. *Garages or sheds constructed ancillary to a residential use may be permitted provided the following conditions are met:*
1. *the garage or shed must be non-habitable;*
 2. *the garage or shed must be used only for the storage of vehicles and tools and cannot be modified later into another use;*
 3. *the garage or shed must be located outside of the floodway;*
 4. *the garage or shed must be on a single family lot and be accessory to an existing principal structure on the same lot;*
 5. *below the base flood elevation, the garage or shed must be built of materials not susceptible to flood damage;*
 6. *all utilities, plumbing, heating, air conditioning and electrical must be elevated above the flood protection elevation;*
 7. *the garage or shed must have at least one permanent opening on each wall no more than one foot above grade with one square inch of opening for every square foot of floor area;*
 8. *the garage or shed must be less than \$7,500 in market value or replacement cost whichever is greater or less than 500 square feet in area;*
 9. *the structure shall be anchored to resist floatation and overturning;*
 10. *all flammable or toxic materials (gasoline, paint, insecticides, fertilizers, etc.) shall be stored above the flood protection elevation; and*
 11. *the lowest floor elevation should be documented and the owner advised of the flood insurance implications.*

H. *A building may be constructed with a crawlspace located below the flood protection elevation provided that the following conditions are met:*

1. *the building must be designed and adequately anchored to resist flotation, collapse, and lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy;*
2. *any enclosed area below the flood protection elevation shall have openings that equalize hydrostatic pressures by allowing for the automatic entry and exit of floodwaters. A minimum of one opening shall be provided on each wall having a total net area of not less than one square inch per one square foot of enclosed area. The openings shall be no more than one foot above grade;*
3. *the interior grade of the crawlspace below the flood protection elevation must not be more than two feet below the lowest adjacent exterior grade;*
4. *the interior height of the crawlspace measured from the interior grade of the crawl to the top of the foundation wall must not exceed four feet at any point;*
5. *an adequate drainage system must be installed to remove floodwaters from the interior area of the crawlspace within a reasonable period of time after a flood event;*
6. *portions of the building below the flood protection elevation must be constructed with materials resistant to flood damage; and*
7. *utility systems within the crawlspace must be elevated above the flood protection elevation.*

Sec. 5-220. Floodways.

Within the floodway identified on the Flood Boundary and Floodway Map, and within all other floodplains where a floodway has not been delineated, the following standards shall apply:

- A. *Except as provided in Section 5-220(B), no development shall be allowed which, acting in combination with existing and anticipated development, will cause any increase in flood heights or velocities or threat to public health and safety. The following specific development activities shall be considered as meeting this requirement:*
1. *barge fleeting facilities meeting the conditions of IDNR/OWR Statewide Permit No. 3;*
 2. *aerial utility crossings meeting the conditions of IDNR/OWR Statewide Permit No. 4;*
 3. *minor boat docks meeting the conditions of IDNR/OWR Statewide Permit No. 5;*
 4. *minor, non-obstructive activities meeting the conditions of IDNR/OWR Statewide Permit No 6;*
 5. *outfall structures and drainage ditch outlets meeting the conditions of IDNR/OWR Statewide Permit No. 7;*
 6. *underground pipeline and utility crossings meeting the conditions of IDNR/OWR Statewide Permit No. 8;*
 7. *bank stabilization projects meeting the conditions of IDNR/OWR Statewide Permit No. 9;*
 8. *accessory structures and additions to existing residential buildings meeting the conditions of IDNR/OWR Statewide Permit No. 10;*
 9. *minor maintenance dredging activities meeting the conditions of IDNR/OWR Statewide Permit No. 11;*
 10. *bridge and culvert replacement structures and bridge widenings meeting the conditions of IDNR/OWR Statewide Permit No. 12;*

11. temporary construction activities meeting the conditions of IDNR/OWR Statewide Permit No. 13; and
12. any development determined by IDNR/OWR to be located entirely within a Flood Fringe area.

B. Other development activities not listed in Section 5-220(A) may be permitted only if:

1. a permit has been issued for the work by IDNR/OWR (or written documentation is provided that an IDNR/OWR permit is not required); and
2. sufficient data has been provided to FEMA when necessary, and approval obtained from FEMA for a revision of the regulatory map and base flood elevation.

Sec. 5-221. Penalties for Noncompliance.

Failure to obtain a permit for development in the floodplain or failure to comply with the conditions of a permit or a variance shall be deemed to be a violation of this Article. Upon due investigation, the City Engineer or his designee may determine that a violation of the minimum standards of this Article exists. The City Engineer or his designee shall notify the owner in writing of such violation.

A. *If such owner fails after ten days notice to correct the violation:*

1. *The City shall make application to the Circuit Court for an injunction requiring conformance with this Article or make such other order as the court deems necessary to secure compliance with the Article;*
2. *Any person who violates this Article shall upon conviction thereof be fined not less than one hundred (\$100.00) nor more than five hundred dollars (\$500.00) for each offense; and*
3. *A separate offense shall be deemed committed upon each day during or on which a violation occurs or continues.*
4. *The City of Urbana shall record a notice of violation on the title to the property.*

B. *The City Engineer or his designee shall inform the owner that any such violation is considered a willful act to increase flood damages and therefore may cause coverage by a Standard Flood Insurance Policy to be suspended.*

C. *Nothing herein shall prevent the City of Urbana from taking such other lawful action to prevent or remedy any violations. All costs connected therewith shall accrue to the person or persons responsible.*

Sec. 5-222. Public Health and Other Standards

A. *Public health standards must be met for all floodplain development. In addition to the requirements of Sections 5-219 and 5-220, the following standards apply:*

1. *No development in the floodplain shall include locating or storing chemicals, explosives, buoyant materials, flammable liquids, pollutants, or other hazardous or toxic materials below the flood protection elevation unless such materials are stored in a floodproofed and anchored storage tank and certified by a professional engineer or floodproofed building constructed according to the requirements of Section 5-220 of this Article.*

2. *Public utilities and facilities such as sewer, gas, and electric shall be located and constructed to minimize or eliminate flood damage.*
 3. *Public sanitary sewer systems and water supply systems shall be located and constructed to minimize or eliminate infiltration of flood waters into the systems and discharges from the systems into flood waters.*
 4. *New and replacement on-site sanitary sewer lines or waste disposal systems shall be located and constructed to avoid impairment to them or contamination from them during flooding. Manholes or other above ground openings located below the flood protection elevation shall be watertight.*
 5. *Critical facilities shall be protected to the 500-year flood elevation. In addition, all ingress and egress from any critical facility must be protected to the 500-year flood elevation.*
- B. All other activities defined as development shall be designed so as not to alter flood flows or increase potential flood damages.*

Secs. 5-223 – 5-230. Reserved.

ARTICLE XII MOBILE HOME PARKS AND MOBILE HOMES

Sec. 5-231. Definitions.

The following words and phrases, when used in this Article, shall have the meanings respectively ascribed to them:

Applicant means any person making application for license of Certificate of Occupancy.

Ceases to Occupy means the person or persons lawfully occupying the mobile home unit has vacated the mobile home unit. In the absence of an oral or written statement by such persons that they are terminating their occupancy, termination will be presumed if both water and electrical utilities to the mobile home are terminated and there is a continuous absence of any lawful occupancy of such mobile home for a period of six months. Despite the termination of such water and electrical utilities and such continuous absence, it will not be presumed to be vacated if the owner of such mobile home has paid the rent due on the lot occupied by the mobile home.

Certificate of Occupancy. See "Mobile Home Certificate of Occupancy."

Condominium Mobile Home Park means, for the purpose of this Article, a Mobile Home Park as herein defined except the mobile home sites or stands are individually owned pursuant to the Illinois Condominium Property Act.

Department means the Department of Community Development Services, unless otherwise indicated.

Frontage means that portion of a mobile home site abutting a private or public street.

License means a license certificate issued by the City allowing a person to operate and maintain a Mobile Home Park.

Licensee means the person, persons, corporations, partnerships or other entity to whom the City issued a license for operation of a Mobile Home Park.

Lot Line, Rear means the lot line opposite the front lot line. For purposes of establishing the required rear yard, in the case of an irregularly shaped or three-sided lot, it shall mean a line within the lot, ten feet long, concentric with and at the maximum distance from the front lot line. A lot need not have a rear lot line.

Manufactured Home means a structure, transportable in one or more sections, which, in the traveling mode, is eight body feet or more in width or 40 body feet or more in length, or when erected on site, is 320 or more square feet, 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.

Mobile Home means a movable or portable unit, designed and constructed to be towed on its own chassis, comprised of frame and wheels, and designed to be connected to utilities for year-round occupancy and to provide for complete independent living facilities, including provisions for cooking, sleeping and sanitation. The term includes units containing parts that may be folded, collapsed or telescoped when being towed and then expanded to provide additional cubic capacity, and units composed of two or more separately towable components designed to be joined into one integral unit capable of being again separated into components, for repeated towing. Removal of wheels, towing devices or any other alteration does not qualify a mobile home as a conventional single-family dwelling. A mobile home shall, for purposes of this Article, exclude travel trailers or other mobile units not intended for year-round occupation.

Mobile Home Certificate of Occupancy (sometimes referred to herein as simply "Certificate of Occupancy") means a permit, issued by the Building Official, authorizing the occupancy of the mobile home, as based upon compliance with applicable ordinance provisions together with any special conditions or stipulations.

Mobile Home Owner means the party possessing title to a mobile home or the purchaser of a mobile home under a bona fide contract.

Mobile Home Park means a contiguous parcel of land planned and improved for the placement of five or more mobile homes where sites are rented or purchased pursuant to the Illinois Condominium Property Act.

Mobile Home Park Service Building means a permanent structure housing laundry, office, sanitation or other community facilities as required in mobile home parks for use by mobile home park occupants.

Mobile Home Site means a parcel of land clearly delineated on the Mobile Home Park site plan, intended for the placement of an individual mobile home and for the exclusive use of its occupants.

Mobile Home Stand means that part of an individual mobile home site which has been constructed for the placement of a mobile home.

Occupancy or Occupied means the residing of an individual or individuals overnight in a mobile home or the installation, storage or use of equipment, merchandise or machinery.

Owner-Operator means licensee.

Person means any individual, group of individuals, association, trust, partnership, corporation, person doing business under an assumed name, county, municipality, the State of Illinois or any political subdivision or department thereof, or any other entity.

Plat means a scaled map, plan or layout showing the subdivision of land and indicating the location and boundaries of individual lots including, but not limited to, exhibiting the following:

- (1) *The name, location or address of the Mobile Home Park, its owner and operator;*
- (2) *location of all property lines, existing streets, easements, utilities, sewers and any other significant features;*
- (3) *date, north arrow, graphic scale (not less than one inch to one hundred (100) feet) on all drawings submitted;*
- (4) *all buildings, structures and mobile home stands;*
- (5) *total number of mobile home sites;*
- (6) *approximate gross density per acre; and*
- (7) *all Mobile Home Parks located in a floodplain shall file evacuation plans indicating vehicular access and escape routes, including mobile home hauler routes, with the appropriate disaster preparedness authorities.*

Sale means the transfer of ownership, either presently or at a definite time in the future, upon compliance with an agreement to transfer ownership.

Smoke Detector means a U.L. 217 approved smoke detector.

Street, Private means a service way with an all-weather, dustless surface, which provides access to a property for the use of a limited number of persons or purposes, and which has not been publicly dedicated.

Type S fuses means fuses that are nontamperable and installed by the following schedule:

<i>Wire Size</i>	<i>Fuse (amp.)</i>
<i>#14</i>	<i>15</i>
<i>#12</i>	<i>20</i>
<i>#10</i>	<i>30</i>

Sec. 5-232. Purpose.

The purpose of this Article is to provide minimum standards to safeguard life and property by regulating (and controlling) operation, placement and occupancy of mobile homes, mobile home parks and condominium mobile home parks.

Sec. 5-233. License Required to Establish, Maintain and Operate a Mobile Home Park.

No person shall establish, maintain, conduct or operate a Mobile Home Park after May 5, 1982 [Ord. No. 8182-78] without first obtaining a license therefore from the City. The mobile homes which are located within the Mobile Home Park as well as all common areas of the Mobile Home Park must comply with the exterior maintenance provisions of this Article. Failure

to comply with these exterior maintenance provisions shall be grounds for denial of the annual Mobile Home Park license. The exteriors of the mobile homes and all common Mobile Home Park areas shall be inspected annually.

Sec. 5-233.1. Rules and Regulations to be Established.

Each Mobile Home Park licensed by the City shall establish rules and regulations as authorized under an Act Concerning Mobile Home Parks and the Rights of Mobile Home Owners and Mobile Home Residents, (Chapter 80, Section 201 et seq., Ill. Rev. Stat. 1989) approved September 14, 1979 and effective January 1, 1980, which said rules and regulations shall obligate the tenant expressly to those tenants duties set forth in the aforesaid statute and shall promulgate such rules and regulations in the manner specified and set forth in said statute.

Sec. 5-234. Standards for Existing Mobile Home Parks.

A. Roadways and Access.

1. *All streets and driveways in every Park shall be maintained in a passable and reasonably dust-proof condition at all times, and all streets and driveways in all Parks shall have a minimum width of 20 feet.*
2. *When in the opinion of the Department adequate emergency access is not provided to emergency vehicles, the Department may require the licensee to provide adequate access where possible.*

B. Mobile Home Sites, Pacing and Density.

1. *Individual mobile home lot frontage and lot area as well as overall Mobile Home Park density shall be in compliance with the Urbana Zoning Ordinance as it applies to existing Mobile Home Parks.*
2. *No mobile home shall be parked closer than five feet to the side lot lines of a Mobile Home Park, or closer than ten feet to a public street, alley or building. There shall be an open space of at least ten feet adjacent to the sides of every mobile home and five feet adjacent to the ends of every mobile home.*
3. *Pads, runners or piers shall be provided for each lot.*
4. *Mobile home sites shall contain no other principal use than a mobile home as defined herein.*

C. Potable Water Supply.

1. *Where a public water supply is available such supply shall be used.*
2. *The distribution system shall supply water at a minimum pressure of 20 pounds per square inch (PSI) during periods of peak demand and usage at the faucets.*
3. *Water Service Connection.*

- a. *Water service connection shall not be less than three-fourths inch inside diameter and shall not serve more than one mobile home at any time.*
 - b. *All water risers shall be at least one-half inch in inside diameter and terminate at least four inches above finished ground level.*
 - c. *All materials (piping and cock and valves, etc.) used in the water riser and connection shall comply with Illinois State Plumbing Code.*
 - d. *Combination stop and waste valves and cocks shall not be installed in an underground service piping.*
- 4 *Approved fire hydrants shall be accessible to the mobile home park within 500 feet of any mobile home.*

D. Sewage Disposal System.

- 1. *All sewage and other water carried waste shall be disposed of into a municipal sewage system whenever a sewer is adjacent or within 100 feet of any position of a mobile home.*
- 2. *The sewage collection system within the Mobile Home Park shall be adequate to carry the sewage load based on a maximum number of mobile home spaces and 250 gallons per space per day. There shall be no discharging of raw or partially treated sewage or waste water onto the surface of the ground, nor shall there be any escape of odors from sewage systems.*
- 3. *Sewer Service Connection.*
 - a. *Each mobile home site shall be provided with a sewer connection.*
 - b. *Sewer connections in unoccupied sites shall be so closed that they will emit no odors or cause a breeding place for flies or other insects, etc.*
 - c. *At all sewer connections, the sewer riser shall extend four inches above the ground.*

E. Electrical System. *Mobile Home Parks shall meet the requirements of the most recently adopted Electrical Code of the City of Urbana applicable to Mobile Home Park electrical distribution systems except for the following:*

- (1) *Overhead distribution lines shall be 18 feet above streets or roadways and have three feet clearance from any structure.*

F. Exterior Lighting. *Adequate lighting shall be provided for all streets, walkways, buildings and other facilities subject to nighttime use. There shall be a minimum illumination level of 0.1 footcandles maintained on all streets.*

G. Insect and Rodent Control.

- 1. *Adequate insect and rodent control measures shall be employed by the Mobile Home Park owner. All buildings shall be reasonably flyproof and rodentproof,*

and rodent harborages shall not be permitted to exist in the Mobile Home Park or pathways.

2. *The Mobile Home Park owner is responsible for the elimination of any insect, rat or mice problem in the general areas of the Mobile Home Park. The individual mobile home owner is responsible for the elimination of any insect, rat or mice problem associated with his or her mobile home including the underside area of said mobile home.*

H. ***Fuel Supply and Storage.*** *All handling and storage of natural gas, liquified petroleum gas (LPG), fuel oil or other flammable liquid or gases should be installed and maintained in accordance with applicable state and local government codes and regulations. Each mobile home site shall have an accessible and listed gas shut-off valve installed. Such valve shall not be located under a mobile home. Whenever a mobile home site outlet is not in used, the shut-off valve shall be plugged to prevent accidental discharge.*

I. ***Mobile Home Park Maintenance and Operation Regulations.***

1. *The person to whom a license for a Mobile Home Park is issued shall provide adequate supervision to maintain the Mobile Home Park in compliance with this Article and keep its facilities and equipment in good repair and in a clean and sanitary condition.*
2. *The Mobile Home Park owner or caretaker shall inspect the Mobile Home Park weekly to determine that the potable water supply, sewage treatment facilities and water and sewage service connections are functioning in a safe and sanitary manner.*
3. *The Mobile Home Park owner or caretaker shall inspect the Mobile Home Park weekly to determine that the collection of garbage and refuse, cutting of grass and weeds, the storage of lumber and construction materials, and the removal of abandoned automobiles and equipment is being performed in a satisfactory manner. The Mobile Home Park owner or caretaker shall be responsible for the removal of any abandoned vehicle in accordance with the provisions of the Urbana Local Traffic Code (Chapter 23).*
4. *The correction of all deficiencies noted by the Mobile Home Park owner or caretaker must be accomplished within such time as may be otherwise required by this Article.*
5. *The Mobile Home Park owner or operator shall check weekly to determine that any vacant mobile home is adequately secured to prevent it from being an attractive nuisance. Upon finding such unit unsecured, the Mobile Home Park owner or caretaker shall require the homeowner to close it, or shall take necessary measures to close it. Upon failure of any homeowner to repair or remove any unit which has been placarded as "Not Approved for Occupancy" or in cases where the homeowner cannot be determined, it shall become the responsibility of the licensee to remove the mobile home.*

Sec. 5-235. Standards for New Mobile Home Parks.

New Mobile Home Parks shall comply with the Urbana Zoning Ordinance. In addition, they shall comply with all applicable provisions of Section 5-524 above.

Sec. 5-236. Inspection and Certificate of Occupancy.

- A. *No mobile home may be placed in an Urbana Mobile Home Park and/or occupied unless such mobile home has been issued a Certificate of Occupancy by the City of Urbana and such Certificate of Occupancy has not been revoked.*
- B. *A Certificate of Occupancy for a mobile home unit shall be issued to those mobile units which meet the standards set forth for mobile homes in Section 5-241 of the Urbana City Code. A Certificate of Occupancy, once issued shall be valid until revoked.*
- C. *Any person affected by any notice which has been issued in connection with the enforcement of any provision of this Section or of any rule or regulation adopted pursuant thereto may request and shall be granted a hearing on the matter before the Property Maintenance Code Board of Appeals, provided that such person shall file, with the administrative secretary of the Board, a written petition requesting such hearing and containing a statement of the grounds therefore within 14 days after the day the notice was served. Any violation notice served pursuant to this Section shall automatically become an order if written petition for a hearing is not filed. The Board shall be obligated to call a public meeting within 45 days after receipt of a request for a hearing. There is a filing fee for an Appeal which is set forth in Section 14-7 of the Code of Ordinances.*
- D. *If a Certificate of Occupancy is revoked, the holder of such Certificate shall have the right to appeal such revocation to the Property Maintenance Code Board of Appeals.*
- E. *No mobile home shall be occupied after the occupancy ceases or after the mobile home is sold until such mobile home has been inspected by the City of Urbana to determine if the mobile home complies with the standards set forth for mobile homes in Section 5-241.*
- F. *The owner of each and every Mobile Home Park now located in the City shall promptly place on the front door of a mobile home where occupancy ceases as defined in this Article, a notice to the effect that the mobile home cannot again be reoccupied without first being inspected by the City and found to be in compliance with the standards set forth for mobile homes in Section 5-241. The notice referred to in this Section shall be supplied without cost to the Mobile Home Park owner by the City.*

Sec. 5-237. Term of Certificate of Occupancy.

Except as otherwise provided herein, a Certificate of Occupancy shall be for a term equal to the period the mobile home exists at the same mobile home site or stand. A Certificate of Occupancy may be transferred to successive owners so long as the mobile home

remains at the same mobile home site or stand and remains in substantial compliance with the provisions of this Article.

Sec. 5-238. Application for Certificate of Occupancy.

Application for a Certificate of Occupancy shall be made to the Department prior to placing a mobile home in a Mobile Home Park or moving it within a Mobile Home Park. The applicant shall be informed of the standards for mobile homes contained in this Article. The mobile home owner, through said application, agrees to an inspection by the Department within 30 days after placement or movement of said mobile home to determine compliance with this Article. Said application shall include the following information:

- (1) name of mobile home owner;
- (2) Mobile Home Park where mobile home is to be placed;
- (3) serial number and make of mobile home; and
- (4) mobile home owner's mailing address.

Sec. 5-239. Fee for Certificate of Occupancy.

The fee for a Certificate of Occupancy is found in Chapter 14 of the Urbana Code of Ordinances.

Sec. 5-240. Waiver of Fee for Certificate of Occupancy.

For mobile homes existing in Mobile Home Parks on January 1, 1980, the fee for the Certificate of Occupancy shall be waived so long as the mobile home remains on the same site or stand, but a Certificate of Occupancy is still required. A Certificate of Occupancy shall be issued after inspection by the Department and finding that the mobile home is in substantial compliance with the standards in this Article.

Sec. 5-241. Mobile Home Standards.

- A. In order to obtain a Certificate of Occupancy a mobile home must meet the following requirements:
1. **License.** The Mobile Home Park in which the mobile home is placed must be licensed.
 2. **Smoke Detector.** Every mobile home must have at least one approved smoke detector in operating condition within 15 feet of every room used for sleeping purposes.
 3. **Fire Extinguisher.** Every mobile home, except owner occupied mobile homes, must contain at least one ten-pound A.B.C. fire extinguisher in working order and easily accessible from the interior of the mobile home.

4. **Plumbing System.**
 - a. *The plumbing system must be safe, sanitary in condition and maintained in accordance with accepted engineering practices and codes.*
 - b. *The mobile home shall be connected to the Mobile Home Park sewer system via a nonflexible airtight connection.*
5. **Heating and Air Conditioning System.** *The heating and air conditioning system must be safe and installed in accordance with accepted engineering practices and codes. Fireplaces must be approved to U.L. mobile home standard 1482 and installed according to manufacturer's specifications.*
- 6 **Electrical System.**
 - a. *The electrical system shall meet the provisions of the most recently adopted electrical code of the city applicable to existing mobile homes.*
 - b. *When plug fuses and fuseholders are used they shall be nontamperable Type S fuses sized as herein defined.*
7. **Exterior of Mobile Home.** *Exterior walls and roofs shall be structurally sound and tight and free from defects which might admit rain or dampness. All exterior surface materials, including wood, composition, or metal siding, shall be maintained weatherproof and shall be properly surface coated when required to prevent deterioration. Every window, door, and frame shall be constructed and maintained in such relation to the adjacent wall construction so as to be weathertight. Every window sash shall be fully supplied with approved glazing materials which are without open cracks and holes.*
8. **Accessory Structures.** *Accessory structures or storage sheds where allowed by the licensee shall be of proper construction, weather-tight, properly anchored and not less than 18 inches from a mobile home rear or side lot line. A permit is required to erect such a structure when it exceeds 100 square feet in area.*
9. **Gas System.** *Each mobile home utilizing gas shall be connected to the mobile home site outlet by a listed flexible mobile home connector of sufficient capacity to supply gas to the connected load. Approved rigid pipe and fittings shall be used between the flexible connector and the mobile home site gas outlet if the distance between the mobile home site gas outlet and the mobile home gas service connection exceeds six feet. All gas outlet risers, regulators, meters, valves, or other exposed equipment shall be protected from physical damage by vehicles or other causes.*
10. **Stairs and Porches.** *Every stair, porch, deck, and all appurtenances attached thereto shall be so constructed as to be safe to use and capable of supporting the anticipated loads and shall be maintained in sound condition and good repair.*
11. **Skirting.** *Skirting is required to be installed around the perimeter of the mobile homes. The required skirting must be securely attached and maintained against*

deterioration. The skirting material must have a flame spread rating of 200 or less and it must be treated against termite infestation or be made of an approved non-cellulose based material.

12. **Storage.** Storage of debris, junk, or construction materials, which are not associated with an activity which has been authorized by a valid building permit for that specific site shall be prohibited.
13. **Tiedowns.** All mobile homes must be securely anchored in accordance with the tiedown requirements of the State of Illinois Department of Public Health.
14. **Interior of Mobile Home.** Floors, walls (including windows and doors), ceilings, and other interior surfaces shall be maintained in good, clean, sanitary, and structurally sound condition.

B. All manufactured/mobile homes proposed to be parked in a Mobile Home Park must have been manufactured since June 15, 1976, and must comply with the construction standards of the National Manufactured Housing Construction and Safety Standards Act of 1974. Compliance with said Act shall be verified by the presence of the permanently attached Department of Housing and Urban Development seal/emblem on the home. No mobile homes manufactured prior to June 15, 1976, that are not officially certified as having been manufactured in full compliance with the National Manufactured Housing Construction and Safety Act of 1974 shall be permitted to be placed in a mobile home park.

Section 5-242 Violations. Failure of mobile home owner to obtain a Certificate of Occupancy or to meet minimum standards contained herein for mobile homes is a violation of this Article.

Section 5-243 Notice. When the Department determines there has been a violation of this Article, the Department shall cause written notice to be served upon the owner containing a description of the violation, order to vacate or remove said mobile home, if necessary, and/or corrective actions.

Section 5-244 Penalty. Any person who violates the provisions of this Article shall, upon conviction thereof, be fined as provided in Section 1-10 of this Code and in addition shall pay all costs and expenses involved in litigation. A separate offense shall be deemed committed upon each day during or upon which a violation occurs or continues after due notice is served.

Section 5-245 Saving Clause. Nothing in this Article hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 1 of this Adopting Ordinance; nor shall any just or legal right of remedy of any character be lost, impaired, or affected by this Article.

Sections 5-245 – 5-260. Reserved.

ARTICLE XIII FIRE PREVENTION CODE

Sec. 5-261. Adoption of Fire Prevention Code. *That a certain document, three copies of which are on file in the Office of the City Clerk of the City of Urbana, being marked and designated as the International Fire Code 2003 is hereby adopted as the Fire Prevention Code of the City of Urbana, 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 Fire Code 2003 are hereby referred to, adopted and made a part hereof, with the additions, insertions, deletions and changes, if any, prescribed in Section 5-262.*

Sec. 5-262. Additions, Modifications and Deletions. *The following sections and subsections of the International Fire Code are amended or changed in the following respects.*

"Add" preceding a provision in this Section means that such provision is hereby added to and made a part of the International Fire Code 2003 as though fully set forth therein at the referenced Section.

"Delete" preceding a provision of this Section means that such provision deletes the referenced Section from the International Fire Code 2003.

"Amend" preceding a provision of this Section means that such provision amends the referenced Section of the International Fire Code 2003 to read as provided and that such provision is added to and made a part of such Code as though fully set forth at the referenced Section number.

Section F-103.1 "General" is amended to read as follows:

Section F-103.1 General: The term "Code Official," as used in this code, shall refer to the Fire Code Official.

Section F- 105.1.1 entitled "Permits Required," is amended to read as follows:

Section F- 105.1.1 Permits Required: Permits shall be obtained from the Code Official according to the local adopting legislation. Inspection or permit fees shall be stipulated in the local adopting legislation. Permits shall, at all times, be kept in the premises designated therein, and shall be subject to inspection by the Code Official.

Section F- 105.1.4 entitled "Schedule of Fees," is added and reads as follows:

Section F- 105.1.4 Schedule of Fees: Any person required to obtain more than one permit as set forth above to engage, at any specifically defined single location, in any business activity involving the handling, storage or use of hazardous substances, materials or devices; or to maintain, store or handle materials; or to conduct processes which produce conditions hazardous to life or property, or to install equipment used in connection with such activities, shall be required to pay the amount specified in Section 14-7 of the Urbana Code of Ordinances.

Section F- 109.3 entitled "Violation Penalties," is amended to read as follows:

Section F- 109.3 Penalties for Violations: Any person, firm or corporation violating any of the provisions of this Code or failing to comply with any order issued pursuant to any Section hereof, shall be subject to the following penalties. Upon conviction thereof shall be fined not less than one dollar (\$1.00)

nor more than five hundred dollars (\$500.00) for each offense. Each day that a violation continues, after a service of notice, shall be deemed a separate offense.

Section F- 109.3.2 entitled "Application for Appeal," is added and reads as follows:

Section F- 109.3.2 Application for Appeal: Any person shall have the right to appeal to the Building Safety Code Board of Appeals from a decision of the Code Official. An application for appeal shall be based on a claim that the true intent of this Code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this Code do not fully apply, or an equally good or better method of fire prevention is used. The application shall be filed on a form obtained from the Code Official within 15 days after the notice was served.

Section F-109.3.3 entitled "Board of Appeals," is added and reads as follows:

Section F- 109.3.3 Board of Appeals: All appeals shall be heard by the Building Safety Code Board of Appeals as referenced in the International Fire Code, 2003, as amended.

Section F- 506.1 entitled " Key Boxes Where Required," is added and reads as follows:

Section F- 506.1 Key Boxes Where Required: Approval of Fire Department key boxes shall be of an approved type and be installed in a location approved by the Urbana Fire Department in accordance with manufacturer's recommendations.

A fire department key box shall be installed when access to or within the building or area is unduly difficult because of secured openings, or when buildings with a fire detection or suppression system are monitored by alarm companies with direct notification to the dispatch center or unsupervised local alarms, and where immediate access is necessary for life saving or fire fighting purposes.

Section F- 506.3 entitled "Key Box Contents," is added and reads as follows:

Section F- 506.3 Key Box Contents: Key boxes shall contain the following:

1. Keys to locked points of egress whether on the interior or exterior of such buildings.
2. Keys to locked mechanical rooms.
3. Keys to locked electrical rooms.
4. Keys to other areas as directed by the Assistant Chief of Fire Prevention and the Fire Chief.

Section 902 entitled "Definitions," is modified as follows:

The following definitions are added:

Automatic Fire-Extinguishing System is an approved system of devices and equipment which automatically detects a fire and discharges an approved fire-extinguishing agent onto or in the area of a fire.

Fire Chief means the Fire Chief of the Urbana Fire Rescue Services or said Fire Chief designee.

High-Rise Buildings shall mean buildings having occupied floors located more than four stories 75 feet above the lowest level of fire department vehicle access.

Impaired Evacuation Capability, for the purpose of this Article, shall mean an occupant that cannot reliably evacuate a building in a timely manner because of that occupant's physical and/or mental limitations or disabilities. The Fire Chief, or his/her designee, shall have the authority to determine whether a person is an occupant with an impaired evacuation capability as defined herein, and to conduct a timed evacuation drill to determine the extent to which an apartment building may contain occupants with impaired evacuation capabilities as defined herein.

Institutional Group "I" occupancy includes among others, the use of a building or structure, or a portion thereof, in which people having physical limitations because of health or age are harbored for medical treatment or other care or treatment, or in which people are detained for penal or correctional purposes or in which the liberty of occupants is restricted.

Residential Group "R2" Apartment. A building, or portion of a building, containing more than two dwelling units where the occupants are primarily permanent residents.

Residential Group "R2" Dormitory. A building, or portion of a building, where group sleeping accommodations are provided for more than 16 persons who are not all members of the same family, in one room or a series of closely associated rooms, under joint occupancy and single management, with or without meals, but without individual cooking facilities. Examples of dormitories are college dormitories; fraternity and sorority houses; and military barracks.

Section F- 907.20.6 entitled "False Alarm," is added and read as follows:

Section F- 907.20.6 False Alarm: False alarm means an alarm signal eliciting a response by the Fire Department when a situation requiring a response by the Fire Department does not in fact exist. False alarm does not include an alarm signal caused by violent conditions of nature or other extraordinary circumstances not reasonably subject to control by the alarm business operator or alarm user. Alarms resulting from the following conditions are not considered false alarms:

1. Criminal activity or unauthorized entry.
2. Earthquake causing structural damage to the protected premises.
3. High winds sufficient to activate detection system or causing physical damage to the protected premises.
4. Flooding of the related premises due to overflow of natural drainage.
5. Lighting causing physical damage to protected premises.
6. Telephone line malfunction verified in writing to the Fire Department by at least a first line telephone company supervisor.
7. Electrical service interruption verified in writing to the Fire Department by the local power company.
8. Communication to METCAD or a Fire Department before a unit is dispatched to investigate clearly indicating that the alarm resulted from an authorized system test or other noncriminal cause.
9. An alarm caused on the reasonable but mistaken belief that a fire or medical emergency is in progress.

Section F- 907.20.7 entitled "Excessive False Alarm and Assessment," is added and reads as follows:

Section F- 907.20.7 Excessive False Alarm and Assessment:

1. If any alarm system produces four false alarms in any calendar year, the Code Official shall provide written notice of the fact, which shall be given by certified mail or delivery to the owner or responsible party requiring them to take corrective action in regard to false alarms and informing the owner or occupant of the false alarm fee schedule provided herein.
2. Owner or responsible parties installing a new system or making substantial modifications to any existing system shall be entitled to a grace period during which alarms generated by such system shall be deemed nonfalse alarms. The grace period shall cease 30 days after installation of or modification to an alarm system.
3. Upon any alarm system producing five or more false alarms in a calendar year, a fee of five-hundred dollars (\$500.00) per false alarm shall be charged to the owner or responsible party.

Section F-907.1.3 entitled "Local Alarm Signs," is added and reads as follows:

Section F-907.1.3 Local Alarm Signs: Local fire alarm systems shall be equipped with signs stating "When Alarm Sounds, Call 9-1-1." Sign shall be installed in a location to be determined by the Urbana Fire Department.

Section 914 entitled "Fire Protection Systems for Existing Buildings," is added and reads as follows:

Section 914 Fire Protection Systems for Existing Buildings:

Section 914.1 General. This section shall govern the requirements for Fire Protection Systems in existing buildings.

Section 914.2 High-Rise Buildings. High-rise buildings shall be protected throughout by an approved, automatic fire-extinguishing system in accordance with this Section.

Section 914.3 Use Group R2 Buildings with Sixteen or More Dwelling Units. Use group R2 buildings with 16 or more dwelling units, each of which has one or more occupants who have impaired evacuation capabilities, as defined by this Chapter, shall be equipped with an approved automatic fire-extinguishing system in accordance with this Chapter.

Section 914.4 Use Group R2 Dormitories. Use group R-2 dormitories shall be equipped with an approved automatic fire-extinguishing system in accordance with this Section.

Section 914.5 Completion Date. Any existing building required to have an automatic fire-extinguishing system by the requirements of this Section shall be protected in its entirety by an approved automatic fire-extinguishing system within five years of the adoption of this Ordinance.

SECTION F- 3301.3 Fireworks

Section F-3301.1.3 entitled "Definition," is added and reads as follows:

Section F-3301.1.3 Definition: Fireworks shall mean and include any combustible or explosive composition, or any substance or combination of substance or article prepared for the purpose of producing a visible or an audible effect by combustion, explosion, deflagration or detonation; and shall include blank cartridges, toy pistols, toy cannons, toy canes or toy guns in which explosives are used; the type of balloons which require fire underneath to propel the same; firecrackers; torpedoes; skyrockets; Roman candles; dago bombs; sparklers; smoke bombs; snakes or other devices of like construction which are ignited by a match, lighter or similar open flame device and any device containing any explosive or flammable compound, or any tablets or other devices containing any explosive substance, except that the term "Fireworks" shall not include auto flares, paper caps containing not in excess of an average of .25 grain (16.2 mg) of explosive content per cap, and toy pistols, toy canes, toy guns or other devices for use of such caps, the sale and use of which shall be permitted at all times; provided; however, that items that are less than 0.25 grain (16.2 mg) of explosive substance, including but not limited to smoke bombs, snakes, and items which are ignited by a match, lighter or similar open flame devices shall be considered fireworks; the sale, storage and display of which shall be prohibited.

Section F-2206.2.3.1 entitled "Above-Ground Tanks Located Outside, Above Grade," is added and reads as follows:

Section F-2206.2.3.1 Above-Ground Tanks Located Outside, Above Grade: New above ground storage tanks shall conform to the following requirements:

1. Above ground tanks may be installed at the following facilities under the following circumstances:
 - A. agricultural storage, which is limited to farms, tree nurseries, fish farms, tree farms, sod farms or orchards;
 - B. storage at commercial, industrial, governmental or manufacturing establishments for fueling vehicles used in connection with their business; and

- C. storage at construction sites for refueling construction equipment;
2. Dispensing at the facilities specified in Sections F2206.2.3.1 A,B,C shall only be in accordance with the following:
- A. after an inspection of the premises and operations has been made and approval granted by the Code Official (approval shall be granted if curb pumps are not present and if pumps are not located in any portion of a public roadway);
 - B. the dispensing is done on premises not open to the public;
 - C. the tanks are safeguarded against collision, spillage or overfill to the satisfaction of the authorities having jurisdiction;
 - D. each tank system is listed or approved for such aboveground use by the Office of the State Fire Marshal; in granting such approval, the Code Official shall consider the following elements: leaks, compatibility of the tank and line with the product contained in the tank, whether any equipment has been recalled by the manufacturer, whether wiring at the dispensing location is in a rigid metal conduit within a radius of 30 feet and is otherwise in compliance with the National Electric Code (NFPA 70) and whether the dispensing location has seal-offs at all connections;
 - E. a top-fill opening shall be provided and shall be equipped with a closure designed so that it may be locked;
 - F. a vent shall be provided to relieve such vacuum or pressure as will develop in normal operation; such vent shall have a minimum unobstructed opening of one and one-half inches in diameter and the vent shall be elevated to a height of at least four feet (unless directed in writing by the Code Official to a greater height, based on construction characteristics of the tank and fire safety considerations) or in which approval in writing for a lower height is granted by the Code Official, such approval to be based upon construction characteristics of the tank in question or unique physical conditions prevent a vent of that height from being installed;
 - G. tanks shall be equipped with a permanently connected pumping device listed by Underwriters Laboratories (UL) (as printed on Page 4 of the Fire Protection Equipment Directory published by Underwriters Laboratories, January, 1988 (no subsequent dates or editions)) or FM Engineering (as printed on Page ii of the Factory Mutual System Approval Guide 1989 published by Factory Mutual Research Corporation, 1989 (no subsequent dates or editions)); the pump shall be equipped with a padlock to prevent tampering; an antisiphoning device shall be included in the pump discharge and siphons or internal pressure discharge devices are prohibited; and gravity method of discharge is prohibited;
 - H. tanks for the storage of flammable or combustible liquids shall be marked with the name of the product which they contain and "FLAMMABLE - KEEP FIRE AND FLAME AWAY", both in letters at least four inches high and in contrasting color from the tank on which they are marked;
 - I. a maximum of two aboveground tanks per facility of up to 2,500 gallons each shall be allowed for storage of flammable or combustible liquids, provided such liquid is stored outside buildings in tank(s) constructed throughout of steel and made vapor tight (as determined by such tests as a pressure test and volumetric test); tanks shall be designed and constructed according to standards specified in 41 IL Adm. Code 160.15, 160.70-160, 160.80-240; and

- J. tanks as provided in this subsection shall be kept outside and at least 30 feet from any building, or combustible or flammable stored liquids, liquid petroleum and shall be so located or such additional distance to buildings shall be provided to insure that no vehicle, equipment or vessel being filled directly from any such tank shall be closer than 30 feet to any building, combustible or flammable stored liquid, liquid petroleum (LP) gas tank or property lines, except that a tank protected within a two-hour fire resistant enclosure (the time, in minutes or hours, that materials or assemblies have withstood a fire exposure as established in accordance with the test procedures of NFPA 251, Standard Methods of Fire Tests of Building Construction and Materials, 1985 (or subsequent dates or editions)) may be located adjacent to a structure after a request in writing to construct such an enclosure has been submitted to the Office of the State Fire Marshal, and the Office has issued an acknowledgement in writing.

Section F- 2703.6.1 entitled "NFPA 704 Label Specifications," is added and reads as follows:

Section F-2703.6.1 NFPA 704 Label Specifications: Labels when required shall be labeled as follows:

	TOTAL SIZE OF FOUR LABELS	EACH COLORED LABEL	HEIGHT OF NUMBERS	WIDTH OF NUMBERS	THICKNESS OR STROKE
ON BUILDING	30 square inches	15 square inches	9 inches	4.2 inches	15/16 inches
OUTSIDE TANK	20 square inches	10 square inches	6 inches	2.8 inches	5/6 inches
INSIDE TANK	15 inches	7.5 inches	4 ½ inches	2.1 inches	15/32 inches

All letters and numbers shall be reflective. Building labels shall be placed at a minimum of ten feet and not more than 12 feet from the ground.

The building label shall be placed on the front of the building. Additional building or tank label placement decisions to be determined by the Code Official. These signs shall be classified as official signs under the provisions of Section IX-5 of the Urbana Zoning Ordinance.