

**THE CITY OF LITCHFIELD PARK AMENDMENTS TO  
THE 2012 INTERNATIONAL CODES**

**Effective May 1, 2016**

## **AMENDMENTS TO THE INTERNATIONAL BUILDING CODE, 2012 EDITION**

**Section 101.1** is amended to read as follows:

**Section 101.1 Title.** Insert the words “City of Litchfield Park” as the name of the jurisdiction. Also add the following language, “The fees and administrative provisions of Chapter 1 of this Code shall apply to all adopted technical codes. When there is a conflict between these administrative provisions and those of another technical code, these provisions shall apply. When there is an administrative provision contained in another technical code and not in this code, then the administrative provision of the technical code shall apply.”

**Section 101.4** is amended to read as follows:

**Section 101.4 Referenced codes.** The other codes listed in Sections 101.4.1 through 101.4.8 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference.

**Section 101.4.1** is hereby deleted in its entirety and replaced with the following:

**Section 101.4.1 Gas.** The provisions of the International Fuel Gas Code, as adopted and amended, shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in this code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories.

**Section 101.4.2** is hereby deleted in its entirety and replaced with the following:

**Section 101.4.2 Mechanical.** The provisions of the International Mechanical Code, as adopted and amended, shall apply to the installation, alterations, repairs and replacement of mechanical systems, including equipment, appliances, fixtures, fittings and/or appurtenances, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators and other energy-related systems.

**Section 101.4.3** is hereby deleted in its entirety and replaced with the following:

**Section 101.4.3 Plumbing.** The provisions of the International Plumbing Code, as adopted and amended, shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system.

**Section 101.4.4** is deleted in its entirety.

**Section 101.4.5** is hereby deleted in its entirety and replaced with the following:

**Section 101.4.5 Fire prevention.** The provisions of the International Fire Code, as adopted and amended, shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression, automatic sprinkler systems and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

**Section 101.4.6 is hereby deleted in its entirety and replaced with the following:**

**Section 101.4.6 Energy.** The provisions of the International Energy Conservation Code, as adopted and amended, shall apply to all matters governing the design and construction of buildings for energy efficiency.

**Section 101.4.7** is added to read as follows:

**Section 101.4.7 Electrical.** Any references to NFPA 70 (National Electrical Code) shall be deleted and the words “Electrical Code adopted by the City of Litchfield Park and amended from time to time” shall be inserted in lieu thereof.

**Section 101.4.8** is added to read as follows:

**Section 101.4.8 Zoning.** Any references to the International Zoning Code shall be deleted and the words “Zoning Code adopted by the City of Litchfield Park and amended from time to time” shall be inserted in lieu thereof.

**Section 102.6** delete the words “the International Property Maintenance Code”.

**Section 103.3** last sentence is deleted.

**Section 105.2** Item 1 under “**Building**” is changed to read “is not greater than 200 square feet”.

**Section 105.2** Item 2 under “**Building**” is deleted.

**Section 105.2** Item 9 under “**Building**” is changed to read “less than 18 inches deep” in lieu of “less than 24 inches deep”.

**Section 105.5** is amended to read as follows:

**Section 105.5 Expiration.** Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned. Proof that work has been suspended or abandoned shall be determined if 180 days has passed since the last scheduled building inspection. The Building Official is authorized to

grant in writing a maximum of two (2) extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

**Section 107.3.1** is amended to read as follows:

**Section 107.3.1 Review of construction documents.** When the Building Official issues a permit, the construction documents shall be approved by stamp, as “Reviewed”. One set of construction documents so reviewed shall be retained by the Building Official. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the Building Official or a duly authorized representative.

**Section 109.2** is amended to read as follows:

**Section 109.2 Schedule of permit fees.** On buildings, structures, electrical, gas, mechanical, and plumbing systems or *alterations* requiring a *permit*, a fee for each permit and/or plan review shall be paid as required, in accordance with the current adopted City Permit Fee Resolution. Plan review fees shall be paid at time of permit application submittal. Permit fees shall be paid at time of permit issuance.

**Section 109.4** is amended by adding the following after the last sentence:

**Section 109.4 Work commencing before permit issuance.** The added fee shall be equal to the amount of the permit fee required by code. If the required building permit is not applied for within 30 calendar days of notification to obtain permit (reference “Stop Work Order/Permit Required Notice”), an additional \$100.00 per calendar day “Failure to Respond” fee will be required. If the City Design Review Board (DRB) approval is required, the 30 calendar days start at date of approval by DRB. The payment of such fee shall not exempt an applicant from compliance with all other provisions of either this code or other requirements, nor from any other penalty prescribed by law.

**Section 109.6** is amended to read as follows:

**Section 109.6 Refunds.** The Building Official shall only be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or collected.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or cancelled before any plan review examination time has been expended.

The Building Official shall not be permitted to authorize refunding of any fee paid except upon written application filed by the original permittee no later than 90 calendar days after the date of fee payment.

**Section 110.3.3** is amended to read as follows:

**Section 110.3.3 Lowest Floor Elevation.** Elevation certification required in Section 1612.5 shall be submitted when required by the Building Official and/or City's Engineer. If required, the certification shall be submitted for review prior to construction of the lowest floor level.

**Section 111.1** is amended to read as follows:

**Section 111.1 Use and Occupancy.** No building or structure shall be used, occupied, or furnished in whole or in part, and no change in the existing occupancy classification of a building or structure or portion thereof be made until the Building Official has issued a certificate of occupancy therefor and provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of this jurisdiction. Certificates presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

**Section 111.2.1** is added to read as follows:

**Section 111.2.1 Certificate of shell completion.** After final inspection and approval of a building for which the permit was issued for a "building shell", the Building Official shall issue a certificate of shell completion which shall contain the following:

1. The building permit number.
2. The address of the building.
3. The name and address of the owner.
4. A description of the building or that portion of the building for which the certificate is issued.
5. The name of the Building Official.
6. A statement that no portion of the building shall be occupied until tenant improvement permits are obtained and occupancy is approved.
7. The edition of the code under which the permit was issued.
8. The type of construction as defined in Chapter 6.
9. If an automatic sprinkler system is provided, whether the sprinkler system is required.
10. Any special stipulations and conditions of the building permit.
11. A statement that the responsibility for the building's compliance with the provisions of the City codes and the maintenance of the building rest exclusively with the permit applicant(s), agent(s) and the building's owner(s).

**Section 111.3** is amended to read as follows:

**Section 111.3 Temporary occupancy.** The Building Official is authorized to issue a temporary certificate of occupancy before the completion of the entire work covered by the permit, provided that such portion or portions shall be occupied safely. To ensure this,

a City inspection shall be required prior to issuance of this certificate. The Building Official shall set a time period during which the temporary certificate of occupancy is valid.

**Section 111.5** is added to read as follows:

**Section 111.5 Posting Certificate of Occupancy/Certificate of Shell Completion/Temporary Certificate of Occupancy.**

The “certificate of occupancy”/ “certificate of shell completion”/ “temporary certificate of occupancy” shall be posted in a conspicuous place on the premises and shall not be removed except by the Building Official.

**Section 113.3** is amended to read as follows:

**Section 113.3 Qualifications.** The board of appeals shall consist of five members who are qualified by experience and training to pass on matters pertaining to building construction and are not employees of the jurisdiction. Each member shall serve for two years or until they are re-appointed or replaced. At least one alternate member will be appointed who shall be called on by the Board Chairperson to hear appeals during the absence or disqualification of a member. The alternate member shall be appointed for two years, or until a successor has been appointed. The Building Official or appointee shall be an ex-officio member of said board, but shall have no vote on any matter before the board.

**Section 113.4** is added to read as follows:

**Section 113.4 Application for Appeal.** The application for appeal shall be filed in writing and submitted to the Building Official within 20 calendar days after the date of the initial “appeal” request.

**Section 113.5** is added to read as follows:

**Section 113.5 Notice of Meeting.** The board of appeals shall meet upon written notice from the Building Official or appointee, within 30 calendar days of the filing of an “appeal” application.

**Section 113.6** is added to read as follows:

**Section 113.6 Postponed Hearing.** When five board members are not present to hear an appeal, either the appellant or the appellant’s representative shall have the right to request a postponement of the hearing.

**Section 113.7** is added to read as follows:

**Section 113.7 Board Decision.** The board shall agree with, modify or reverse the decision of the Building Official or appointee by a majority vote of its members.

**Section 113.8** is added to read as follows:

**Section 113.8 Administration.** The Building Official or appointee shall take immediate action in accordance with the decision of the board.

**Section 114.2.1** is added to read as follows:

**Section 114.2.1. Notice of Violation Requirements.** Notices of violation of this Code shall be in writing and shall be served by personal service through certified mail with return receipt requested. Service shall be deemed complete upon delivery.

Notices of violation shall include, at a minimum, the following information:

- (a) Address and legal description of property in question;
- (b) Nature and extent of the violation in such detail as to allow the correction or abatement of the violation;
- (c) The name and telephone number of a city representative to contact concerning the violation;
- (d) Acceptable methods to correct or abate the violation;
- (e) Remedies available to the City to correct or abate the violation;
- (f) Procedures for the recipient to appeal the issuance of the notice.

Nothing in this Section shall preclude the Building Official from giving additional verbal or written information or notices. Nothing herein shall require the issuance of a notice of violation prior to commencement of emergency abatement or civil or criminal violation proceedings.

The City of Litchfield Park may record a notice of violation with the Maricopa County Recorder. A recorded notice of violation shall run with the land. Failure to record a notice of violation shall not affect the validity of the notice as to persons who receive the notice. When the property is brought into compliance, a satisfaction of notice of violation shall be filed at the request of the owner or responsible party at the requester's expense. A recorded notice of violation shall not constitute a lien against the property.

**Section 115** shall be amended to read: "Stop Work Order/Permit Required Notice".

**Section 115.1** is amended to read:

**Section 115.1 Authority.** Whenever the Building Official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code or dangerous, unsafe or working without a City building permit, the Building Official is authorized to issue a "Stop Work Order/Permit Required Notice".

**Section 115.2** is amended to read as follows:

**Section 115.2 Issuance.** The "Stop Work Order/Permit Required Notice" shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a "Stop Work Order/Permit Required Notice", the cited work shall immediately cease. The "Stop

Work Order/Permit Required Notice” shall state the reason for the order and notice, and the conditions under which the cited work will be permitted to resume.

**Section 115.3** is amended to read as follows:

**Section 115.3 Unlawful continuance.** Any person who shall continue any work after having been served with a “Stop Work Order/Permit Required Notice”, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as specified in Section 109.4. In addition, the City of Litchfield Park may record a notice of violation with the Maricopa County Recorder. A recorded notice of violation shall run with the land. Failure to record a notice of violation shall not affect the validity of the notice as to persons who receive the notice. When the property is brought into compliance, a satisfaction of notice of violation shall be filed at the request of the owner or responsible party at the requester’s expense. A recorded notice of violation shall not constitute a lien against the property.

**Section 201.4** is amended to read as follows:

**Section 201.4 Terms not defined.** Where terms are not defined through the methods authorized by this Section, such terms shall have ordinarily accepted meanings such as the context implies. Webster’s dictionaries of the English language shall be considered as providing ordinarily accepted meanings.

**Section 202 “Live/Work Unit”** definition is deleted.

**Section 202 “Sleeping Unit”** definition is amended to read as follows:

**Section 202 Sleeping Unit.** A room or space in which people sleep, which can also include permanent provisions for living, eating and either sanitation or kitchen facilities but not both. Such rooms and spaces that are part of a Group R-3 occupancy dwelling unit are not sleeping units.

**Section 308.3** is amended to read as follows:

**Section 308.3 Institutional Group I-1.** This occupancy shall include buildings, structures or portions thereof for more than 5 people who reside on a 24 hour basis in a supervised environment and receive *custodial care*. The persons receiving care are capable of self-preservation. This group shall include, but not be limited to, the following:

- Alcohol and drug centers
- Congregate care facilities
- Convalescent facilities
- Group homes*
- Halfway houses
- Residential board and *custodial care* facilities
- Residential care/assisted living facilities



Social rehabilitation facilities

A facility such as the above with 5 or fewer persons receiving such care, shall be classified as a Group R-4, Condition 1.

**Section 308.3.1** is deleted in its entirety.

**Section 308.3.2** is deleted in its entirety.

**Section 308.4** is amended to read as follows:

**Section 308.4 Institutional Group I-2.** This occupancy shall include buildings and structures used for medical care on a 24-hour basis for more than 5 persons who are *incapable of self-preservation*. This group shall include, but not be limited to, the following:

*Foster care facilities*

*Detoxification facilities*

*Hospitals*

*Nursing homes*

*Psychiatric hospitals*

*Residential care/assisted living facilities (providing supervisory, personal or direct care service on a 24-hour basis)*

A facility such as the above with 5 or fewer persons receiving such care, shall be classified as Group R-4, Condition 2.

**Section 308.4.1** is deleted in its entirety.

**Section 310.2** is amended by adding the following two definitions:

**DIRECT CARE SERVICE.** Care of residents, including personal care services, who are incapable of recognizing danger, summoning assistance, expressing need or making basic care decisions.

**SUPERVISORY CARE SERVICE.** General supervision, including daily awareness of resident functioning and continuing needs.

**Section 310.4** is amended to read as follows:

**Section 310.4 Residential Group R-2.** Residential occupancies containing *sleeping units* or more than two *dwelling units* where the occupants are primarily permanent in nature, including:

Apartment houses

Boarding houses (nontransient) with more than 10 occupants

Congregate living facilities (nontransient) with more than 10 occupants

Convents

Dormitories  
Fraternities and sororities  
Hotels (nontransient)  
Monasteries  
Motels (nontransient)  
Vacation timeshare properties

**Section 310.5** is amended to read as follows:

**Section 310.5 Residential Group R-3.** Residential occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4 or I, including:

Buildings that do not contain more than two dwelling units  
Boarding houses (nontransient) with 10 or fewer occupants  
Boarding houses (transient) with 10 or fewer occupants  
Congregate living facilities (nontransient) with 10 or fewer occupants  
Congregate living facilities (transient) with 10 or fewer occupants

**Section 310.5.1** is deleted in its entirety.

**Section 310.6** is amended to read as follows:

**Section 310.6 Residential Group R-4.** Reference amended Sections 308.3 and 308.4 for Group R-4 occupancy classification criteria.

**Section 406.3.4, Item 1** is deleted in its entirety and replaced with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 5/8-inch Type X gypsum board or equivalent applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. All horizontal separation supporting elements shall be covered with not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors or solid or honeycomb core steel doors not less than 1-3/8 inches (34.9 mm) thick, or doors in compliance with Section 716.5.3 with a labeled fire protection rating of not less than 20 minutes. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Doors shall be self-closing and self-latching.

**Section 419** is deleted in its entirety.

**ADD A NEW SECTION 425, GROUP R-4**

**Section 425, Group R-4**

**Section 425.1 Applicability.** The provisions of this Section shall apply to a building, or part thereof, classified as a Group R-4 occupancy as noted in amended Sections 308.3, 308.4 and 310.6.

**Section 425.2 General.** The building or portions of the building classified as a Group R-4 occupancy shall meet all the applicable provisions of a Group R-3 and may be constructed of any materials allowed by this code provided that the building does not exceed two stories in height nor located above the second story in any building. Also, the building shall not exceed 2000 square feet above the first story except as provided in Section 506.

**Section 425.3 Special Provisions.** Group R-4 occupancies having more than 2000 square feet of floor area above the first floor shall be of not less than one-hour fire-resistive construction throughout.

**Section 425.3.1 Mixed uses.** Group R-4 occupancies shall be separated from other uses as provided in Table 508.4

#### **Section 425.4 Accessibility and Means of Egress**

**Section 425.4.1 Accessibility.** Group R-4 occupancies shall be provided with at least one accessible route of travel per Chapter 11, "Accessibility". Sleeping rooms and associated toilets shall be accessible in compliance with Section 1107.6.4.

**Exception:** Existing buildings shall comply with Section 3411. Bathing and toilet facilities need not be made accessible, but shall be provided with grab bars in accordance with Chapter 11, "Accessibility".

**Section 425.4.2 Number of Exits.** Every story, basement or portion thereof shall have not less than two exits.

**Exception:** Basements and stories above the first floor containing no sleeping rooms may have one means of egress as provided in Chapter 10.

**Section 425.4.3 Distance to Exits.** The maximum travel distance shall comply with Section 1016.1, except that the maximum travel distance from the center point of any sleeping room to an exit in a Group R-4, Condition 2, occupancy shall not exceed 75 feet.

**Section 425.4.4 Emergency Exit Illumination.** In the event of a power failure, exit illumination shall be automatically provided from an emergency system powered by storage batteries or an onsite generator set installed in accordance with the City's Electrical Code.

**Section 425.4.5 Emergency Escape and Rescue.** Group R-4 occupancies shall comply with the requirements of Section 1029.

**Section 425.4.6 Delayed Egress Locks.** In Group R-4, Condition 2, occupancies, delayed egress locks shall be permitted in accordance with Section 1008.1.9.7, items 1,2,4,5 and 6.

**Section 425.5 Smoke Detectors and Sprinkler System.**

**Section 425.5.1 Smoke Alarms.** All habitable rooms and hallways in Group R-4 occupancies shall be provided with smoke alarms installed in accordance with Section 907.2.10.

**Section 425.5.2 Sprinkler Systems.** Group R-4 occupancies shall be provided with a sprinkler system installed in accordance with amended Sections 903.2.8.2 and 903.2.8.3 and NFPA 13R. Sprinkler systems installed under this Section shall be installed throughout, including attached garages and when installed in Group R-4, Condition 2, facilities, shall include attics and concealed spaces of or containing combustible materials. Such systems may not contain unsupervised valves between the domestic water riser control valve and the sprinklers. In Group R-4, Condition 2, occupancies, such systems shall contain water-flow switches electrically supervised by an approved supervising station, and shall sound an audible signal at a constantly attended location.

**Section 501.2** is amended to read as follows:

**Section 501.2 Address Identification.** New and existing buildings shall have address numbers, building numbers or building identification placed in a position that is plainly legible and visible from the street or road fronting the property in compliance with Section 505.1, I.F.C., as amended, or as approved by the Fire Code Official.

**Section 507.2** is deleted in its entirety.

**Section 903.2** is amended to read as follows:

**Section 903.2 Where required.** Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12 as amended herein, except for telecommunication buildings, existing structures and special amusement buildings as follows:

**Exceptions:**

- 1. Telecommunications building:** Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour fire barriers constructed in accordance with Section 707 of the International Building Code or not less than 2-hour horizontal assemblies constructed in accordance with Section 711 of the International Building Code, or both.

2. **Existing Structures:** An automatic sprinkler system shall not be required to be retrofitted in existing buildings where the occupancy is changed provided the new or proposed use is less hazardous, based on life safety and fire risk, than the existing use. The determination of whether the new or proposed use is less hazardous shall be made by the Fire Code Official in his/her discretion.
3. **Special Amusement Buildings:** Automatic sprinkler systems shall not be required for temporary special amusement buildings as noted in Section 411.4, unless required by the Fire Code Official.

**Section 903.2.2 is deleted in its entirety and replaced with the following:**

**Section 903.2.2 Ambulatory care facilities.** An automatic sprinkler system shall be provided for in ambulatory care facilities.

**Section 903.2.8.1 is amended to read as follows:**

**Section 903.2.8.1 Group R-3 including Group R-3 congregate and boarding residences.** An automatic sprinkler system installed in accordance with Section 903.3.1.3 and amended Section 903.2.8.5 shall be permitted in Group R-3 occupancies including Group R-3 congregate and boarding residences with ten (10) or fewer residents.

**Section 903.2.8.2 is deleted in its entirety and replaced with the following:**

**Section 903.2.8.2 Group R-4, Condition 1, Occupancy.** An *automatic sprinkler system* installed in accordance with Section 903.3.1.3 shall be permitted in reference to amended Section 308.3 and in compliance with amended Section 903.2.8.5.

**Section 903.2.8.3 is added to read as follows:**

**Section 903.2.8.3 Group R-4, Condition 2, Occupancy.** An *automatic sprinkler system* installed in accordance with Section 903.3.1.3 shall be permitted in reference to amended Section 308.4 and in compliance with amended Section 903.2.8.5.

**Section 903.2.8.4 is added to read as follows:**

**Section 903.2.8.4 Special Requirements for Group R-1 and Group R-2 Occupancies.** In Group R-1 and Group R-2 occupancies, sprinklers shall be installed in bathrooms, kitchens, and closet areas in excess of 24 square feet, rooms containing any electrical and/or mechanical equipment, foyers, attached garages, accessible areas under interior stairs and landings. Balconies and decks shall be protected in compliance with Section 903.3.1.2.1. In Group R-1 occupancies, sprinklers shall be installed in attics and concealed spaces containing combustibles.

**Section 903.2.8.5 is added to read as follows:**

**Section 903.2.8.5 Special Requirements for Group R-3 and Group R-4**

**Occupancies.** In Group R-3 and Group R-4 occupancies, sprinklers shall be installed in bathrooms, kitchen, and closet areas in excess of 24 square feet, rooms containing any electrical and/or mechanical equipment, foyers, attached garages, accessible areas under interior stairs and landings.

In Group R-4, Condition 1 and Condition 2 occupancies, sprinkler systems shall include installation in attics and concealed spaces containing combustible materials. Such systems may not contain unsupervised valves between the domestic water riser control valve and the sprinklers. In Group R-4, Condition 2 occupancies, such systems shall contain water-flow switches electrically supervised by an approved supervision central station, and shall sound an audible signal at a constantly attended location.

**Section 903.3.1.1.2** is added to read as follows:

**Section 903.3.1.1.2 Accessory exempt locations.** An automatic sprinkler system shall not be required in the following buildings, rooms or areas:

- A. Detached storage sheds, detached private garages, detached gazebos and ramadas for private, non-commercial uses not exceeding 1,500 square feet.
- B. Detached restroom buildings at parks, golf courses and similar locations not exceeding 1,500 square feet with storage areas not exceeding 100 square feet.
- C. Non-combustible detached gazebos, ramadas and greenhouses for public use not exceeding 1,500 square feet.
- D. Non-combustible detached fuel dispensing canopies, non-combustible detached wash racks, non-combustible canopies with flame retardant sunscreen.
- E. Agricultural buildings, animal shelters, greenhouses, grain silos and barn accessories to a residential occupancy not exceeding 1,500 square feet with no habitable space.
- F. Detached hay barns with no accessory storage or uses and no habitable areas.
- G. Open shade horse stalls of non-combustible construction for private, non-commercial use not exceeding 5,000 square feet with no storage of combustible products, vehicles, or agricultural equipment.
- H. Detached non-combustible carports for residential and commercial developments with covered parking. Each non-combustible carport shall not exceed 2,000 square feet and shall be separated a minimum of ten (10) feet from the main building. Where there are a group of carports and each one does not exceed 2,000 square feet, the minimum separation required between carports shall be ten (10) feet.
- I. Temporary tents and membrane structures for approved special events.
- J. Detached temporary modular sales offices.
- K. Special use structures as approved by the Fire Code Official.

**Section 903.3.1.3** is amended to read as follows:

**Section 903.3.1.3 NFPA 13D sprinkler systems.** Automatic sprinkler systems installed in one-and-two family dwellings and in townhomes classified as Group R-3

occupancies shall be permitted to be installed throughout in accordance with the NFPA 13D. Automatic sprinkler systems for required one-and-two family dwellings designed in accordance to the International Residential Code shall be permitted to be designed in accordance to P2904 of the International Residential Code. Automatic sprinkler systems designed in accordance with NFPA 13D or Section P2904 of the International Residential Code shall provide additional protection as required in amended Section 903.2.8.5.

**Section 903.3.7** is added to read as follows:

**Section 903.3.7 Fire department connections.** Unless waived by the Fire Code Official or exempted by the NFPA 13 or 13R standards, approved fire department connections are required on automatic sprinkler systems designed in accordance with NFPA 13 or NFPA 13R in the locations approved by the Fire Code Official and in accordance with the City of Goodyear Engineering Design Standards and Policies Manual. Automatic sprinkler systems designed in accordance with NFPA 13D and Section P2904 of the International Residential Code are not required to have a fire department connection.

**Section 903.4.2** is amended to read as follows:

**Section 903.4.2 Alarms.** An approved audible device, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.

Where a fire alarm system is not required and the automatic sprinklers system is being supervised, at least one manual fire alarm box shall be provided at an approved location to initiate the fire alarm signal.

**Section 912.5** is amended to read as follows:

**Section 912.5 Backflow protection.** The potable water supply to automatic sprinkler and standpipe systems shall be protected against backflow as required by the plumbing code as adopted by the City of Litchfield Park and the City of Goodyear Engineering Design Standards and Policies Manual.

**Section 1007.2.1** is amended as follows:

**Section 1007.2.1 Elevators required.** In buildings with a use and occupancy classification other than Institutional Group I, where a required accessible floor is four or more stories above or below a level of exit discharge, at least one required accessible means of egress shall be an elevator complying with Section 1007.4.

The exceptions remain unchanged.

**Section 1007.2.2** is added as follows:

**Section 1007.2.2 Elevators for Institutional Group I Occupancy.** At least one elevator complying with Section 1007.4 shall be provided in buildings with two or more stories above or below a level of exit discharge, if all or part of the use and occupancy classification for such building is Institutional Group I.

**Section 1101.2** is amended to read as follows:

**Section 1101.2 Design.** Buildings and facilities shall be designed and constructed to be accessible in accordance with this code, ICC A117.1-2009 and 2010 ADA Standards for Accessible Design. In the event of conflict, the more restrictive requirements shall apply.

**Section 1103.2.6** is amended by adding the following sentences:

**Section 1103.2.6 Construction Sites.** The public portions of temporary sales offices/trailers are required to be accessible. There shall be accessible parking and an accessible route of travel from the accessible parking aisle to the sales office/trailer and throughout the public portion of the sales offices/trailer, including the design center. Accessible toilet rooms shall be provided according to this code.

**Section 1211** is added to read as follows:

**Section 1211 Sound Attenuation.** Buildings shall meet the following minimum acoustic design requirements for the exterior envelope, due to proximity of Luke Air Force Base.

1. Exterior wall penetrations by pipes, ducts or conduits shall be caulked.
2. Mailboxes shall not be used through the door or wall.
3. Windows shall have a sound transmission rating of STC-28. All operable windows shall be weather stripped and airtight in accordance with ASTM E-283-65-T Standard. Perimeter window frames shall be sealed to airtight specifications.
4. All non-glazed portions of exterior side-hinged doors shall be solid-core wood or insulated hollow metal or at least one and three-quarters inch thick and fully weather stripped. The perimeter door frames shall be sealed to airtight specifications.
5. Fireplaces shall be provided with well-fitting dampers, unless otherwise prohibited by appliance listing or elsewhere in the Code.
6. Exterior wall shall be at least four inches in nominal depth and shall be finished on the outside with block, siding, sheathing, or stucco on one-inch Styrofoam. Fiberglass or cellulose insulation at least three and one-half inches thick shall be installed continuously throughout the cavity space behind the wall. Total insulation R-value of the exterior wall assembly shall be R-18.
7. Attics and roof rafter spaces shall be insulated with a minimum insulation R-value of at least R-38.



These sound attenuation requirements do not apply to ancillary buildings used for agricultural purposes.

For existing buildings, the following criteria shall be used:

If the gross floor area of a building is expanded by less than fifty percent, the requirements of this Section shall apply only to the area of expansion. If the gross floor area of a building is expanded by fifty percent or more, the requirements of this Section shall apply to the entire building.

If the specified requirements of this Section are not met, the Building Official may approve as an alternative, a signed certification by an architect or engineer that a maximum interior noise level of forty-five (45) decibels at time of final construction was achieved by approved testing.

**Section 1705.4** is amended to read as follows:

**Section 1705.4 Masonry Construction.** The following exceptions shall be added:

**Exception 4:** Masonry fences six feet or less in height above grade.

**Exception 5:** Masonry retaining walls four feet or less in height measured from the bottom of footing to top of wall, unless supporting a surcharge or impounding flammable liquids and/or other hazardous materials.

**Section 3002.4** is deleted in its entirety and replaced with the following:

**Section 3002.4 Elevator car to accommodate ambulance stretcher.** Where elevators are provided in buildings four or more stories above, or four or more stories below, a level of exit discharge pursuant to amended Section 1007.2.1 or where elevators are provided in buildings two or more stories above or below a level of exit discharge pursuant to amended Section 1007.2.2, at least one elevator shall be provided for fire department emergency access to all floors. The elevator car shall be of such a size and arrangement to accommodate an ambulance stretcher 24 inches by 84 inches (610mm by 2134 mm) with not less than 5-inch (127 mm) radius corners, in the horizontal, open position and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than 3 inches (76 mm) in height and shall be placed inside on both sides of the hoistway door frame.

**Section 3109.3** is deleted in its entirety and replaced with the following:

**Section 3109.3 Public swimming pools.** Public swimming pools shall be installed pursuant to Arizona Annotated Revised Statutes §36-1681.

**Section 3109.4** is deleted in its entirety and replaced with the following:

**Section 3109.4 Residential Swimming pools.** “Residential swimming pools” shall be installed pursuant to Appendix G, “Swimming Pools, Spas, and Hot Tubs”, International Residential Code, as amended.

**Section 3401.3 Compliance,** delete the words “International Property Maintenance Code, International Private Sewage Disposal Code”.

## AMENDMENTS TO THE INTERNATIONAL FIRE CODE, 2012 EDITION

**Section 101.1** is modified to insert the name of the jurisdiction.

**Section 101.1 Title.** Insert the words “City of Litchfield Park” as the name of the jurisdiction.

**Section 102.5** is amended to read as follows:

**Section 102.5 Application of residential code.** Where structures are designed and constructed in accordance with the *International Residential Code* for One and Two-Family Dwellings as adopted and amended by the governing authority, the provisions of this code shall apply as follows:

1. Construction and design provisions: Provisions of this code pertaining to the structure shall apply including, but not limited to, premises identification, fire apparatus access, water supplies, fire suppression systems and fire alarm systems. Where interior or exterior systems or devices are installed, construction permits required by Section 105.7 and all subsections therein shall also apply.
2. Administrative, operational and maintenance provision: All such provisions of this code shall apply.

**Section 102.7** is hereby amended to read as follows:

**Section 102.7 Referenced codes and standards.** The codes and standards referenced in this code shall be those that are listed in Chapter 80, and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference and as further regulated in amended Section 102.7.1.

Any references to the International Fire Code shall be referenced herein as meaning the “International Fire Code adopted by the City of Litchfield Park and amended from time to time.”

Any references to the Electrical Code or the International Code Council (ICC) Electrical Code shall be referenced herein as meaning the “NFPA 70: National Electrical Code (NEC) adopted by the City of Litchfield Park and amended from time to time.”

Any references to the International Plumbing Code shall be referenced herein as meaning the “Plumbing Code adopted by the City of Litchfield Park and amended from time to time.”

Any references to the International Fuel Gas Code shall be referenced herein as meaning the “Fuel Gas Code adopted by the City of Litchfield Park and amended from time to time.”

Any references to the International Mechanical Code shall be referenced herein as meaning the “Mechanical Code adopted by the City of Litchfield Park and amended from time to time.”

Any references to the International Building Code shall be referenced herein as meaning the “Building Code adopted by the City of Litchfield Park and amended from time to time.”

Any references to the International Residential Code shall be referenced herein as meaning the “Residential Code adopted by the City of Litchfield Park and amended from time to time.”

Any references to the International Zoning Code shall be referenced herein as meaning the “Zoning Code adopted by the City of Litchfield Park and amended from time to time.”

Any references to the Americans with Disabilities Act (ADA) Standards shall be referenced herein as meaning the 2010 ADA Standards for Accessible Design and the International Code Council (ICC) A117.1-2009 standard as referenced by the International Building Code. In the event of conflict, the more restrictive requirements shall apply.

**Section 102.7.1** is deleted in its entirety and replaced with the following:

**Section 102.7.1 Conflicts.** Where conflicts occur between provisions of this code and standards referenced in this code or between the provision of this code and any state, local and/or federal laws, rules, and regulations, including by way of example, the City of Goodyear Engineering Design Standards and Policies as adopted and amended and technical codes as adopted and amended, the most restrictive requirements apply.

**Exceptions:**

1. Where enforcement of a code provision would violate the conditions of the listing of equipment or appliances, the conditions of the listing and manufacturer’s instructions shall apply.
2. Where there is a provision contained in another technical code as adopted and amended that is not addressed in this code, then the provision of the technical code shall apply.

**Section 102.7.2 Provisions in referenced codes and standards** is deleted in its entirety.

**Section 104.6** is hereby deleted in its entirety and replaced with the following:

**Section 104.6 Official Records.** The fire code official shall keep official records as required by Sections 104.6.1 through 104.6.4 and all other records required to be

retained by law. Such Official records shall be retained in the official records for the period required for retention of public records.

**Section 105.1.1 Permits** required is hereby amended by adding the following sentence to the end of this section:

Permits are non-transferable and any change in occupancy, operation, tenancy or ownership shall require a new permit.

**Section 105.2** is deleted in its entirety and replaced with the following:

**Section 105.2 Application.** To obtain a *permit*, the applicant shall submit a written application, all required supporting documentation and all applicable fees in accordance with the applicable requirements set forth in the City of Goodyear Administrative Process Manual as adopted and amended by the governing authority and as supplemented herein. If the applicable permit application requires the disclosure of occupancy classifications, the application shall indicate the proposed occupancy classifications for all parts of the building and of that portion of the site or lot, if any not covered by the building or structure.

**Section 105.2.1 Refusal to issue permit** is hereby amended as follows:

The last sentence in this section shall read: Such refusal shall be in writing and shall contain the reasons for refusal.

**Section 105.2.3** is deleted in its entirety and replaced with the following:

**Section 105.2.3 Time limitation of application.** In the event a permit has not been issued or an application for a permit has not been denied, an application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, except that the fire code official is authorized to grant one or more extensions of time for additional periods not exceed 90 days each. The extension shall be requested in writing and justifiable cause demonstrated before any extension is granted.

**Section 105.2.4** is deleted in its entirety and replaced with the following:

**Section 105.2.4 Action on application.** The fire code official shall examine or cause to be examined applications for permits and amendments thereto in accordance with the requirements set forth in the City of Goodyear Administrative Process Manual as adopted and amended by the governing authority as supplemented herein. If the application and/or supporting documentation does not conform to the requirements of applicable laws, the fire code official shall reject such application in writing stating the reasons therefor. If the fire code official is satisfied that the proposed work conforms to the requirements of this code and laws and ordinances applicable thereto and all applicable fees have been paid, the fire code official shall issue a permit therefor as soon as practicable.

**Section 105.3.1** is deleted in its entirety and replaced with the following:

**Section 105.3.1 Expiration.** Every permit issued shall expire by limitation and become null and void if the work authorized by such permit is not commenced within 180 days after its issuance or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the work is commenced. Notwithstanding the foregoing, a permittee holding an unexpired permit shall have the right to apply in writing to extend the expiration deadlines set forth herein. The fire code official is authorized to grant, in writing, one extension of time for a period of not more than 180 days provided that the permittee has demonstrated in writing that no changes have been made or will be made in the original construction documents for the permitted work and that justifiable cause exists for the failure to commence the work within 180 days or for the suspension or abandonment of the work after it was commenced. The fee for the extension shall be the cost of reviewing the application at a rate of \$100.00 per hour with a minimum charge of one hour. In order to renew action on a permit after expiration, a new full permit fee shall be paid based on the current fee schedule adopted by the City.

**Section 105.3.2 Extensions** is hereby deleted in its entirety.

**Section 105.4.1** is deleted in its entirety and replaced with the following:

**Section 105.4.1 Submittals.** Construction documents and supporting data shall be submitted in accordance with the applicable requirements set forth in the City of Goodyear Administrative Process Manual as adopted and amended by the governing authority and in accordance with the requirements set forth in Sections 105.4.2 through 105.4.3 and all subsections therein, and in Section 107.3.4 and all subsections therein of the International Building Code as adopted and amended by the governing authority, as applicable and as otherwise supplemented herein. In the event of a conflict, the most restrictive provisions shall apply. All construction documents and supporting data shall be prepared by a professional registrant with the Arizona Board of Technical registration, or in lieu of being designed by a professional registrant with the Arizona Board of Technical registration, fire sprinkler installation drawings shall bear a review certification of a minimum Level III National Institute for the Certification of Engineering Technologies (NICET) in Fire Sprinkler Systems, and fire alarm installation drawings shall bear a review certification of a minimum Level III National Institute for the Certification of Engineering Technologies (NICET) in Fire Alarm Systems.

**Exception:** The building official shall have the authority to waive the submission of construction documents, calculations or other data if the nature of the work applied for is such that the reviewing of construction documents is not necessary to determine compliance with this code and the authority to waive the requirement that construction documents, calculations and or other data be prepared and designed by a professional registrant if compliance with the requirements of this code can be determined by the Building Official.

**Section 105.4.4.2** is amended to read as follows:

**Section 105.4.4.2 Record Electronic Files.** CAD files (.dwg) shall be provided in the latest commercially available release of AutoCAD. Drawings are to be purged of all extraneous information, shall be “bound” to **insert** all reference files, shall be accompanied by any non-native fonts, and shall be free of complex file pathing which complicates file opening when transferred from the CDRom. Binding of reference files shall be done using AutoCAD’s SREF “**insert**” option so as to avoid layer and block name corruption. Other formats may be submitted with approval from the Fire Code Official.

**Section 105.6** is modified to read as follows:

**Section 105.6 Required Operational Permits.** The Fire Code Official is authorized to issue operational permits for the operations set forth in the following amended subsections unless contained in a construction permit issued by Building Safety Department for the same.

**Section 105.6.3** is amended to read as follows:

**Section 105.6.3 Aviation facilities.** In addition, an annual operation permit is required by the Fire Department to use Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles.

**Section 105.6.15** is deleted in its entirety and replaced with the following:

**Section 105.6.15 Fire Hydrants and Valves.** Except for authorized employees of the City of Goodyear Fire Department or any fire department that is subject to a mutual aid agreement with the City of Litchfield Park for the assistance in responding to fires and other types of emergency incidents, an operational permit is required to use or operate fire hydrants or valves intended for fire suppression purposes that are installed on the City of Litchfield Park water system and accessible to a fire apparatus access road that is open to or generally used by the public. Approval to use or operate fire hydrants or valves that are part of private water company’s water system is regulated by the private water company.

**Section 105.6.16** is amended to read as follows:

**Section 105.6.16 Flammable and Combustible Liquids.** In addition, an annual operation permit is required by the Fire Department.

**Section 105.6.20** is amended to read as follows:

**Section 105.6.20 Hazardous Materials.** In addition, an annual operational permit is required by the Fire Department to store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in Table 105.6.20. Hazardous Materials Assessment Fee shall be required for the annual inventory assessment, administrative process and code research activities.

**Section 105.6.27, LP-gas** is hereby amended by deleting item 2, "operation of cargo tankers that transport LP-gas."

**Section 105.6.43** is modified to read as follows with the exceptions unchanged:

**Section 105.6.43 Temporary membrane structures, tents and canopies.** An operational permit is required to operate an air-supported temporary membrane structure having an area in excess of 400 square feet, a tent having an area in excess of 400 square feet, or a canopy in excess of 700 square feet. No temporary membrane structure, tent or canopy as noted herein shall be erected, operated or maintained for any purpose without first obtaining a permit and approval from the Fire Code Official. Membrane structures, tents and canopies grouped together shall be considered as one unit unless separated by at least 12 feet.

**Exceptions:**

1. Tents used exclusively for recreational camping purposes.
2. Tents open on all sides, which comply with all of the following:
  - 2.1. Individual tents having a maximum size of 700 square feet (65m<sup>2</sup>); and
  - 2.2. The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet (3658 mm) shall not exceed 700 square feet (65 m<sup>2</sup>) total; and
  - 2.3. A minimum clearance of 12 feet (3658 mm) to structures and other tents shall be provided.

**Section 105.6.47** is added as follows:

**Section 105.6.47 Carbon dioxide systems used in beverage dispensing applications.** An operational permit is required for carbon dioxide systems used in beverage dispensing applications having more than 100 pounds of carbon dioxide.

**Section 105.7.16** is modified to read as follows with the exceptions unchanged:

**Section 105.7.16 Temporary membrane structures, tents and canopies.** A construction permit is required to operate an air-supported temporary membrane structure having an area in excess of 400 square feet, a tent having an area in excess of 400 square feet, or a canopy in excess of 700 square feet. No membrane structure, tent or canopy shall be erected, operated or maintained for any purpose without first obtaining a permit and approval from the Fire Code Official. Membrane structures, tents and canopies grouped together shall be considered as one unit unless separated by at least 12 feet.



**Exceptions:**

1. Tents used exclusively for recreational camping purposes.
2. Tents open on all sides, which comply with all of the following:
  - 2.1. Individual tents having a maximum size of 700 square feet (65m<sup>2</sup>); and
  - 2.2. The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet (3658 mm) shall not exceed 700 square feet (65 m<sup>2</sup>) total; and
  - 2.3. A minimum clearance of 12 feet (3658 mm) to structures and other tents shall be provided.

**Section 105.7.17** is added to read as follows:

**Section 105.7.17 Gate access automatic control device.** A construction permit is required for the installation of automatic gates across fire department access roads.

**Section 108 Board of Appeals** is deleted in its entirety and replaced with Section 113, as amended in the International Building Code.

**Section 109.1** is deleted in its entirety and replaced with the following:

**Section 109.1 Unlawful acts.** It shall be unlawful for:

1. Any person to erect, construct, install, alter, extend, repair, move, remove, demolish any building, structure, premises, system or equipment regulated by this code in violation of any of the provision of this code; or to cause or allow same to be done;
2. Any person to erect, construct, install, alter, extend, repair, move, remove, or demolish any building, structure, premises, system or equipment in violation of approved construction plans or any direction of the fire code official or of a permit or certificate issued under the provisions of this code or to cause or allow same to be done;
3. Any person to occupy or use any building, structure, premises, system, or equipment regulated by this code in violation of any provisions of this code or any direction of the fire code official or of a permit or certificate issued under the provisions of this code, or to cause or allow same to be done;
4. Any Owner to fail to take actions necessary to correct conditions in any building, structure, or equipment regulated by this code that is in violation of any provisions to bring such building, structure or equipment in compliance with the provisions of this code;
5. Any person to violate or fail to comply with notices and orders issued pursuant to the enforcement of this code, including by way of example, but not limitation, provisions of notices of violations, notices of unsafe conditions, and stop work

orders.

**Section 109.3** is deleted in its entirety and replaced with the following:

**Section 109.3 Notice of violation.** Whenever the fire code official determines that there has been a violation of this code or has grounds to believe that a violation has occurred, the fire code official may provide a written warning by attaching the warning in a conspicuous place in or about the structure affected by such notice. Such warnings shall include at least the following, a description of the real estate sufficient for identification, description of the violation(s) and why the notice is being issued and the corrective actions that need to be taken. Whenever the fire code official determines that there has been a violation of this code or has grounds to believe that a violation has occurred and the fire code official wants to prosecute such violation, a notice of the violation shall be given to the person(s) responsible for the violation as prescribed in section 109.3.1 below and the notice of violation shall be in accordance with all of the following:

1. Be in writing.
2. Include a description of the real estate sufficient for identification.
3. Include a statement of the violation or violations and why the notice is being issued.
4. Correction orders shall be included in the notice which shall provide a reasonable time to make the repairs and improvements required or to take other such actions needed for compliance with the provisions of this code.
5. Include information on the right to appeal the notice of violation.
6. Include a statement of the right to file a lien in accordance with the provisions of Section 109.3.3 Prosecution of violation.

**Section 109.3.1** is added as follows:

**Section 109.3.1 Service.** A notice of violation or order prescribed in Section 109.3 shall be deemed to be served if a copy of the notice or order is:

1. Delivered personally; or
2. Sent by certified or first class mail with return receipt requested addressed to the last known address; or
3. If the notice or order is returned showing that the notice or order was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice or order.
4. For unattended or abandoned locations, a copy of such notice of violation shall be posted on the premises in a conspicuous place at or near the entrance to such premises and the notice of violation shall be mailed by certified mail with return receipt requested to the last known address.

If more than one person owns a building or structure that is the subject of a notice or order service to just one of the owners satisfies the requirement of providing the

owner notice.

Service of a notice or order in the foregoing manner upon an owner's agent, or upon the person responsible for the structure shall constitute service of notice upon the owner.

**Section 109.3.3** is deleted in its entirety and replaced with the following:

**Section 109.3.3 Prosecution of violation.** Any person failing to comply with a notice of violation or order prepared and served in accordance with Sections 109.3 and 109.3.1 shall be deemed guilty of a misdemeanor and shall be subject to the penalties as prescribed by law. Such violations shall be deemed a strict liability offense. If the notice of violation is not complied with the fire code official is authorized to request legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity (or both) to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the structure in violation of the provision of this code or of the order or direction made pursuant thereto. Any action taken by the authority having jurisdiction on such premises shall be charged against the real estate upon which the structure is located and shall be a lien upon such real estate.

**Section 109.3.5** is added as follows:

**Section 109.3.5 Transfer of ownership.** It shall be unlawful for the owner of any building or structure who has received a notice of violation or order or upon whom a notice of violation or order has been served to sell, transfer, mortgage, lease or otherwise dispose of such building or structure to another until the provisions of the notice of violation or order have been complied with or until such owner shall first furnish the grantee, transferee, mortgagee or lessee a true copy of any notice of violation or order issued by the building official and shall furnish to the building official a signed and notarized statement that the grantee, transferee, mortgagee or lessee, acknowledging the receipt of such notice of violation or order and fully accepting responsibility without condition for making the correction of repairs required by such notice of violation or order.

**Section 109.4** is deleted in its entirety and replaced with the following:

**Section 109.4 Violation penalties.** Any person who violates a provision of this code or fails to comply with any of the requirements thereof; erects, constructs, alters, or repairs a building or structure in violation of the approved construction documents or directive of the fire code official or of a permit or certificate issued under the provisions of this code; or who fails to comply with a notice of violation or order prepared and served in accordance with Sections 109.3 and 109.3.1 shall be deemed guilty of a misdemeanor and shall be subject to the penalties as prescribed by law. Violations shall be deemed a strict liability offense. Each day that a violation continues after due notice has been served shall be deemed a separate offense

**Section 113.1** is added as follows:

**Section 113.1 Imminent danger.** Where an imminent danger exists, the fire code official shall not be required to give a written notice prior to stopping work.

**Section 111.4** is deleted in its entirety and replaced with the following:

**Section 111.4 Unlawful continuances.** Upon issuance of a stop work order, the cited work shall immediately cease. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subjected to the penalties as prescribed by law.

**Section 113.1** is deleted in its entirety and replaced with the following:

**Section 113.1 Fees.** A permit shall not be issued and shall not be valid until all fees prescribed by law have been paid, nor shall an amendment to a permit be released until all additional fees, if any, have been paid. All permit fees and plan review views shall be paid at the time of application supplemental. If the fees paid at the time of application are based on estimates, final fee adjustments will be made and any additional fees owed shall be made prior to the issuance of the applicable permits.

**Section 113.2** is deleted in its entirety and replaced with the following:

**Section 113.2 Schedule of permit fees.** The fees for each permit shall be paid in accordance with the schedule as established by the applicable governing authority, including the fees set forth in the International Building Code as adopted and amended by the governing authority.

**Section 113.3** is deleted in its entirety and replaced with the following:

**Section 113.3 Work commencing before permit issuance.** Any person who commences any work, activity, or operation regulated by this code before obtaining the necessary permits shall be subject to an additional fee equal to 100% of the amount of the permit fee(s) required for the permit(s) necessary for the work performed, which will result in double the amount of the adopted permit fees being paid when work is commenced before the appropriate permits have been obtained. The payment of such fee shall not exempt an applicant from complying with the provisions of either this code or other applicable requirements nor does it exempt an applicant from any other penalties prescribed by law.

**Section 113.5** is deleted in its entirety and replaced with the following:

**Section 113.5 Refunds.** The fire code official shall be permitted to authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than 65 percent (65%) of the permit fee paid when no work has been done under a permit issued in accordance with this code.
3. Not more than 65 percent (65%) of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any examination time has been expended.

The fire code official shall not authorize refunding of any fee paid except upon written application filed by the original permittee not later than 90 days after the date of fee payment.

**Section 201.1** is deleted in its entirety and replaced with the following:

**Section 201.1 Scope.** Unless otherwise expressly stated, the following words and terms shall, for the purposes of this code, have the meaning shown in this chapter regardless of whether the words are italicized, capitalized, or otherwise designated in the text as being a defined term.

**Section 202** General definitions is amended as follows:

### **Section 202 General Definitions**

**CONFLICT:** A situation in which it is impossible to comply with provisions applicable to the same subject; a conflict does not exist when different provisions address the same subject and can be complied with without violating either provision.

**EASEMENT:** That portion of land or property reserved for present or future use by a person or agency other than the legal fee owner(s) of the property. The easement shall be permitted to be for use under, on or above said lots.

**IMMINENT DANGER:** A condition which would cause serious or life-threatening injury or death at any time.

**INSTITUTIONAL GROUP I-1.** This occupancy shall include buildings, structures or parts thereof for more than 5 persons who reside on a 24-hour basis in a supervised environment and receive custodial care. The persons receiving care are capable of self-preservation. This group shall include, but not be limited to, the following:

- Alcohol and drug centers
- Congregate care facilities
- Convalescent facilities
- Group homes

Half-way houses  
Residential board and custodial care facilities  
Residential care/assisted living facilities  
Social rehabilitation

A facility such as the above with 5 or fewer persons shall be classified as Group R-4, Condition 1.

**INSTITUTIONAL GROUP I-2.** This occupancy shall include buildings and structures used for medical care on a 24-hour basis for more than 5 persons who are not capable of self-preservation. This group shall include, but not be limited to, the following:

Foster care facilities  
Detoxification facilities  
Hospitals  
Nursing homes  
Psychiatric hospitals  
Residential care/assisted living facilities (providing supervisory, personal or direct care on a 24-hour basis)

A facility such as the above with 5 or fewer persons shall be classified as Group R-4, Condition 2.

**OPERATOR.** Any person who has charge, care or control of a structure or premises which is let or offered for occupancy.

The definition of **OWNER** is deleted in its entirety and replaced with the following:

**OWNER.** Any person, agent, operator, firm or corporation having a legal or equitable interest in the property; or recorded in the official records of the state, county or municipality as holding title to the property; or otherwise having control of the property, including the guardian of the estate of any such person and the executor or administrator of the estate of such person if ordered to take possession of real property by a court.

The definition of **PERSON** is deleted in its entirety and replaced with the following:

**PERSON.** An individual, corporation, partnership or any other group acting as a unit.

**PREMISES.** A lot, plot or parcel of land, easement or public way including any structures thereon.

**RESIDENTIAL GROUP R-2.** Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature, including:

Apartment houses  
Boarding houses (nontransient) with more than 10 occupants  
Congregate living facilities (nontransient) with more than 10 occupants  
Convents  
Dormitories  
Fraternities and sororities  
Hotels (nontransient)  
Monasteries  
Motels (nontransient)  
Vacation timeshare properties

**RESIDENTIAL GROUP R-3.** Residential occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4 or I, including:

Buildings that do not contain more than two dwelling units  
Boarding houses (nontransient) with 10 or fewer occupants  
Boarding houses (transient) with 10 or fewer occupants  
Congregate living facilities (nontransient) with 10 or fewer occupants  
Congregate living facilities (transient) with 10 or fewer occupants.

**RESIDENTIAL GROUP R-4,** reference amended definitions “Institutional Group I-1” and “Institutional Group I-2”.

**STRICT LIABILITY OFFENSE.** An offense in which the prosecution in a legal proceeding is not required to prove criminal intent as part of its case. It is enough to prove that the defendant either did an act which was prohibited or failed to do an act which the defendant was legally required to do.

**TEMPORARY.** Temporary permits or approvals shall not exceed 90 days unless approved by the Fire Code Official.

**Section 503.1.1, Exceptions** one (1) and three (3) are deleted.

**Section 503.3** is modified to read as follows:

**Section 503.3 Marking.** Where required by the Fire Code Official, approved signs or other approved notices or markings that include the words “NO PARKING – FIRE LANE” shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Signage shall be in accordance with the City of Goodyear Engineering Design Standards and Policies Manual. Signs shall be installed perpendicular and double sided when placed on one side of a fire apparatus access road. The means by which fire lanes are designated shall be

maintained in a clean and legible condition at all times and replaced or repaired when necessary to provide adequate visibility.

In addition to or in lieu of the required fire lane signage the Fire Code Official may approve curb, street or driveway painted red to indicate fire lane and labeled "FIRE LANE NO PARKING" in white block letters 3 inches (76.2mm) in height, 3/4 inch (19.5mm) stroke on the vertical face of the curb to indicate fire lane. Lettering shall not be greater than 50'0" (15.24m) apart and shall be posted at the beginning and end of the fire lane.

**Section 503.7** is added to read as follows:

**Section 503.7 Key switch and sensor preemption location and type.** A key switch and preemption sensor shall be required on all electric entry control gates. Key switch shall be installed in a location on the gate control panel that is readily visible and accessible. In the event that there is power failure, the gate shall fail to the open position.

**Section 505.1 Address Identification** is deleted in its entirety and replaced with the following:

**Section 505.1 Address Identification.** New and existing buildings shall have *approved* address numbers, building numbers or *approved* building identification placed in a position that is plainly legible and visible from the street or road fronting the property. Landscaping or structures cannot obscure addresses or required signage. These numbers shall contrast with their background and shall be weather resistant. Where required by the *fire code official*, address numbers shall be provided in additional *approved* locations to facilitate emergency response. Address numbers shall be Arabic numbers or alphabetical letters. Unless otherwise provided herein, numbers shall be a minimum of 4 inches (101.6 mm) high with a minimum stroke width of 0.5 inch (12.7 mm). Where access is by means of a private road and the building cannot be viewed from the *public way*, a monument, pole or other sign or means shall be used to identify the structure. Address numbers shall be maintained and sized in accordance with the following:

1. One and two-family dwellings and commercial businesses being conducted in a one or two-family dwelling shall require minimum 4" high numbers or letters with a minimum 5/8 inch stroke width.
2. Triplexes, multifamily dwellings and commercial buildings located less than 75 feet from a public right-of-way (the street on which the property is addressed) shall post minimum 12 inch numbers or letters having a minimum 2 inch stroke width.
3. Triplexes, multifamily dwellings and commercial buildings located 75 feet to 200 feet from a public right-of-way (the street on which the property is addressed) shall post minimum 16 inch numbers or letters having a minimum 3 inch stroke width.



4. Triplexes, multifamily dwellings and commercial buildings located more than 200 feet from a public right-of-way (the street on which the property is addressed) shall post 24 inch numbers or letters having a 4 inch stroke width.
5. Unit or suite numerals and/or letters shall be required on or adjacent to the front door and on the rear door of multi-tenant buildings to be immediately visible. Letters or numerals shall be a minimum 4 inch in height with a minimum 5/8 inch stroke width in a color contrasting to the door and shall be weather-resistant.
6. Exceptions to these requirements shall be approved by the Fire Code Official.

**Section 507.5** is amended to read as follows:

**Section 507.5 Fire hydrant systems.** Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6, and on-site fire hydrants spacing and mains shall be provided where required by the City of Goodyear Engineering Design Standards and Policies Manual and the Fire Code Official.

**Section 507.5.1 Exceptions 1 and 2,** are deleted in their entirety.

**Section 903.2** is amended to read as follows:

**Section 903.2 Where required.** Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12 as amended herein, except for telecommunication buildings, existing structures and special amusement buildings as follows:

**Exceptions:**

1. **Telecommunications building:** Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour fire barriers constructed in accordance with Section 707 of the International Building Code or not less than 2-hour horizontal assemblies constructed in accordance with Section 711 of the International Building Code, or both.
2. **Existing Structures:** An automatic sprinkler system shall not be required to be retrofitted in existing buildings where the occupancy is changed provided the new or proposed use is less hazardous, based on life safety and fire risk, than the existing use. The determination of whether the new or proposed use is less hazardous shall be made by the Fire Code Official in his/her discretion.

3. **Special Amusement Buildings:** Automatic sprinkler systems shall not be required for temporary special amusement buildings as noted in Section 411.4, of the International Building Code, unless required by the Fire Code Official.

**Section 903.2.8.1** is amended to read as follows:

**Section 903.2.8.1 Group R-3 including Group R-3 congregate and boarding residences.** An automatic sprinkler system installed in accordance with Section 903.3.1.3 and amended Section 903.2.8.5 shall be permitted in Group R-3 occupancies including Group R-3 congregate and boarding residences with ten (10) or fewer residents.

**Section 903.2.8.2** is deleted in its entirety and replaced with the following:

**Section 903.2.8.2 Group R-4, Condition 1, Occupancy.** An automatic sprinkler system installed in accordance with Section 903.3.1.3 shall be permitted in reference to amended Section 308.4, I.B.C., and in compliance with amended Section 903.2.8.5.

**Section 903.2.8.3** is added to read as follows:

**Section 903.2.8.3 Group R-4, Condition 2, Occupancy.** An *automatic sprinkler system* installed in accordance with Section 903.3.1.3 shall be permitted in reference to amended Section 308.4, I.B.C., and in compliance with amended Section 903.2.8.5.

**Section 903.2.8.4** is added to read as follows:

**Section 903.2.8.4 Special requirements for Group R-1 and Group R-2 Occupancies.** In Group R-1 and Group R-2 occupancies, sprinklers shall be installed in bathrooms, kitchen, and closet areas in excess of 24 square feet, rooms containing any electrical and/or mechanical equipment, foyers, attached garages, accessible areas under interior stairs and landings. Balconies and decks shall be protected in compliance with Section 903.3.1.2.1. In Group R-1 occupancies, sprinklers shall be installed in attics and concealed spaces containing combustible materials.

**Section 903.2.8.5** is added to read as follows:

**Section 903.2.8.5 Special Requirements for Group R-3 and Group R-4 Occupancies.** In Group R-3 and Group R-4 occupancies, sprinklers shall be installed in bathrooms, kitchen, and closet areas in excess of 24 square feet, rooms containing any electrical and/or mechanical equipment, foyers, attached garages, accessible areas under interior stairs and landings.

In Group R-4, Condition 1 and Condition 2 occupancies, sprinkler systems shall include installation in attics and concealed spaces containing combustible materials. Such systems may not contain unsupervised valves between the domestic water riser control valve and the sprinklers. In Group R-4, Condition 2 occupancies, such systems shall contain water-

flow switches electrically supervised by an approved supervision central station, and shall sound an audible signal at a constantly attended location.

**Section 903.1.1.2** is added to read as follows:

**Section 903.3.1.1.2 Accessory exempt locations.** An automatic sprinkler system shall not be required in the following buildings, rooms or areas:

- A. Detached storage sheds, detached private garages, detached gazebos and ramadas for private non-commercial uses not exceeding 1,500 square feet.
- B. Detached restroom buildings at parks, golf courses and similar locations not exceeding 1,500 square feet with storage areas not exceeding 100 square feet.
- C. Non-combustible detached gazebos, ramadas and greenhouses for public use not exceeding 1,500 square feet.
- D. Non-combustible detached fuel dispensing canopies, non-combustible detached wash racks, non-combustible canopies with flame retardant sunscreen.
- E. Agricultural buildings, animal shelters, greenhouses, grain silos and barn accessories to a residential occupancy not exceeding 1,500 square feet with no habitable space.
- F. Detached hay barns with no accessory storage or uses and no habitable areas.
- G. Open shade horse stalls of non-combustible construction for private, non-commercial use not exceeding 5,000 square feet with no storage of combustible products, vehicles, or agricultural equipment.
- H. Detached non-combustible carports for residential and commercial developments with covered parking. Each non-combustible carport shall not exceed 2,000 square feet and shall be separated a minimum of ten (10) feet from the main building. Where there are a group of carports and each one does not exceed 2,000 square feet, the minimum separation required between carports shall be ten (10) feet.
- I. Temporary tents and membrane structures for approved special events.
- J. Detached temporary modular sales offices.
- K. Special use structures as approved by the Fire Code Official.

**Section 903.3.1.3** is amended to read as follows:

**Section 903.3.1.3 NFPA 13D sprinkler systems.** Automatic sprinkler systems installed in one-and-two family dwellings and in townhouses, classified as Group R-3 occupancies shall be permitted to be installed throughout in accordance with the NFPA 13D. Automatic sprinkler systems for required one-and-two family dwellings designed in accordance to the International Residential Code shall be permitted to be designed in accordance to P2904 of the International Residential Code. Automatic sprinkler systems designed in accordance with NFPA 13D or Section P2904 of the International Residential Code shall provide additional protection as required in Section 903.2.8.5.

**Section 903.3.7** is amended to read as follows:

**Section 903.3.7 Fire department connections.** Unless waived by the Fire Code Official or exempted by the NFPA 13 or 13R standards, approved fire department connections are required on automatic sprinkler systems designed in accordance with NFPA 13 or NFPA 13R in the locations approved by the Fire Code Official and in accordance with the City of Goodyear Engineering Design Standards and Policies Manual. Automatic sprinkler systems designed in accordance to NFPA 13D and Section P2904 of the International Residential Code are not required to have a fire department connection.

**Section 903.4.2** is amended to read as follows:

**Section 903.4.2 Alarms.** An approved audible device located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler water flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.

Where a fire alarm system is not required and the automatic sprinklers system is being supervised, at least one manual fire alarm box shall be provided at an approved location to initiate the fire alarm signal.

**Section 912.5** is amended to read as follows:

**Section 912.5 Backflow protection.** The potable water supply to automatic sprinkler and standpipe systems shall be protected against backflow as required by the plumbing code as adopted by the City of Litchfield Park and the City of Goodyear Engineering Design Standards and Policies Manual.

**Section 2308.3.2** is added to read as follows:

**Section 2308.3.2 Vehicle impact protection.** Vehicle impact protection for CNG gas storage containers, pumps and dispensers shall be provided in accordance with Section 312 of the International Fire Code.

**Section 5308** is added as follows:

**Section 5308 Carbon dioxide (CO<sub>2</sub>) systems used in beverage dispensing applications.** Carbon dioxide systems with more than 100 pounds (45.4 kg) of carbon dioxide used in beverage dispensing applications shall comply with Sections 5308.1 through 5308.4.

**Section 5308.1** is added as follows:

**Section 5308.1 Permits.** Permits for carbon dioxide systems shall be required as set forth in Section 105.6.47.

**Section 5308.2** is added as follows:

**Section 5308.2 Equipment.** The storage, use, and handling of liquid carbon dioxide shall be in accordance with Chapter 53 and the applicable requirements of NFPA 55, Chapter 13. Insulated liquid carbon dioxide systems shall have pressure relief devices vented in accordance with NFPA 55.

**Section 5308.3** is added as follows:

**Section 5308.3 Protection from damage.** Carbon dioxide systems shall be installed so the storage tanks, cylinders, piping and fittings are protected from damage by occupants or equipment during normal facility operations.

**Section 5308.4** is added as follows:

**Section 5308.4 Required protection.** Where carbon dioxide storage tanks, cylinders, piping and equipment are located indoors, rooms or areas containing carbon dioxide storage tanks, cylinders, piping and fittings and other areas where a leak of carbon dioxide can collect shall be provided with either ventilation in accordance with Section 5308.4.1 or an emergency alarm system in accordance with Section 5308.4.2.

**Section 5308.4.1** is added as follows:

**Section 5308.4.1 Ventilation.** Mechanical ventilation of carbon dioxide systems shall be in provided accordance with the *International Mechanical Code* and shall comply with all of the following:

1. Mechanical ventilation in the room or area shall be at a rate of not less than 1 cubic foot per minute per square foot [0.00508 m<sup>3</sup>/(s • m<sup>2</sup>)].
2. Exhaust shall be taken from a point within 12 inches (305 mm) of the floor.
3. The ventilation system shall be designed to operate at a negative pressure in relation to the surrounding area.

**Section 5308.4.2** is added as follows:

**Section 5308.4.2 Emergency alarm system.** An emergency alarm system for carbon dioxide systems shall be installed in accordance with all of the following:

1. Continuous gas detection shall be provided to monitor areas where carbon dioxide can accumulate.
2. The threshold for activation of an alarm shall not exceed 5,000 parts per million (9,000 mg/m<sup>3</sup>).
3. Activation of the emergency alarm system shall initiate a local alarm within the

room or area in which the system is installed.

**Appendix D FIRE APPARATUS ACCESS ROADS.** With the following amendments:

**Section D101.1** is modified to read as follows:

**Section D101.1 Scope.** Fire apparatus access road shall be in accordance with this appendix and all other applicable requirements of the International Fire Code and local ordinances and standards set forth in the City of Goodyear Engineering Design Standards and Policies Manual.

**Section D103.1** is modified to read as follows:

**Section D103.1. Access road width with a hydrant.** Where a fire hydrant is located on a fire apparatus access road, the minimum width shall be as required by the City of Goodyear Engineering Design Standards and Policies Manual.

**Figure D103.1 Dead-end Fire Apparatus Access Road Turnaround** is deleted in its entirety and replaced with the figures noted in the City of Goodyear Engineering Design Standards and Policies Manual.

**Section D103.2** is modified to read as follows:

**Section D103.2 Grade.** Fire apparatus access road shall not exceed the grade of 8% as noted in the City of Goodyear Engineering Design Standards and Policies Manual.

**Exception:** Grades steeper than 8% as approved by the Fire Chief.

**Section D103.3** is modified to read as follows:

**Section D103.3 Turning radius.** The minimum turning radius shall be in accordance with the City of Goodyear Engineering Design Standards and Policies Manual.

**Section D103.4** is modified to read as follows:

**Section D103.4 Dead ends.** Dead-end fire apparatus access roads in excess of 150 feet (45720mm) shall be provided with width and turnaround provisions in accordance with the City of Goodyear Engineering Design Standards and Policies Manual.

**Table D103.4 Requirements for Dead-end Fire Apparatus Access Road Turnaround,** is deleted in its entirety and replaced with the figures and standards noted in the City of Goodyear Engineering Design Standards and Policies Manual.

**Section D103.6** is modified to read as follows:

**Section D103.6 Signs.** Where required by the Fire Code Official, fire apparatus access roads shall be marked with permanent signs complying with the City of Goodyear Engineering Design Standards and Policies Manual and/or provide curb markings in accordance to Section 503.3 of the International Fire Code as amended herein.

**Section D104.2 Exception** is deleted in its entirety.

**Section D106.1 Exception** is deleted in its entirety.

**Section D106.2** is deleted in its entirety.

## **AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE, 2012 EDITION**

**Section R101.1** is amended to read as follows:

**Section R101.1 Title.** Insert the words “City of Litchfield Park” as the name of jurisdiction.

**Section R101.2, Exception 1** is hereby deleted.

**Section R102.5** is amended to read as follows:

**Section R102.5 Appendices.** Provisions in the appendices shall not apply unless specifically referenced in the adopting ordinance. The following appendices are adopted:

**APPENDIX B** SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY 1 APPLIANCES AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS.

**APPENDIX C** EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS.

**APPENDIX G** SWIMMING POOLS, SPAS AND HOT TUBS, with the following amendments:

- Section AG102.1 General. “Swimming pool” is hereby amended as follows: Remove 24 inches (610 mm) and insert, in lieu thereof 18 inches.
- Section AG105.2 Outdoor swimming pool, Item 1. Remove 48 inches (1219 mm) regarding “top of barrier” and insert in lieu thereof 60 inches.
- Delete Item 9.2 (Section AG105.2 Outdoor Swimming Pool) in its entirety.
- Section AG105.2 Outdoor Swimming Pool, Item 9.3 is amended to read as follows: Doors with direct access to the pool through that wall shall be self-closing with self-latching devices located at least 54 inches (1372 mm) above the threshold of the door.

**APPENDIX H** PATIO COVERS, with the following amendments:

- Section AH105.1 Design loads, is hereby amended as follows:

Remove 10 pounds per square foot and insert in lieu thereof 20 pounds per square foot.

- Delete Section AH105.2 Footings in its entirety.
- Delete Section AH106 in its entirety.



## APPENDIX J EXISTING BUILDINGS AND STRUCTURES

- Delete Section AJ102.4 in its entirety.

**Section R102.7** is amended to read as follows:

**Section R102.7 Existing Structures.** Delete the words “the International Property Maintenance Code or” and insert “as adopted by the City of Litchfield Park and amended from time to time” after the words “International Fire Code”.

**Section R105.2** is amended to read as follows:

**Section R105.2 Work exempt from permit.** Item 2 under “**Building**” is deleted.

**Section R105.2 Work exempt from permit.** Item 7 under “**Building**” is deleted and replaced with “Prefabricated swimming pools that are less than 18 inches deep.”

**Section R105.2** Item 11 is added under “**Building**” to read as follows:

11. Reroofing, provided:

- The existing framed roof structure, including roof sheathing is not being changed or modified in any way.
- All reroofing is done in compliance with Chapter 9, I.R.C.
- The dead load of the new roofing material is equal to or less than the existing removed roofing material.

**Section R105.5** is amended to read as follows:

**Section R105.5 Expiration.** Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned. Proof that work has been suspended or abandoned shall be determined if 180 days has passed since the last scheduled building inspection. The Building Official is authorized to grant, in writing, not to exceed two (2) extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

**Section R106.1** is amended by adding the following to the end of the last paragraph:

“Approved detailed layout and isometric drawings are required for all HVAC installations, plumbing installations, including gas piping, as well as electrical installations.”

**Section R106.3.1** is amended to read as follows:

**Section R106.3.1 Approval of construction documents.** When the Building Official issues a permit, the construction documents shall be approved by stamp, as

“Reviewed”. One set of construction documents so reviewed shall be retained by the Building Official. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the Building Official or a duly authorized representative.

**Section R107.3** is amended to read as follows:

**Section R107.3 Temporary Power.** Delete “NFPA 70” and insert in lieu thereof, “Electrical Code adopted by the City of Litchfield Park and amended from time to time”.

**Section R108.2** is deleted in its entirety and replaced with the following:

**Section R108.2 Schedule of permit fees.** All fees shall be in accordance with Chapter One of the International Building Code as adopted by the City of Litchfield Park and amended from time to time.

**Section R108.5** is deleted in its entirety and replaced with the following:

**Section R108.5 Refunds.** The Building Official shall be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or collected.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or cancelled before any plan review examination time has been expended.

The Building Official shall not be permitted to authorize refunding of any fee paid except upon written application filed by the original permittee not later than 90 calendar days after the date of permit fee payment.

**Section R108.6** is amended to read as follows:

**Section R108.6 Work commencing before permit issuance.** The following shall be added after the last sentence:

The added fee shall be equal to the amount of the permit fee required by this code. If the required building permit is not applied for within 30 calendar days of notification to obtain permit (reference “Stop Work Order/Permit Required Notice), an additional \$100.00 per day “Failure to Respond” fee will be required. If City Design Review Board (DRB) approval is required, the 30 calendar days start at date of approval by DRB. The payment of such fee shall not exempt an applicant from compliance with all other provisions of either this code or other requirements, nor from any other penalty prescribed by law.

**Section R110.1** is amended to read as follows:

**Section R110.1 Use and Occupancy.** No building or structure shall be used, occupied, or furnished in whole or in part, and no change in existing occupancy classification of a building or structure or portion thereof be made until the Building Official has issued a certificate of occupancy therefor as provided herein.

Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other City ordinances. Certificates presuming to give authority to violate or cancel the provisions of this code or of other City ordinances shall not be valid.

**Section R112.3** is amended to read as follows:

**Section R112.3 Qualifications.** The board of appeals shall consist of five members who are qualified by experience and training to pass on matters pertaining to building construction and are not employees of the jurisdiction. Each member shall serve for two years or until they are re-appointed or replaced. At least one alternate member will be appointed who shall be called on by the Board Chairperson to hear appeals during the absence or disqualification of a member. The alternate member shall be appointed for two years, or until a successor has been appointed. The Building Official or appointee shall be an ex-officio member of said board, but shall have no vote on any matter before the board.

**Section R112.4** is added to read as follows:

**Section R112.4 Application for Appeal.** The application for appeal shall be filed in writing and submitted to the Building Official within 20 calendar days after the date of the initial “appeal” request.

**Section R112.5** is added to read as follows:

**Section R112.5 Notice of Meeting.** The board of appeals shall meet upon written notice from the Building Official or appointee, within 30 calendar days of the filing of an “appeal” application.

**Section R112.6** is added to read as follows:

**Section R112.6 Postponed Hearing.** When five board members are not present to hear an appeal, either the appellant or the appellant’s representative shall have the right to request a postponement of the hearing.

**Section R112.7** is added to read as follows:

**Section R112.7 Board Decision.** The board shall agree with, modify or reverse the decision of the Building Official or appointee by a majority vote of its members.

**Section R112.8** is added to read as follows:

**Section R112.8 Administration.** The Building Official or appointee shall take immediate action in accordance with the decision of the board.

**Section R113.2** is added to read as follows:

**Section R113.2. Notice of Violation Requirements.** Notices of violation of this Code shall be in writing and shall be served by personal service through certified mail with return receipt requested. Service shall be deemed complete upon delivery.

Notices of violation shall include, at a minimum, the following information:

- (a) Address and legal description of property in question;
- (b) Nature and extent of the violation in such detail as to allow the correction or abatement of the violation;
- (c) The name and telephone number of a city representative to contact concerning the violation;
- (d) Acceptable methods to correct or abate the violation;
- (e) Remedies available to the City to correct or abate the violation;
- (f) Procedures for the recipient to appeal the issuance of the notice.

Nothing in this Section shall preclude the Building Official from giving additional verbal or written information or notices. Nothing herein shall require the issuance of a notice of violation prior to commencement of emergency abatement or civil or criminal violation proceedings.

The City of Litchfield Park may record a notice of violation with the Maricopa County Recorder. A recorded notice of violation shall run with the land. Failure to record a notice of violation shall not affect the validity of the notice as to persons who receive the notice. When the property is brought into compliance, a satisfaction of notice of violation shall be filed at the request of the owner or responsible party at the requester's expense. A recorded notice of violation shall not constitute a lien against the property

**Section R114.2** is amended to read as follows:

**Section R114.2 Unlawful continuance.** Any person who shall continue any work after having been served with a "Stop Work Order/Permit Required Notice", except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as specified in Section 108.6. In addition, the City of Litchfield Park may record a notice of violation with the Maricopa County Recorder. A recorded notice of violation shall run with the land. Failure to record a notice of violation shall not affect the validity of the notice as to persons who receive the notice. When the property is brought into compliance, a satisfaction of notice of violation shall be filed at the request of the owner or responsible party at the requester's expense. A recorded notice of violation shall not constitute a lien against the property.

**Section R201.4** The following sentence is added to the end of this paragraph:

Webster’s dictionaries of the English language shall be considered as providing “ordinary accepted meanings”.

**Table R301.2 (1)**, insert the following:

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

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY <sup>f</sup>	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP <sup>e</sup>	ICE BARRIER UNDERLAYMENT REQUIRED <sup>h</sup>	FLOOD HAZARDS <sup>g</sup>	AIR FREEZING INDEX <sup>i</sup>	MEAN ANNUAL TEMP <sup>l</sup>
	Speed <sup>d</sup> (mph)	Topographic Effects <sup>k</sup>		Weathering <sup>a</sup>	Frost line depth <sup>b</sup>	Termite <sup>c</sup>					
N/A	90 mph Exposure C	NO	B	Negligible	12"	Moderate to Heavy	34° F	N/A	National Flood Insurance Program 040049	N/A	71.2° F

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

USE	LIVE LOAD
Sleeping rooms	40
Habitable attics and attics with fixed stairs	40

**Section R302.5.1** is amended to read as follows:

**Section R302.5.1 Opening Protection.** Add the following to the end of the last sentence of the Section:

“that is self-latching.”

**Section R302.6** is deleted in its entirety and replaced with the following:

**Section R302.6 Dwelling/garage fire separation.** The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 5/8-inch Type X gypsum board or equivalent applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. All horizontal separation supporting elements including bearing walls shall be protected with not less than 5/8-inch Type X gypsum board or equivalent. Garages located less than three (3) feet from a dwelling unit on the same lot requires 5/8 - inch Type X gypsum board or equivalent applied to the interior side of the exterior walls of the garage that are located within the three foot separation.

**Table R302.6** is deleted in its entirety.

**Section R303.4** is amended to read as follows:

**Section R303.4 Mechanical ventilation.** All newly constructed dwelling units shall be provided with a whole-house mechanical ventilation system in accordance with Section

M1507.3. Existing dwelling units where the building thermal envelope will be modified, such as exterior wall extensions and/or building additions, the Building Official may require a test to determine the resulting air infiltration rate. Where the air infiltration rate of the modified dwelling unit is less than 5 air changes per hour (when tested with a blower door at a pressure of 0.2 inch w.c. in accordance with Section N1102.4.1.2), the dwelling unit shall be provided with a whole-house mechanical ventilation system in accordance with Section M1507.3.

**Section R305.1** The first paragraph is deleted in its entirety and replaced with the following:

**Section R305.1 Minimum height.** Habitable spaces shall have a ceiling height of not less than 7 feet 6 inches. Hallways, bathrooms, toilet rooms, laundry rooms and portions of basements containing these spaces shall have a ceiling height of not less than 7 feet. The required height shall be measured from the finish floor to the lowest projection from the ceiling.

**Section R308.4.5** is amended by adding the following to the end of the "Exception":

"...or outer edge of shower pan."

**Section R310.1** is amended by adding the following:

A minimum 36 inch obstructed exit/access width shall be maintained clear and unobstructed from each required "emergency escape and rescue opening" to the nearest adjacent public way. This would include exit ways and access ways around exterior mounted mechanical equipment (i.e. HVAC, pool, etc.) located in side yards.

**Section R310.2.2, Exception** is hereby deleted.

**Section R311.5.2** is added to read as follows:

**Section R311.5.2 Under stair protection.** Enclosed accessible space under stairs shall have walls, under stair surface and any soffits protected on the enclosed side with ½-inch (13mm) gypsum board.

**Section R312.2** is hereby deleted in its entirety and replaced with the following:

**Section R312.2 Window fall protection.** In dwelling units, where the opening of an operable window is located more than 72 inches (1829 mm) above the finished grade or exterior surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches (610 mm) above the finished floor of the room in which the window is located.

**Section R313.1.2** is added to read as follows:

**Section R313.1.2 Special requirements for townhouses.** There shall be no deletions in bathrooms, closet areas containing any electrical or mechanical equipment, foyers, attached garages, accessible areas under interior stairs or landings, exterior balconies, covered patios or exterior landings.

**Section R313.2.2** is added to read as follows:

**Section R313.2.2 Special requirements for one-and two-family dwellings.** There shall be no deletions in bathrooms, closet areas containing any electrical or mechanical equipment, foyers, attached garages or accessible areas under interior stairs or landings.

**Section R314.3** is amended to read as follows:

**Section R314.3 Item 4 Location.** Is added to read as follows:

4. Where adjacent ceiling heights vary 24 inches or more, or where door openings and archways drop down 24 inches or more from the adjoining ceiling height.

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

**Section R319.1 Address numbers.** New and existing buildings shall have address numbers, building numbers or building identification placed in a position that is plainly legible and visible from the street or road fronting the property. Landscaping or structures cannot obscure addresses or required signage. Height, stroke and contrasting background of address numbering shall comply with Section 505, I.F.C., as amended or as approved by the Fire Code Official.

**Section R324** is added to read as follows:

**Section R324 Sound Attenuation.** Buildings shall meet the following minimum acoustic design requirements for the exterior envelope:

1. Exterior wall penetrations by pipes or conduits shall be caulked.
2. Mailboxes shall not be used through the door or wall.
3. Windows shall have a sound transmission rating of STC-28. All operable windows shall be weather stripped and airtight in accordance with ASTM E-283-65-T Standard. Perimeter window frames shall be sealed to airtight specifications.
4. All non-glazed portions of exterior side-hinged doors shall be solid-core wood or insulated hollow metal or at least one and three-quarters inch thick and fully weather stripped. The perimeter doorframes shall be sealed to airtight specifications.
5. Fireplaces shall be provided with well-fitting dampers, unless otherwise prohibited elsewhere in the Code.
6. Exterior wall shall be at least four inches in nominal depth and shall be finished on the outside with block, siding, sheathing, or stucco on one-inch Styrofoam.

- Fiberglass or cellulose insulation at least three and on-half inches thick shall be installed continuously throughout the cavity space behind the wall. Total insulation R-value of the exterior wall assembly shall be R-18.
7. Attics and roof rafter spaces shall be insulated with a minimum insulation R-value of at least R-38.

For existing buildings, the following criteria shall be used:

1. Additions may be made to existing buildings without making the entire building comply with all requirements for new construction, based on the following...
2. If the gross floor area of a building is expanded by less than fifty percent, the requirements of this Section apply only to the area of expansion. If the gross floor area of a building is expanded by fifty percent or more, the requirements of this Section apply to the entire building.

If the specified requirements of this Section are not met, the Building Official may approve as an alternative, a certification by an architect or engineer to achieve a maximum interior noise level of forty-five (45) decibels at time of final construction.

**Section R403.1.3** is amended to read as follows:

**Section R403.1.3 Seismic reinforcing.** Add Seismic Design Category B to this Section and delete the “exception” following the fourth paragraph.

**Section R404.1.9.4** is amended to read as follows:

**Section R404.1.9.4 Seismic Design of Masonry Piers.** Add Seismic Design Category B to this Section.

**Section R501.3** is amended to read as follows:

Remove “gypsum wallboard membrane” and insert in lieu thereof “gypsum ceiling board (sag-resistant) membrane.”

**Table R507.2.1 Footnote “A”** is amended by adding the following:

Shall provide quality materials and workmanship to ensure that no lumber splits exist and/or are created in either the deck ledger or the band joist.

**Section R703.6.2.1** is amended by adding the following:

**Section R703.6.2.1 Weep screeds.** As an alternate to the 2 inch clearance requirement above paved areas, a deco drain directly below the weep screed may be used.

**Section R806.1 Exception** is hereby deleted.



**Section N1101.5** is amended with an added paragraph to read as follows:

**Section N1101.5 Compliance materials.** The Building Official shall be permitted to approve specific computer software, worksheets, compliance manuals and other similar materials that meet the intent of this code. In addition, the Building Official shall be permitted to approve a self-certification energy compliance report. The report shall demonstrate compliance with all applicable energy efficiency regulations and shall be signed and dated by the builder, builder's representative or registered design professional. The following testing and inspection protocol shall be required as components of this report:

- Copy of the signed and dated thermal envelope air leakage test conducted by an approved third party in compliance with Section N1102.4.1.2.
- Copy of the signed and dated "Air Barrier and Insulation Installation Checklist Certificate" in compliance with Table N1102.4.1.1 and conducted by an approved third party.
- Copy of the signed and dated "rough-in" ductwork sealing test conducted by an approved third party in compliance with Section N1103.2.2.
- Copy of the signed and dated "post-construction" ductwork sealing test conducted by an approved third party in compliance with Section N1103.2.2.
- All other requirements identified as "mandatory" in Chapter 11, I.R.C., shall be met.

**OR** the report shall use the "RESNET" approach in compliance with amended Sections N1101.7.1 and N1101.7.2.

**Section N1101.7.1** is hereby added to read as follows:

**Section N1101.7.1 RESNET approach.** A Home Energy Rating System ("HERS") Index of 73 or less, confirmed in writing by a Residential Energy Services Network certified rater. The certified rater shall comply with the RESNET testing and inspection protocol as required in amended Section N1101.7.2.

**Section N1101.7.2** is hereby added to read as follows:

**Section N1101.7.2 RESNET Testing and Inspection Protocol.** The Residential Energy Services Network (RESNET) using Mortgage Industry National Home Energy Rating System Standards Protocol for third party testing and inspections shall be deemed to meet the requirements of Sections N1102.4.1.1, N1102.4.1.2 and N1103.2.2 and shall meet the following conditions:

1. Third party testing and inspections shall be completed by RESNET certified raters or rating field inspectors and shall be subject to RESNET quality assurance field review procedures.
2. Sampling in accordance with Chapter 6 of the RESNET standards shall be performed by raters or rating field inspectors working under a RESNET accredited sampling provider.

3. Third party testing is required for the following items:
  - a. N1102.4.1.1 – Building Envelope – Thermal and Air Barrier Checklist
  - b. N1102.4.1.2 – Testing – Air Leakage Rate
  - c. N1103.2.2 – Sealing – Duct Tightness
4. All other requirements identified as “mandatory” in Chapter 11 shall be met.
5. Alternate testing and inspection programs and protocols shall be allowed when approved by the Building Code Official.

**Section N1101.15** is amended to read as follows:

**Section N1101.15 Compliance.** Projects shall comply with Sections identified as “mandatory” and with either Sections identified as “prescriptive” or the performance approach in Section N1105. Other compliance options for projects include those as listed in Section N1101.5 (i.e. self-certification energy compliance report) and in Section N1101.7.1 (RESNET approach).

**Section N1102.4.1.2** is amended to read as follows:

**Section N1102.4.1.2 (R402.4.1.2) Testing.** Where required by the Building Official, the building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 5 air changes per hour in Zones 1 and 2, and 3 air changes per hour in Zones 3 through 8. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). Testing shall be conducted by an *approved* third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the Building Official. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weather stripping or other infiltration control measures;
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures;
3. Interior doors, if installed at the time of the test, shall be open;
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
5. Heating and cooling systems, if installed at the time of the test, shall be turned off; and
6. Supply and return registers, if installed at the time of the test, shall be fully open.

**Section N1103.2.1** is amended to read as follows:

**Section N1103.2.1 Insulation (Prescriptive).** Supply and return ducts in attics shall be insulated to a minimum of R-8. All other ducts shall be insulated to a minimum of R-6.

**Exception:** Ducts or portions thereof located completely inside the building thermal envelope.

**Section M1403.2** is deleted in its entirety and replaced with the following:

**Section M1403.2 Foundations and supports.** Supports and foundations for the outdoor mechanical systems shall be raised at least 3 inches (76mm) above finished grade and shall conform to the manufacturer's installation instructions.

**Section M1502.4.4.** is deleted in its entirety and replaced with the following:

**Section M1502.4.4 Duct length.** The maximum allowable exhaust duct length shall be determined as specified in Section M1502.4.4.1.

**Section M1502.4.4.2** is deleted in its entirety.

**Section M2005.2** is deleted in its entirety and replaced with the following:

**Section M2005.2 Prohibited locations.** Fuel-fired water heaters shall not be installed in a clothes closet, storage closet, bedroom or bathroom.

**Section M2301.2.2** is amended by adding the following:

A City anchoring certification form filled out and signed by the installer shall be required for all roof mounted photovoltaic panels and modules.

**Section M2302.2.1** is amended by adding the following:

A City anchoring certification form filled out and signed by the installer shall be required for all roof mounted photovoltaic panels and modules.

**Section M2302.2.3** is amended by adding the following:

A City grounding certification form filled out and signed by the installer shall be required for all roof mounted photovoltaic equipment which requires grounding.

**Section M2302.3** is amended by adding the following:

For panel/module location requirements, reference Section 605.11, International Fire code.

**Section G2406.2** is amended by deleting Item 5 in its entirety.

**Section G2414.5 (403.5)** is amended by deleting the words "seamless copper."

**Section G2414.5.2 (403.5.2)** is deleted in its entirety.

**Section G2415.12** is deleted in its entirety and replaced with the following:

**Section G2415.12 (404.12) Minimum burial depth.** Underground piping systems shall be installed a minimum depth of 12 inches (305mm) below grade for metallic piping and a minimum depth of 18 inches (unless listed for a greater depth) (457mm) below grade for plastic piping. In addition, plastic piping must be installed per manufacturer's specifications (for below grade gas piping), including an installed "tracer" line.

**Section G2439.5.5** is amended by deleting the reference to Section G2439.5.5.2.

**Section G2439.5.5.2** is deleted in its entirety.

**Section P2803.6.1** is amended by deleting Item 2 and re-writing Item 3, to read as follows:

3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to point of termination.

**Section P2904.1.1** is amended by adding the following at the end of the word "Exceptions"

“,unless otherwise required in amended Section R313.1.2 or amended Section R313.2.2:”

**Section E3901.6** is amended by adding the following:

A 125-volt, 15 ampere-rated (ground-fault circuit-interrupter protected) receptacle outlet shall be installed in an accessible location under each bathroom lavatory to allow for the operation of a point-of-service hot water recirculating pump. If a central hot water recirculating pump is installed at the time of final inspection, the outlets will not be required.

**Appendix J Existing Buildings and Structures** is amended as follows:

**Section AJ102.4 Replacement Windows** is deleted in its entirety.

## AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE, 2012 EDITION

**Section 101.1** is amended to read as follows:

**Section 101.1 Title.** Insert the words “City of Litchfield Park” as the name of the jurisdiction.

**Section 106.4.3** is deleted in its entirety and replaced with the following:

**Section 106.4.3 Expiration.** Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned. Proof that work has been suspended or abandoned shall be determined if 180 days has passed since the last scheduled building inspection. The Building Official is authorized to grant, in writing, one or more extension of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

**Section 106.5.1** is amended to read as follows:

**Section 106.5.1 Work commencing before permit issuance.** Any person who commences any work on a mechanical system before obtaining the necessary permit shall be subject to a fee established by the Building Official that shall be in addition to the required permit fee. The added fee shall be equal to the amount of the permit fee required by code. If the required building permit is not applied for within 30 calendar days of notification to obtain permit (reference “Stop Work Order/Permit Required Notice”), an additional \$100.00 per day “Failure to Respond” fee will be required. If the City Design Review Board (DRB) approval is required, the 30 calendar days start at date of approval by DRB. The payment of such fee shall not exempt an applicant from compliance with all other provisions of either this code or other requirements, nor from any other penalty prescribed by law.

**Section 106.5.2** is deleted in its entirety and replaced with the following:

**Section 106.5.2 Fee Schedule.** All fees shall be in accordance with Chapter One of the International Building Code as adopted by the City of Litchfield Park and amended from time to time.

**Section 106.5.3** is deleted in its entirety and replaced with the following:

**Section 106.5.3 Fee Refunds.** The Building Official shall be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or collected.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or cancelled before any plan review examination time has been expended.

The Building Official shall not be permitted to authorize refunding of any fee paid except upon written application filed by the original permittee not later than 90 days after the date of fee payment.

**Section 108.2 Notice of Violation** is hereby amended to read as follows:

**Section 108.2 Notice of violation.** The Building Official shall serve a notice of violation or order to the person responsible for the erection, installation, alteration, extension, repair, removal or demolition of mechanical work in violation of the provisions of this code, or in violation of a detail statement or the approved construction documents thereunder, or in violation of a permit or certificate 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 and shall comply with the provisions set forth in Section 114.2 of the International Building Code, 2012 Edition, as amended.

**Section 108.4** is deleted in its entirety and replaced with the following:

**Section 108.4 Violation penalties.** Violation penalties shall be in accordance with Section 114.4, International Building Code.

**Section 201.4** is deleted in its entirety and replaced with the following:

**Section 201.4 Terms not defined.** Where terms are not defined through the methods authorized by this chapter, such terms shall have ordinarily accepted meanings such as the context implies. Webster's Third New International Dictionary of the English Language, Unabridged, shall be considered as providing ordinarily accepted meanings.

**Section 303.3** is amended by adding a new subsection as follows:

6. Fuel-fired appliances with natural draft venting shall not be installed in any room operating under negative pressure unless the appliances are listed for that use.

**Section 303.3 Exception 3** is deleted in its entirety.

## AMENDMENTS TO THE INTERNATIONAL PLUMBING CODE, 2012 EDITION

**Section 101.1** is amended to read as follows:

**Section 101.1 Title.** Insert the words “City of Litchfield Park” as the name of the jurisdiction.

**Section 106.5.3** is deleted in its entirety and replaced with the following:

**Section 106.5.3 Expiration.** Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned. Proof that work has been suspended or abandoned shall be determined if 180 days has passed since the last scheduled building inspection. The Building Official is authorized to grant, in writing, one or more extension of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

**Section 106.6.1** is amended to read as follows:

**Section 106.6.1 Work commencing before permit issuance.** Any person who commences any work on a plumbing system before obtaining the necessary permit shall be subject to a fee established by the Building Official that shall be in addition to the required permit fee. The added fee shall be equal to the amount of the permit fee required by code. If the required building permit is not applied for within 30 calendar days of notification to obtain permit (reference “Stop Work Order/Permit Required Notice”), an additional \$100.00 per day “Failure to Respond” fee will be required. If the City Design Review Board (DRB) approval is required, the 30 calendar days start at date of approval by DRB. The payment of such fee shall not exempt an applicant from compliance with all other provisions of either this code or other requirements, nor from any other penalty prescribed by law.

**Section 106.6.2** is deleted in its entirety and replaced with the following:

**Section 106.6.2 Fee schedule.** All fees shall be in accordance with Chapter One of the International Building Code as adopted by the City of Litchfield Park and amended from time to time.

**Section 106.6.3** is deleted in its entirety and replaced with the following:

**Section 106.6.3 Fee refunds.** The Building Official shall be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or collected.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the plan review fee when an application of a permit for which a plan review fee has been paid is withdrawn or cancelled before any plan review examination time has been expended.

The Building Official shall not be permitted to authorize refunding of any fee paid except upon written application filed by the original permittee not later than 90 calendar days after the date of fee payment.

**Section 108.2 Notice of Violation** is hereby amended to read as follows:

**Section 108.2 Notice of violation.** The Building Official shall serve a notice of violation or order to the person responsible for the erection, installation, alteration, extension, repair, removal or demolition of mechanical work in violation of the provisions of this code, or in violation of a detail statement or the approved construction documents thereunder, or in violation of a permit or certificate 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 and shall comply with the provisions set forth in Section 114.2 of the International Building Code, 2012 Edition, as amended.

**Section 108.4** is deleted in its entirety and replaced with the following:

**Section 108.4 Violation penalties.** Violation penalties shall be in accordance with Section 114.4, International Building Code.

**Section 201.4** is deleted in its entirety and replaced with the following:

**Section 201.4 Terms not defined.** Where terms are not defined through the methods authorized by this chapter, such terms shall have ordinarily accepted meanings such as the context implies. Webster's Third New International Dictionary of the English Language, Unabridged, shall be considered as providing "ordinarily accepted meanings".

**Section 1202.2** Add a new Section, as follows:

**Section 1202.2 Dental Facilities.** Vacuum piping installed under an on-grade floor structure shall be in compliance with recommendations and drawings prepared by a registered design professional and as contained within the dental equipment manufacturer's specifications and details, as well as applicable provisions of NFPA 99C. All drawings and specifications shall be sufficiently comprehensive and provide prescriptive installation criteria. Special inspection in accordance with IBC Section 1704 shall be required.



## AMENDMENTS TO THE INTERNATIONAL FUEL GAS CODE, 2012 EDITION

**Section 101.1** is amended to read as follows:

**Section 101.1 Title.** Insert the words “City of Litchfield Park” as the name of the jurisdiction.

**Section 106.5.3** is deleted in its entirety and replaced with the following:

**Section 106.5.3 Expiration.** Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned. Proof that work has been suspended or abandoned shall be determined if 180 days has passed since the last scheduled building inspection. The Building Official is authorized to grant, in writing, one or more extension of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

**Section 106.6.1** is amended to read as follows:

**Section 106.6.1 Work commencing before permit issuance.** Any person who commences any work on a fuel gas system before obtaining the necessary permit shall be subject to a fee established by the Building Official that shall be in addition to the required permit fee. The added fee shall be equal to the amount of the permit fee required by code. If the required building permit is not applied for within 30 calendar days of notification to obtain permit (reference “Stop Work Order/Permit Required Notice”), an additional \$100.00 per day “Failure to Respond” fee will be required. If the City Design Review Board (DRB) approval is required, the 30 calendar days start at date of approval by DRB. The payment of such fee shall not exempt an applicant from compliance with all other provisions of either this code or other requirements, nor from any other penalty prescribed by law.

**Section 106.6.2** is deleted in its entirety and replaced with the following:

**Section 106.6.2 Fee Schedule.** All fees shall be in accordance with Chapter One of the International Building Code as adopted by the City of Litchfield Park and amended from time to time.

**Section 106.6.3** is deleted in its entirety and replaced with the following:

**Section 106.6.3 Fee refunds.** The Building Official shall be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or collected.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or cancelled before any plan review examination has been expended.

The Building Official shall not be permitted to authorize refunding of any fee paid except upon written application filed by the original permittee no later than 90 days after the date of fee payment.

**Section 108.2 Notice of Violation** is hereby amended to read as follows:

**Section 108.2 Notice of violation.** The Building Official shall serve a notice of violation or order to the person responsible for the erection, installation, alteration, extension, repair, removal or demolition of mechanical work in violation of the provisions of this code, or in violation of a detail statement or the approved construction documents thereunder, or in violation of a permit or certificate 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 and shall comply with the provisions set forth in Section 114.2 of the International Building Code, 2012 Edition, as amended.

**Section 108.4** is deleted in its entirety and replaced with the following:

**Section 108.4 Violation penalties.** Violation penalties shall be in accordance with Section 114.4, International Building Code.

**Section 201.4** is deleted in its entirety and replaced with the following:

**Section 201.4 Terms not defined.** Where terms are not defined through the methods authorized by this chapter, such terms shall have ordinarily accepted meanings such as the context implies. Webster's Third New International Dictionary of the English Language, Unabridged, shall be considered as providing "ordinarily accepted meanings".

**AMENDMENTS TO THE INTERNATIONAL ENERGY CONSERVATION CODE, 2012  
EDITION**

**Section C101.1** is amended to read as follows:

**Section C101.1 Title.** Insert the words “City of Litchfield Park” as the name of the jurisdiction.

**Section C107.2** is deleted in its entirety and replaced with the following:

**Section C107.2 Schedule of permit fees.** All fees shall be in accordance with Chapter One of the International Building Code as adopted by the City of Litchfield Park and amended from time to time.

**Section C107.5** is deleted in its entirety and replaced with the following:

**Section C107.5 Refunds.** The Building Official shall be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or collected.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.

The Building Official shall be permitted to authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or cancelled before any plan review examination time has been expended.

The Building Official shall not be permitted to authorize refunding of any fee paid except upon written application filed by the original permittee not later than 90 calendar days after the date of fee payment.

**Section C201.4** is deleted in its entirety and replaced with the following:

**Section C201.4 Terms not defined.** Where terms are not defined through the methods authorized by this chapter, such terms shall have ordinarily accepted meanings such as the context implies. Webster’s Third New International Dictionary of the English Language, Unabridged, shall be considered as providing “ordinarily accepted meanings”.

**Section R101.5.1** is amended to read as follows:

**Section R101.5.1 Compliance materials.** The Building Official shall be permitted to approve specific computer software, worksheets, compliance manuals and other similar materials that meet the intent of this code. In addition, the Building Official shall be permitted to approve a self-certification energy compliance report. The report shall demonstrate compliance with all applicable energy efficiency regulations and shall be signed and dated by the builder, builder’s representative or registered design professional.

The following testing and inspection protocol shall be required as components of this report:

- Copy of the signed and dated thermal envelope air leakage test conducted by an approved third party in compliance with Section R402.4.1.2.
- Copy of the signed and dated “Air Barrier and Insulation Installation Checklist Certificate” in compliance with Table R402.4.1.1 and conducted by an approved third party.
- Copy of the signed and dated “rough-in” ductwork sealing test conducted by an approved third party in compliance with Section R403.2.2.
- Copy of the signed and dated “post-construction” ductwork sealing test conducted by an approved third party in compliance with Section R403.2.2.

**OR** the report shall use the “RESNET” approach in compliance with amended Sections R102.1.2 and R102.1.3.

**Section R102.1.2** is hereby added to read as follows:

**Section R102.1.2 RESNET approach.** A Home Energy Rating System (“HERS”) Index of 73 or less, confirmed in writing by a Residential Energy Services Network certified rater. The certified rater shall comply with the RESNET testing and inspection protocol as required in amended Section R102.1.3.

**Section R102.1.3** is hereby added to read as follows:

**Section R102.1.3 RESNET Testing and Inspection Protocol.** The Residential Energy Services Network (RESNET) using Mortgage Industry National Home Energy Rating System Standards Protocol for third party testing and inspections shall be deemed to meet the requirements of Sections R402.4.1.1, R402.4.1.2 and R403.2.2 and shall meet the following conditions:

1. Third party testing and Inspections shall be completed by RESNET certified Raters or rating field inspectors and shall be subject to RESNET quality assurance field review procedures.
2. Sampling in accordance with Chapter 6 of the RESNET standards shall be performed by raters or rating field inspectors working under a RESNET accredited sampling provider.
3. Third party testing is required for the following items:
  - a. R402.4.1.1 – Building Envelope – Thermal and Air Barrier Checklist
  - b. R402.4.1.2 – Testing – Air Leakage Rate
  - c. R403.2.2 – Sealing – Duct Tightness
4. The other requirements identified as “mandatory” in Chapter 4 shall be met.
5. Alternate testing and inspection programs and protocols shall be allowed when approved by the Building Code Official.

**Section R401.2** is amended to read as follows:

**Section R401.2 Compliance.** Projects shall comply with Sections identified as “mandatory” and with either Sections identified as “prescriptive” or the performance approach in Section R405. Other compliance options for projects include those as listed in Section R101.5.1 (i.e. self-certification energy compliance report) and in Section R102.1.2 (RESNET approach).

**Section R402.4.1.2** is amended to read as follows:

**Section R402.4.1.2 Testing.** Where required by the Building Official, the building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 5 air changes per hour in Zones 1 and 2, and 3 air changes per hour in Zones 3 through 8. Testing shall be conducted with a blower door at a pressure of 0/2 inches w.g. (50 Pascals). Testing shall be conducted by an *approved* third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the *Building Official*. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weather stripping or other infiltration control measures;
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures;
3. Interior doors, if installed at the time of the test, shall be open;
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
5. Heating and cooling systems, if installed at the time of the test, shall be turned off;  
and
6. Supply and return registers, if installed at the time of the test, shall be fully open.

**Section R403.2.1** is amended to read as follows:

**Section R403.2.1 Insulation (Prescriptive).** Supply and return ducts in attics shall be insulated to a minimum of R-8. All other ducts shall be insulated to a minimum of R-6. Exception: Ducts or portions thereof located completely inside the building thermal envelope.