

**CITY OF TEMPE AMENDMENTS TO THE  
2003 INTERNATIONAL BUILDING CODE  
ARTICLE II, SECTION 8-200 OF THE  
TEMPE CITY CODE**

**Sec. 306. FACTORY GROUP F.**

[§ 306.2 Factory Industrial F-1 Moderate-Hazard Occupancy, Woodworking is amended as follows:]

"Woodworking (cabinet) (establishments with more than 3 woodworking appliances.)"

**Sec. 308. INSTITUTIONAL GROUP I.**

[§ 308.2 Group I-1 is hereby amended as follows:]

*"Section 308.2. Group I-1.* This occupancy shall include buildings, structures or parts thereof housing more than 10 persons, on a 24-hour basis, who because of age, mental disability or other reasons, live in a residential environment that provides personal care and or supervisory care services. The occupants are capable of responding to an emergency situation without physical assistance from staff. This group shall include, but not be limited to, the following:

- Residential board and care facilities
- Assisted living centers
- Halfway houses
- Group homes
- Congregate care facilities
- Social rehabilitation facilities
- Alcohol and drug abuse treatment centers
- Convalescent facilities

A facility such as the above with five or fewer persons, excluding staff, shall be classified as Group R-3 and shall comply with the *International Residential Code* in accordance with Section 101.2. A facility such as the above housing at least 6 but not more than 10 persons, excluding staff, shall be classified as a Group R-4 and may comply with the *International Residential Code* in accordance with the Tempe Administrative Code where the building is in compliance with Section 419 of this code.

**Sec. 308. INSTITUTIONAL GROUP I.**

[§ 308.3 Group I-2 is hereby amended as follows:]

*"Section 308.3. Group I-2.* This occupancy shall include buildings and structures used for medical, surgical, psychiatric, nursing, custodial, personal, or directed care on a

24-hour basis of persons who are not capable of self-preservation by responding to an emergency situation without physical assistance from staff. This group shall include, but not be limited to, the following:

- Hospitals
- Nursing homes (both intermediate-care facilities and skilled nursing facilities)
- Mental hospitals (where patients are not restrained)
- Detoxification facilities"

**Sec. 310. RESIDENTIAL GROUP R.**

[§ 310.1 Group R is hereby amended as follows:]

"R-1. Residential occupancies where the occupants are primarily transient in nature, including:

- Boarding houses
- Hotels
- Motels"

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

- Apartment houses
- Convents
- Dormitories
- Fraternities and sororities
- Monasteries
- Vacation timeshare properties"

"R-3. Residential occupancies where the occupants are primarily permanent in nature and not classified as R-1, R-2, R-4 or I and where buildings do not contain more than two dwelling units as applicable in Section 101.2, or adult and child care facilities that provide accommodation for five or fewer persons, excluding staff, of any age. Adult and child care facilities that are within a single-family home are permitted to comply with the *International Residential Code* in accordance with Section 101.2."

"R-4. Residential occupancies shall include buildings arranged for occupancy as residential care/assisted living facilities including at least 6 but not more than 10 occupants, excluding staff.

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 except as otherwise provided for in this code or shall comply with the *International Residential Code* in accordance with Section 101.2 and the provisions of Section 419 of this code."

**Sec. 310. RESIDENTIAL GROUP R.**

[§ 310.2 is hereby amended as follows:]

*"PERSONAL CARE SERVICE.* The care of residents who do not require chronic or convalescent medical or nursing care. Personal care involves assistance with activities of daily living that can be performed by persons without professional skills or professional training and includes the coordination or provision of intermittent nursing services, the administration of medications and treatments, and responsibility for the safety of the residents while inside the building.

*"RESIDENTIAL CARE/ASSISTED LIVING FACILITY.* A building or part thereof housing at least 6 but not more than 10 persons, excluding staff, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment which provides supervisory and/or personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff. This classification shall include, but not be limited to, the following: residential board and care facilities, assisted living homes, halfway houses, group homes, congregate care facilities, social rehabilitation facilities, alcohol and drug abuse treatment centers and convalescent facilities.

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

#### **Sec. 406. MOTOR-VEHICLE RELATED OCCUPANCIES.**

[§ 406.1.4 item 1. is hereby amended as follows:]

*"Section 406.1.4. Separation.* Separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board 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. 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 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. 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."

#### **Sec. 406. MOTOR-VEHICLE RELATED OCCUPANCIES.**

[§ 406.1.5 is hereby added as follows:]

*"Section 406.1.5. Parking Lot Carport Canopies.* A parking lot carport canopy is a non-combustible building comprised of a freestanding roof supported by columns and entirely open on all sides with no enclosures beneath the roof. Parking lot carport canopies shall be used exclusively for the solar protection of parked motor vehicles and shall not be used to shelter any other use.

Parking lot canopies which do not comply with all the provisions of this section shall be constructed in accordance with the other provisions of the code.

"*Section 406.1.5.1. Construction and Height.* Parking lot carport canopies shall be constructed entirely of non-combustible materials, except that the roof covering may have a flame-spread rating of not more than 50. Parking lot carport canopies shall be designed in accordance with the requirements of Chapter 16.

Parking lot carport canopies shall have a clear height of not less than 7 feet (2134 mm). Where van accessible shaded parking is required by this Code the clear height shall meet Tempe's accessibility requirements.

"*Section 406.1.5.2. Location on Property.* Parking lot carport canopies shall be located not less than 10 feet (3048 mm) from any building or property line. A clear separation of not less than 10 feet (3048 mm) shall be maintained between canopies on the same property. No canopy shall cover or encroach into any required fire lane.

Parking lot carport canopies which meet all of the requirements of this section may be located in any required yard without affecting any of the general building limitations of this Code.

"*Section 406.1.5.3. Allowable Area.* Parking lot carport canopies shall not exceed 150 feet in length or 40 feet in width.

"*Section 406.1.5.4. Automatic Sprinkler Systems.* Parking lot carport canopies which meet all the requirements of this section shall be permitted without automatic sprinkler system protection."

### **Sec. 410.3. Stages.**

[§ 410.3.1 is hereby amended as follows:]

"*Section 410.3.1. Stage construction.* Stages shall be constructed of materials as required for floors for the type of construction of the building in which such stages are located.

#### **Exceptions:**

1. Stages of Type IIB or IV construction with a nominal 2-inch (51mm) wood deck, provided that the stage is separated from the other areas in accordance with Section 410.3.5.
2. In buildings of Type IIA, IIIA and VA construction, a fire-resistive-rated floor is not required, provided the space below the stage is equipped with an automatic fire-extinguishing system in accordance with Section 903 or 904.
3. In all types of construction, the finished floor shall be constructed of wood or approved noncombustible materials. Openings through the floors shall be equipped with tight-fitting, solid wood trap doors with approved safety locks.

When the space beneath a stage is not used for any purpose other than electrical wiring or plumbing and contains concealed spaces of combustible materials, the space shall be fire blocked in accordance with Section 717.2.7."

#### **Sec. 410.4. Platform Construction.**

[§ 410.4 is hereby amended as follows:]

"*Section 410.4. Platform construction.* Permanent platforms shall be constructed of materials as required for the type of construction of the building in which the permanent platform is located. Permanent platforms are permitted to be constructed of fire-retardant-treated wood for Type I, II and IV construction where the platforms are not more than 30 inches(762mm) above the main floor and not more than 3000 square feet (279 m<sup>2</sup>) in area. Where the space beneath the permanent platform is used for storage or any other purpose other than electrical wiring or plumbing, the floor construction shall be not less than 1-hour fire-resistive construction. Where the space beneath the permanent platform is used only for electrical wiring or plumbing, the underside of the permanent platform need not be protected. Platforms containing concealed spaces of combustible materials shall comply with Section 717.2.7."

#### **Sec. 415.7.4. Dry cleaning plants.**

[§ 415.7.4 is hereby amended as follows:]

"*Section 415.7.4. Dry cleaning plants.* The construction and installation of dry cleaning plant shall be in accordance with the requirements of this code, the *International Mechanical Code*, the *International Plumbing Code*, the Arizona Plumbing Code and NFPA 32. Dry cleaning solvents and systems shall be classified in accordance with the *International Fire Code*."

#### **Sec. 419. RESIDENTIAL CARE/ASSISTED LIVING HOMES.**

[§ 419 is hereby added as follows:]

"*Section 419.1. Applicability.* The provisions of this section shall apply to a building or part thereof housing at least 6 but not more than 10 persons, excluding staff, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment which provides licensed care services. Except as specifically required by this division, R-4 occupancies shall meet all applicable provisions of Group R-3.

"*Section 419.2. General.* Buildings or portions of buildings classified as R-4 occupancies shall meet all the applicable provisions of Group R-3, may be constructed of any materials allowed by this code, shall not exceed two stories in height nor be located above the second story in any building, and shall not exceed 2000 square feet above the first story except as provided in Section 506.

"*Section 419.3. Special Provisions.* 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 419.3.1. Mixed Uses.* R-4 occupancies shall be separated from other uses as provided in Table 302.3.2.

"Section 419.4.1. *Accessibility.* R-4 occupancies shall be provided with at least one accessible route per Chapter 11 of this code. Sleeping rooms and associated toilets shall be accessible.

**"Exception:** Existing buildings shall comply with Section 3409. Bathing and toilet facilities need not be made accessible, but shall be provided with grab bars in accordance with Chapter 11 of this code."

"Section 419.4.2.1. *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 419.4.2.2. *Distance to Exits.* The maximum travel distance shall comply with Section 1004, except that the maximum travel distance from the center point of any sleeping room to an exit shall not exceed 75 feet.

"Section 419.4.2.3. *Exit Signs/Illumination.* Required exits doors shall be provide with illuminated exit signs in accordance with Section 1011 of this code.

"Section 419.4.2.4. *Emergency Escape and Rescue.* R-4 occupancies shall comply with the egress requirements of Section 1025, 1.

"Section 419.4.2.5. *Delayed egress locks.* In R-4 occupancies, delayed egress locks shall be permitted in accordance with Sections 1008.1.8.6, items 1, 2, 4, 5 and 6.

## **"419.5 Smoke Detectors and Sprinkler Systems**

"Section 419.5.1. *Smoke Alarms.* All habitable rooms and hallways in R-4 occupancies shall be provided with smoke alarms. The smoke alarms shall be installed in accordance with Section 907.2.10.

"Section 419.5.2. *Sprinkler Systems.* R-4 occupancies shall be provided with a sprinkler system installed in accordance with Section 903.2.7. Sprinkler systems installed under this Section shall be installed throughout, including attached garages. Such systems may not contain unsupervised valves between the domestic water riser control valve and the sprinklers."

## **Sec. 501.2. Premises identification.**

[§ 501.2 is hereby amended as follows:]

"Section 501.2. *Premises identification.* Approved numbers or addresses shall be provided for new buildings in such a position as to be clearly visible and legible from the street or roadway fronting the property. The size, location and illumination shall be as detailed in the Tempe Zoning and Development Code."

## **Sec. 507.2. Sprinklered, one story**

[§ 507.2 is hereby amended as follows:]

"*Section 507.2. Sprinklered, one story.* The area of a one-story, Group B, F, M or S building or a one-story Group A-4 building of other than Type V construction shall not be limited when the building is provided with an automatic sprinkler system throughout in accordance with Section 903.3.1.1, and is surrounded and adjoined by public ways or yards not less than 60 feet (18 288 mm) in width.

### **Exceptions:**

1. (No change)
2. (No change)

Such buildings may contain other occupancies provided that such occupancies do not occupy more than 10 percent of the area of any floor of a building, nor more than the tabular values permitted in the occupancy by Table 503 for such occupancy. Such buildings having Group F and S occupancies may also have Group H-2, H-3 and H-4 fire areas within the building as provided by the limitations in Section 507.6."

## **Sec. 507.3. Two story.**

[§ 507.3 is hereby amended as follows:]

"*Section 507.3. Two story.* The area of a two-story, Group B, F, M or S building shall not be limited when the building is provided with an automatic sprinkler system in accordance with Section 903.3.1.1 throughout, and is surrounded and adjoined by public ways or yards not less than 60 feet (18 288 mm) in width.

Such buildings may contain other occupancies provided that such occupancies do not occupy more than 10 percent of the area of any floor of a building, nor more than the tabular values permitted in the occupancy by Table 503 for such occupancy. Such buildings having Group F and S occupancies may also have Group H-2, H-3 and H-4 fire areas within the building as provided by the limitations in Section 507.6."

## **Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2 is hereby amended as follows:]

"*Section 903.2. Where required.* Approved automatic sprinkler systems shall be provided in the locations described in this section.

"*Section 903.2.1. New buildings or structures.* All areas of new buildings or structures, and other locations required by this Chapter, shall be provided with an automatic fire sprinkler system complying with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3 as applicable.

**Exceptions:** Unless the use of the facility otherwise requires automatic fire sprinkler protection, fire sprinkler systems shall not be required for the following:

1. R-3 occupancies of 5,000 square feet or less and other buildings or structures accessory to R-3 occupancies.
2. Detached non-combustible carports of 5,000 square feet or less in roof area.
3. Detached non-residential buildings of 1,000 square feet or less in floor area.
4. Detached non-combustible canopies less than 5,000 square feet in roof area used exclusively for vehicle washing facilities or vehicle fuel dispensing stations.
5. Shade canopies less than 5,000 square feet; not closer than 5 feet to any building, property line or other shade canopy; and shading one of the following: vehicles for sale at a dealership, playground equipment, or outdoor eating areas without cooking.
6. Shipping containers used for storage purposes and not closer than 5 feet to any building, property line or other container.
7. Exterior roofs, overhangs or canopies of Type I, II or III construction with no combustible storage beneath.
8. Exterior covered/enclosed walkways of Type I, II or III construction with enclosing walls that are at least 50 percent open.

This Section is not intended to indicate all instances or circumstances where fire sprinkler systems are required; refer to this Chapter and the Tempe Fire Code for other requirements."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.1.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.1.2 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.1.3 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.1.4 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.1.5 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.2 is hereby amended as follows:]

"Section 903.2.2. *Group H-5 occupancies.* An automatic sprinkler system shall be installed throughout buildings containing Group H-5 occupancies. The design of the sprinkler system shall not be less than that required by this code for the occupancy hazard classifications in accordance with Table 903.2.2. Where the design area of the sprinkler system consists of a corridor protected by one row of sprinklers, the maximum number of sprinklers required to be calculated is 13."

**"TABLE 903.2.2 GROUP H-5 SPRINKLER DESIGN CRITERIA**

LOCATION	OCCUPANCY HAZARD CLASSIFICATION
Fabrication areas	Ordinary Hazard Group 2
Service corridors	Ordinary Hazard Group 2
Storage rooms without dispensing	Ordinary Hazard Group 2
Storage rooms with dispensing	Extra Hazard Group 2
Corridors	Ordinary Hazard Group 2"

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.3 is hereby amended as follows:]

"Section 903.2.3. *Change of occupancy.* An automatic sprinkler system complying with Section 903.3 shall be provided for an existing building or portion thereof undergoing a change of occupancy as follows, based upon the relative hazard levels indicated in Table 903.2.5:

1. When a change of occupancy is made to a higher level as shown in Table 903.2.5, the area or building shall be provided with an automatic fire sprinkler system.
2. When a change of occupancy is made within hazard level 1 as shown in Table 903.2.5, the area or building shall be provided with an automatic fire sprinkler system.
3. Any change of occupancy of a building or area of more than 5000 square feet shall be retrofit with a fire sprinkler system."

**"TABLE 903.2.3 EXISTING BUILDING HAZARD LEVELS**

Hazard Level	Building Occupancy Type
1 (highest)	H, I, R-1, R-2, R-4
2	A-2, A-5
3	A-1, A-3, A-4
4	B, E, F-1, M, S-1
5 (lowest)	F-2, S-2, U

"Notes: Occupancies are as defined in this Code.

When a change of occupancy of 5000 square feet or less is made to a lower hazard level or within a hazard level (except hazard level 1), as shown in Table 903.2.3, the building is not required to be provided with an automatic fire sprinkler system.

This Section is not intended to indicate all instances or circumstances where fire sprinkler systems are required; refer to this Chapter and the Tempe Fire Code for other requirements. "

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.3.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.4 is hereby amended as follows:]

*"Section 903.2.4. Additions.* All additions to existing buildings or structures and all buildings or structures that are expanded by an addition(s) shall be provided with an automatic fire protection system complying with Section 903.3 as applicable.

**"Exception:** An existing non-sprinklered building or structure and additions to such existing building, provided the occupancy of the existing building is not changed, the addition is the same occupancy, and the total area of all such additions to the building do not exceed 1000 square feet.

"The above exception does not supersede other requirements of this Chapter or the Tempe Fire Code."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.4.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.4.2 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ Table 903.2.4.3 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.4.3 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.5 is hereby amended as follows:]

*"Section 903.2.5. Rubbish and linen chutes.* An automatic sprinkler system shall be installed at the top of rubbish and linen chutes and in their terminal rooms. Chutes extending through three or more floors shall have additional sprinkler heads installed within such chutes at alternate floors. Chute sprinklers shall be accessible for servicing."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.6 is hereby amended as follows:]

*"Section 903.2.6. During construction.* Automatic sprinkler systems required during construction, alternation and demolition operations shall be provided in accordance with the Tempe Fire Code."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.6.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.7 is hereby amended as follows:]

*"Section 903.2.7. Ducts conveying hazardous exhausts.* Where required by the Tempe Mechanical Code, automatic sprinklers shall be provided in ducts conveying hazardous exhaust, or flammable or combustible materials.

**Exception:** Ducts in which the largest cross-sectional diameter of the duct is less than 10 inches (254 mm)."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.8 is hereby amended as follows:]

*"Section 903.2.8. Commercial cooking operations.* An automatic sprinkler system shall be installed in commercial kitchen exhaust hood and duct system where an automatic sprinkler system is used to comply with Section 904."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.8.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.8.2 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.9 is hereby amended as follows:]

*"Section 903.2.9. Other required suppression systems.* In addition to the requirements of Section 903.2, the provisions indicated in Table 903.2.13 also require the installation of a suppression system for certain buildings and areas"

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.10 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.10.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.10.1.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.10.1.2 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.10.1.3 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.10.2 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.10.3 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.11 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.12 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.12.1 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.12.2 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.2.13 is hereby repealed.]

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.3.1.2.2 is hereby added as follows:]

"*Section 903.3.1.2.2. Attics.* Sprinkler protection shall be provided for attics."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.3.1.3 is hereby amended as follows:]

"*Section 903.3.1.3. NFPA 13D sprinkler systems.* Where allowed, automatic sprinkler systems in one- and two- family dwellings and Group R, Division 4 Occupancies shall be installed throughout in accordance with NFPA 13D provided there are no deletions of sprinklers in bathrooms, closets containing mechanical or electrical equipment, foyers, garages, carports, accessible areas under interior stairs and landings used for storage or living purposes. Sprinkler protection shall be provided for attics."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§.903.3.6 is hereby amended as follows:]

"*Section 903.3.6. Hose threads.* Fire hose threads used in connection with automatic sprinkler systems shall be approved and compatible with the Tempe Fire Department hose threads."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.3.7 is hereby amended as follows:]

"*Section 903.3.7. Fire department connections.* The location of fire department connections shall be approved by the Tempe Fire Marshal's authorized representative."

**Sec. 903. AUTOMATIC SPRINKLER SYSTEMS.**

[§ 903.3.7.1 is hereby repealed.]

**Sec. 907. FIRE ALARM AND DETECTION SYSTEMS.**

[§ 907.2.10.1.2 is hereby amended as follows:]

"*Section 907.2.10.1.2. Groups R-2, and I-1.* Single- or multiple-station smoke alarms shall be installed and maintained in Groups R-2, and I-1, regardless of occupant load at all of the following locations:

1. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms.
2. In each room used for sleeping purposes.
3. In each story within a dwelling unit, including basements but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split-levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level. "

**Sec. 907. FIRE ALARM AND DETECTION SYSTEMS.**

[§ 907.2.10.1.4 is hereby added as follows:]

"*Section 907.2.10.1.4. Group R-4.* Smoke alarm systems shall be installed and maintained throughout Group R-4 occupancies regardless of occupant load."

**Sec. 1008. DOORS, GATES AND TURNSTILES.**

[§ 1008.1.8.3 , item 4. is hereby amended as follows:]

"4. Group R, Division 3 Occupancies and individual dwelling units and guest rooms within Group R, Division 1 and Group R, Division 2 Occupancies. Such occupancies may be provided with a night latch, double keyed dead bolt or security chain, provided such devices are openable from the inside without the use of a tool."

**Sec. 1008. DOORS, GATES AND TURNSTILES.**

[§ 1008.1.9 is hereby amended as follows:]

"*Section 1008.1.9. Panic and fire exit hardware.* Where panic and fire exit hardware is installed, it shall comply with the following:

1. The actuating portion of the releasing device shall extend at least one-half of the door leaf width.
2. A maximum unlatching force of 15 pounds (67 N).

Except as provided in Section 1008.1.8.3, each door in a means of egress from an occupancy of Group A or E having an occupant load of 100 or more and any occupancy of Group H-1, H-2, H-3 or H-5 shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware.

If balanced doors are used and panic hardware is required, the panic hardware shall be of the push-pad type and the pad shall not extend more than one-half the width of the door measured from the latch side."

**Sec. 1018. NUMBER OF EXITS AND CONTINUITY.**

[§ 1018.2 is hereby amended as follows:]

*"Section 1018.2. Buildings with one exit.* Only one exit shall be required in buildings as described below:

1. Buildings described in Table 1018.2, provided that the building has not more than one level below the first story above the grade plane.
2. Buildings of R-3 Occupancy, except those licensed as an assisted living facility.
3. Single-level buildings with the occupied space at the level of exit discharge provided that the story or space complies with Section 1014.1 as a space with one means of egress.

**Exception:** R-4 and I-1 occupancies for Adult or Child Care facilities are not permitted to have only one exit."

**Sec. 1101. GENERAL.**

[§ 1101.2 is hereby amended as follows:]

*"Section 1101.2. Design.* Buildings and facilities shall be designed and constructed to be accessible in accordance with the this code, ICC A 117.1, and Arizona Revised Statutes, Title 41, Chapter 9, Article 8, Public Accommodation and Services, The Arizonans with Disabilities Act, R 10-3-401 through R 10-3-404, which includes – 28 CFR Part 35 and 28 CFR 36 and Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG)."

**Sec. 1503. WEATHER PROTECTION.**

[§ 1503.4 is hereby amended as follows:]

*"Section [P] 1503.4. Roof drainage.* Design and installation of roof drainage systems shall comply with the Plumbing Code."

**Table 1607.1. MINIMUM AND UNIFORMLY DISTRIBUTED LOADS AND MINIMUM CONCENTRATED LIVE LOADS.**

[§ Table 1607.1, item 27 is hereby amended as follows:]

OCCUPANCY OR USE	UNIFORM (psf)	CONCENTRATED (lbs.)
27. Residential		
Hotels and multifamily dwellings		
Private rooms and corridors serving them	40	—
Public rooms and corridors serving them	100	

**TABLE 2902.1**

[\$Table 2902.1, items 2 and 6 are amended as follows:]

**TABLE 2902.1  
MINIMUM NUMBER OF REQUIRED PLUMBING FACILITIES<sup>a</sup>**

No.	CLASSIFICATION	USE GROUP	DESCRIPTION	WATER CLOSETS (SEE SECTION 419.2 OF THE INTERNATIONAL PLUMBING CODE FOR URINALS)		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS (SEE SECTION 410.1 OF THE INTERNATIONAL PLUMBING CODE)	OTHER
				MALE	FEMALE	MALE	FEMALE			
2	Business (see Sections 2902.2, 2902.4, 2902.4.1 and 2902.6)	B	Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50		1 per 40 for the first 50 and 1 per 80 for the remainder exceeding 50		—	Where Separate Facilities are required by Section 2902.2 1 per 100	—
6	Mercantile (see Section 2902.2, 2902.5 and 2902.6)	M	Retail stores, service stations, shops, salesrooms, markets and shopping centers	1 per 500		1 per 750		—	Where Separate Facilities are required by Section 2902.2 1 per 1,000	—

**Sec. 3107. SIGNS.**

[\$§ 3107.1 is hereby amended as follows:]

"Section 3107.1. General. Signs shall be designed, constructed and maintained in accordance with the City of Tempe Zoning and Development Code."

**Sec. 3109. Swimming Pool Enclosure and Safety Devices.**

[\$ 3109.2 is hereby amended as follows:]

"Section 3109.2. Definition. The following word and term shall, for the purpose of this section and as used elsewhere in this code, have the meaning shown herein.

**SWIMMING POOL.** Any structure intended for swimming or recreational bathing that contains water over 18 inches (430 mm) deep. This includes in-ground, aboveground, and on-ground swimming pools, hot tubs, and spas."

### **Sec. 3109. Swimming Pool Enclosure and Safety Devices.**

[§ 3109.4.1 is hereby amended as follows:]

"*Section 3109.4.1. Barrier height and clearances.* The top of the barrier shall be at least 5 feet (1525 mm) above grade measured on the side of the barrier that faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches (51mm) measured on the side of the barrier that faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier may be at ground level, such as the pool structure, or mounted on the top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm)."

### **Sec. 3109. Swimming Pool Enclosure and Safety Devices.**

[§ 3109.4.4 is hereby added as follows:]

"*Section 3109.4.4. Barrier exceptions.*

1. Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in Section AG107, shall be exempt from the provisions of this appendix.
2. Where the premises upon which a swimming pool, spa, or hot tub is located adjoins that body of water recorded as Tract S of The Lakes, an enclosure parallel to the bank is not required; provided, that an abutting enclosure, conforming to AG105, extends horizontally to the lakeside edge of the lake bank or beyond. For purposes of this exception, the word "abutting" shall mean terminating at the point of contact with the lakeside edge of the bank."

### **Sec. 3109. Swimming Pool Enclosure and Safety Devices.**

[§ 3109.4.5 is hereby added as follows:]

"*Section 3109.4.5. Unenclosed pools.* It is hereby declared to be a public nuisance and dangerous to the public health, safety, and welfare to maintain an outdoor swimming pool, spa or hot tub in the city unless enclosed in accordance with AG105, It shall be the responsibility of both the property owner and the occupant of the premises to install and maintain the fences, locks, latches, alarms, and gates in good condition and proper working order when water is in the pool, and either or both may be deemed in violation of this chapter for failure to do so."

### **Sec. 3109. Swimming Pool Enclosure and Safety Devices.**

[§ 3109.4.6 is hereby added as follows:]

"*Section 3109.4.6. Prerequisites to issuance of building permit.* A building permit shall not be issued for any swimming pool, spa or hot tub unless the plans for such pool provide for an enclosure as required by this article."

**Sec. 3109. Swimming Pool Enclosure and Safety Devices.**

[§ 3109.4.7 is hereby added as follows:]

"*Section 3109.4.7. Final inspection and approval.* No swimming pool, spa or hot tub shall be filled in whole or in part with water unless the pool enclosure has been installed in accordance with this article and approved by the development services manager or authorized representative."