

RESOLUTION NO. 3847-0910

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF PRESCOTT, YAVAPAI COUNTY, ARIZONA, DECLARING AS A PUBLIC RECORD THOSE CERTAIN DOCUMENTS FILED WITH THE CITY CLERK AND ENTITLED THE "2006 INTERNATIONAL FIRE CODE" AS ADOPTED BY THE INTERNATIONAL CODE COUNCIL, INC., AND THAT CERTAIN DOCUMENT ENTITLED "CITY OF PRESCOTT 2008 AMENDMENTS TO THE 2006 INTERNATIONAL FIRE CODE" AS A PUBLIC RECORD, AND DIRECTING THE CITY CLERK TO RETAIN THREE COPIES THEREOF ON FILE

RECITALS:

WHEREAS, that certain document entitled the "2006 *International Fire Code*" as adopted by the International Code Council, Inc., three copies of which are on file in the office of the City Clerk, is hereby declared to be a public record, and said copies are ordered to remain on file with the city clerk; and

WHEREAS, that certain document entitled the "*City of Prescott 2008 Amendments to the 2006 International Fire Code*", three copies of which are on file in the office of the City Clerk, is hereby declared to be a public record, and said copies are ordered to remain on file with the city clerk.

ENACTMENTS:

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PRESCOTT AS FOLLOWS:

Section 1. THAT certain document entitled the "2006 *International Fire Code*" as adopted by the International Code Council, Inc., is hereby declared to be a public record.

Section 2. THAT certain document entitled the "*City of Prescott 2008 Amendments to the 2006 International Fire Code*", Exhibit A attached hereto and made a part hereof, is hereby declared to be a public record.

Section 3. THAT the City Clerk is hereby directed to maintain three (3) copies of the above referenced public documents on file at all times for inspection by the public.

PASSED AND ADOPTED by the Mayor and Council of the City of Prescott this 23rd day of September, 2008.



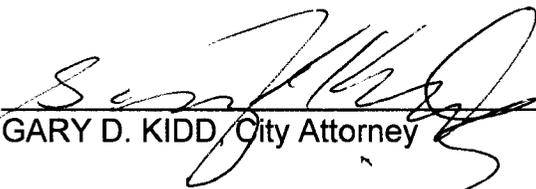
JACK D. WILSON, Mayor

ATTEST:

APPROVED AS TO FORM:



ELIZABETH A. BURKE, City Clerk



GARY D. KIDD, City Attorney

EXHIBIT 'A'**CITY OF PRESCOTT 2008 AMENDMENTS TO THE
2006 INTERNATIONAL FIRE CODE**

- (A) Section 102.6 entitled "Administration; Applicability; Referenced codes and standards" is hereby amended by adding an exception thereto, to read as follows:

"102.6 Referenced codes and standards.

Exception: The NFPA Standard referenced in this Code shall be the most recent editions and annexes as they are published or as specified by the fire code official.

- (B) Section 102.9 entitled "Administration; Applicability; Conflicting Provisions" is hereby amended to read as follows:

"102.9 Conflicting provisions. Where there is conflict between a general requirement and a specific requirement, the specific requirement shall be applicable to ensure the safety and protection of the public and firefighters. The Fire Chief will have final approval to enforce the code provisions for such purposes, when such conflicts arise."

- (C) Section 105.2.1 entitled "Permits; Application; Refusal to issue permit" is hereby amended by adding a second paragraph thereto, to read as follows:

"The City of Prescott shall not issue a permit to any corporation, company, partnership, firm, or individual operating a business that has had two or more permits, which have been issued under city code Title 6-1 or a code adopted by Title 6-1, revoked during a two year period preceding a permit application, or as otherwise approved by the fire code official."

- (D) Section 105.3 entitled "Permits; Conditions of a permit" is hereby amended by adding a new subsection 105.3.8 entitled "Additional Requirements" thereto, to read as follows:

"105.3.8 Additional requirements. The issuance of a permit shall not preclude the fire code official from imposing additional requirements on the applicant or supplementing any existing requirement whenever, in the opinion of the fire code official, later information or newly discovered conditions justify such actions."

- (E) Section 105.4 entitled "Administration; Permits; Construction Documents" is hereby amended by adding a new subsection 105.4.1.1 entitled "Plan review and inspection fee" thereto, to read as follows:

"105.4.1.1 Plan review and inspection fee. Plan review and inspection fees are required for fire protection systems as determined by the City. The fee entitles the submitter to an initial plan review and one re-submittal to correct errors or omissions. The fee also entitles the submitter to one inspection and one re-inspection to correct errors or omissions. A fee equal to the original submittal fee shall be charged for each re-submittal beginning with the second re-submittal if the same corrections must again be noted. This fee shall not be refunded once a plan check has begun. The required inspections shall be included in the permit fees. An additional fee shall be charged for each re-inspection beginning with the second re-inspection if the system is not ready for the inspection as scheduled.

Exception: Plan review and inspection fees for sprinkler system installations in residential, single-family dwellings are waived when the installation is not required by this code."

- (F) Section 105.6 entitled "Administration; Permits; Required operational permits" is hereby amended to read as follows:

"105.6 Required operational permits. The fire code official is authorized to issue operational permits for the operations set forth in Sections 105.6.1 through 105.6.47."

- (G) Section 105.6.4 entitled "Administration, Permits; Carnivals and fairs" is hereby amended to read as follows:

"105.6.4 Carnivals and fairs. An operational permit is required to conduct a carnival or fair. See Prescott City Code, Title IV, Chapter 8."

- (H) Section 105.6.30 entitled "Administration; Permits; Open burning" is hereby amended to read as follows:

"105.6.30 Open burning. An operational permit is required for the kindling or maintaining of an open fire or a fire on any public street, alley, road, or other public or private ground. Instructions and stipulations of the permit shall be adhered to. Where permits are issued to conduct burning on public property or the property of someone other than the permit applicant, the permit applicant shall demonstrate that permission has been obtained by the appropriate government agency, the owner, or the owner's authorized agent. See Section 307." [The exception remains]

- (I) Section 105.6.43 entitled "Administration; Permits; Temporary membrane structures, tents and canopies" is hereby amended to read as follows:

“105.6.43 Temporary membrane structures, tents and canopies. An operational permit is required to operate an air-supported temporary membrane structure or a tent having an area in excess of 400 square feet (121920 mm), or a canopy in excess of 700 square feet (213360mm).

Exception: Tents used exclusively for recreational camping purposes.”

- (J) Section 105.6 entitled “Administration; Permits; Required operational permits” is hereby amended by adding a new subsection 105.6.47 thereto entitled "Access control devices, security gates", to read as follows:

“105.6.47 Access control devices, security gates. An operational permit is required to install any access control device across a required fire apparatus access road.”

- (K) Section 105.7.13 entitled “Administration; Permits; Temporary membrane structures, tents and canopies” is hereby amended to read as follows:

“105.7.13 Temporary membrane structures, tents and canopies. A construction permit is required to erect an air-supported temporary membrane structure or a tent having an area in excess of 400 square feet (121920mm), or a canopy in excess of 700 square feet (213360mm).

Exception: Tents used exclusively for recreational camping purposes.”

- (L) Section 105.7 entitled “Administration; Permits; Required construction permits” is hereby amended by adding a new subsection 105.7.14 thereto entitled “Fire apparatus and personnel access”, to read as follows:

“105.7.14 Fire apparatus and personnel access. A construction permit is required for the following:

1. To install or modify any access control device across a fire apparatus access road.
2. To modify or encroach on any fire apparatus access road.
3. To modify any personnel access point into buildings or facilities.”

- (M) Section 109.3 entitled "Administration; Violation penalties" is hereby amended to provide for either a criminal penalty or civil penalty as set forth in Ordinance No, 4607-0809 which Ordinance adopts the 2006 International Fire Code and this code, (the City of Prescott 2008 Amendments to the 2006 International Fire Code).

- (N) Section 109.3 entitled "Administration; Violations; Violation penalties" is hereby amended by adding a new subsection 109.3.2 entitled "Abatement of environmental, health, fire or life safety hazards by fire code official" to read as follows:

"109.3.2 Abatement of environmental, health, fire or life safety hazards by fire code official. If any person fails to comply with the orders of the fire code official, or if the fire code official is unable to locate the owner, operator, occupant or other person responsible within a reasonable time, the fire code official or any authorized representative may take such immediate steps as are necessary to abate the hazard for the protection and safety of the public. In no event is notice necessary before abatement, when the hazard is a clear and present danger to the public welfare. Any person owning, operating, or controlling any building or structure will be held responsible for all costs and attorneys fees relating to the control or abatement of such hazard."

- (O) Section 111.4 entitled "Administration; Stop Work Order; Failure to comply" is hereby amended to read as follows:

"111.4 Failure to comply. It shall be unlawful for 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."

- (P) The definition of Day care of Section 202 entitled "Definitions; General Definitions; Occupancy Classification; [B] Educational Group E, Day care" is hereby amended to read as follows:

"Day care. A "child care group home" complying with the requirements of ARS 36-897 and providing child care for less than 24 hours per day for not less than five (5) children but no more than ten (10) children through the age of twelve years old shall be classified as group R-3, provided that all child care rooms are located on the level of exit discharge and each child care room has an exit door directly to the exterior."

- (Q) Section 202 entitled "Definitions; General Definitions; Occupancy Classification; [B] Institutional Group I; Group I-1" is hereby amended to read as follows:

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 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:

Alcohol and drug abuse centers
Assisted living centers

Congregate care facilities
Convalescent facilities
Group homes
Halfway houses
Residential board and care facilities
Social rehabilitation facilities

A facility, such as above, with 10 or fewer persons shall be classified as a Group R-4 Condition 1."

- (R) Section 202 entitled "Definitions; General Definitions; Occupancy Classifications; [B] Institutional Group I; Group I-2" is hereby amended to read as follows:

"Group I-2. This occupancy shall include buildings and structures used for psychiatric, nursing, custodial personal, or directed care on a 24-hour basis of more than five 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, Detoxification facilities. A facility such as above with five or fewer persons shall be classified as Group R-3 or shall comply with the International Residential Code in accordance with Section 101.2."

- (S) Section 202 entitled "Definitions; General Definitions; Occupancy Classifications; [B] Residential Group R; R-4" is hereby amended to read as follows:

"R-4. Residential occupancies shall include buildings arranged for occupancy as residential care and assisted living homes including not more than 10 occupants, excluding staff.

R-4 Condition 1. This occupancy shall include facilities licensed to provide supervisory care services, in which occupants are capable of self-preservation by responding to an emergency situation without physical assistance from staff. Condition 1 facilities housing more than 10 persons shall be classified as a Group I-1.

R-4 Condition 2. This occupancy condition shall include facilities licensed to provide personal or directed care services, in which occupants are incapable of self-preservation by responding to an emergency without physical assistance from staff. Condition 2 facilities housing more than 10 persons shall be classified as Group I-2."

- (T) Section 202 entitled "Definitions; General Definitions; Occupancy Classifications" is hereby amended by adding the following definitions:

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

PERSONAL CARE SERVICE. 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 and the administration of medications and treatments.

RESIDENTIAL CARE/ASSISTED LIVING HOME. A building or part thereof housing a maximum of 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, personal, or directed services. This classification shall include, but not be limited to the following:

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

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

- (U) Section 202 entitled "Definitions; General Definitions" is hereby amended by adding a definition for a "Sprinkler Alternative Wall" to read as follows:

SPRINKLER ALTERNATIVE WALL (SAW). A SAW is a fire resistive wall constructed as an alternative to fire sprinkler requirements for certain buildings. The SAW is constructed of 8-inch solid grouted masonry; 8-inch poured in place or tilt-up concrete. The SAW has no allowable openings or penetrations and extends 30 inches above the roof-line and to the outer edge of all horizontal projecting elements such as balconies, roof overhangs, canopies, marquees and architectural projections, etc. that are within 4 feet (1219mm) of the sprinkler alternative wall (SAW).

- (V) Section 502.1 entitled "Definitions; Definitions" is hereby amended by changing the definition of "Fire Lane" and adding a definition for "Driveway" to read as follows:

"DRIVEWAY. A vehicular ingress and egress route that serves no more than two buildings or structures, not including accessory structures, or more than two dwelling units.

FIRE LANE. A road or other passageway intended to allow the passage of fire apparatus. Within every fire apparatus access roadway, which are public or private streets, there is an unobstructed 20-foot wide fire lane. A fire lane may also be a stand-alone passageway into and around individual structures or facilities which is not necessarily intended for regular vehicular traffic other than fire apparatus. A fire lane shall have a minimum unobstructed width of not less than 20 feet (6096mm)."

(W) Section 503.1.1 entitled "Fire Service Features; Fire Apparatus Access Roads; Where required; Buildings and Facilities" is hereby amended by deleting exception 3.

(X) Section 503.1.2 entitled "Fire Service Features; Fire Apparatus Access Roads; Where Required; Additional access" is hereby amended by adding a new exception thereto to read as follows:

"Exception: Where all buildings are equipped throughout with approved automatic fire sprinkler systems. See Appendix D for additional details."

(Y) Section 503.2 entitled "Fire Service Features; Fire Apparatus Roads; Specifications" is hereby amended by adding a sentence thereto at the end of the paragraph to read as follows.

"See appendix D for access road details."

(Z) Section 503.2.1 entitled "Fire Service Features; Fire Aparatus Access Roads; Specifications; Dimensions" is hereby amended by adding a new paragraph at the end of this section to read as follows:

"The driving surface width of any public or private street shall be engineered, designed and maintained to meet the City requirements for streets. The driving surface width may include a ribbon curb as part of the overall street dimension width when, the ribbon curb is engineered the same as the street surface requirements, and is approved by City of Prescott Engineering. Parking restrictions and other potential obstructions shall comply with Section 503.2.8 of this code."

(AA) Section 503.2.7 entitled "Fire Service Features; Fire Apparatus Access Roads; Specifications; Grade" is hereby amended by adding a second paragraph to read as follows:

"The grade of the fire apparatus access road shall be within the limits established by the fire code official based on the fire department's apparatus. The grade for fire apparatus access roads shall not exceed 12% without the approval of the City Council.

When a grade is approved by the City Council in excess of 12% on a fire department vehicle access roadway, fire sprinkler protection is required to be installed in accordance with Section 903 of the fire code."

- (BB) Section 503.2 entitled "Fire Service Features; Fire Apparatus Access Roads; Specifications" is hereby amended by adding a new subsection entitled "503.2.8 Parking Restrictions" to read as follows:

"503.2.8 Parking Restrictions. The following provisions shall apply to any new or proposed subdivision. The fire code official may require additional off-street parking be provided where City Council approved streets are less than 28 feet (8534mm) wide. Streets that are 28 feet (8534mm) wide shall be permitted to have parking on one side of the street only. No parking is permitted on any street that is less than 28 feet (8534mm) wide.

The fire code official shall require approved no parking signs be installed on any street that is 28 feet (8534mm) wide or less. Approved no parking signs shall be installed on both sides of any street that is less than 28 feet (8534mm) wide. When no parking signs are required, they shall be in accordance with Appendix D, Section D103.6 Signs.

- (CC) Section 503.6 entitled "Fire Apparatus Access Roads; Security Gates" is hereby amended by adding a subsection 503.6.1 thereto entitled "Existing gates", to read as follows:

"503.6.1 Existing gates. When required by the fire code official, existing non-conforming gates shall comply with the Fire Department detail for security gates and control device details."

- (DD) The last sentence of Section 505.1 entitled "Fire Service Features; Premises Identification; Address numbers" is hereby amended to read as follows:

"Numbers shall be a minimum of 6 inches high with a minimum stroke width of 0.5 inch."

- (EE) Section 505 entitled "Fire Service Features; Premises Identification" is hereby amended by adding a new subsection 505.3 entitled "Change of address" thereto, to read as follows:

"505.3 Change of address. When required by the fire code official or the City Council, addresses shall be changed within 90 days to enhance the Fire Department's ability to locate the scene in response to an EMS or fire call."

- (FF) Section 506.1 entitled "Fire Service Features; Key Boxes; Where required" is hereby amended to read as follows:

"506.1 Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, or where there is an automatic fire sprinkler or fire alarm system, the fire code official is authorized to require a key box to be installed in an accessible location. The key box shall be an approved type and shall contain keys to gain access as required by the fire code official."

- (GG) Section 508.1 entitled "Fire Service Features; Fire Protection Water Supplies; Required water supply" is hereby amended by adding a new subsection 508.1.1 thereto entitled "Fire line construction", to read as follows

"508.1.1 Fire line construction. The fire line, from the control valve at the main to the flange within the building, shall be constructed of ductile iron pipe (350) unless otherwise permitted by the fire code official."

- (HH) Section 508.5.1 entitled "Fire Service Features; Fire Protection Water Supplies; Fire hydrant systems; Where required" is hereby amended to read as follows:

"508.5.1 Where required. Fire hydrants shall be provided in accordance with Appendix C and where required by the fire code official."

- (II) Section 508.5.4 entitled "Fire Service Features; Fire Protection Water Supplies; Fire hydrant systems; Obstruction" is hereby amended to read as follows:

"508.5.4 Obstruction. Posts, fences, vehicles, growth, trash, storage and other materials or objects shall not be placed or kept near fire hydrants, fire department inlet connections or fire protection system control valves in a manner that would prevent such equipment or fire hydrants from being immediately discernible. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants. Parking shall not be permitted within 15 feet (4572mm) of a fire hydrant, fire department inlet connection or fire protection system control valves, except as otherwise approved by the fire code official."

- (JJ) Section 510 entitled "Fire Service Features; Fire Department Access to Equipment" is hereby amended by adding a new subsection 510.2 thereto entitled "Access to sprinkler riser room", to read as follows:

"510.2 Access to sprinkler riser room. An exterior door leading directly into the riser room, containing the fire sprinkler riser and shut-off controls, shall be required unless otherwise approved by the fire code official.

Exceptions:

1. When an approved alternate method of controlling the sprinkler water supply from the outside of the structure is provided and is accessible to the firefighters.
 2. When other access is approved by the fire code official.”
- (KK) Chapter 7 entitled “Fire-Resistance-Rated Construction” is hereby amended by adding a new section 705 thereto entitled "Sprinkler Alternative Walls (SAW)", to read as follows:

**“SECTION 705
SPRINKLER ALTERNATIVE WALLS (SAW)**

Section 705.1 Sprinkler Alternative Wall. Sprinkler alternative walls are fire resistive walls constructed to relieve the building of the requirements of the City of Prescott fire sprinkler requirements and shall comply with Sections 705.1.1 through 705.1.11 of this code and sections 705.12.1 through 705.12.11 of the *International Building Code (IBC)*.

Section 705.1.1 Structural stability. Sprinkler alternative walls shall comply with IBC Section 705.2 for structural stability.

Section 705.1.2 Materials. Sprinkler alternative walls shall be constructed of 8 inch (203.2mm) solid grouted masonry, 8-inch (203.2mm) poured in place or tilt-up concrete.

Section 705.1.3 Horizontal continuity. Sprinkler alternative walls shall be continuous from exterior wall to exterior wall and shall extend at least 18 inches (457 mm) beyond the exterior surface of exterior walls.

Section 705.1.4 Exterior walls. Where the sprinkler alternative wall intersects the exterior wall, the exterior wall shall comply with IBC Section 705.5.1.

Section 705.1.5 Horizontal projecting elements. Sprinkler alternative walls shall extend to the outer edge of horizontal projecting elements such as balconies, canopies, marquees and architectural projections that are within 4 feet (1219mm) of the sprinkler alternative wall.

Section 705.1.6 Vertical continuity. Sprinkler alternative walls shall extend from the foundation to a termination point at least 30 inches (762mm) above both adjacent roofs.

Exception: Stepped buildings in accordance with IBC Section 705.12.6.1.

Section 705.1.6.1 Stepped buildings. Where a sprinkler alternative wall serves as an exterior wall for a building and separates buildings having different roof levels, such wall shall terminate at a point not less than 30 inches (762mm) above the upper roof level.

Section 705.1.7 Combustible framing in sprinkler alternative walls. Combustible framing as specified in IBC Section 705.7 is not allowed in sprinkler alternative walls.

Section 705.1.8 Openings. Openings in sprinkler alternative walls shall not be allowed.

Section 705.1.9 Penetrations. Penetrations in sprinkler alternative walls shall not be allowed.

Section 705.1.10 Joints. Joints in sprinkler alternative walls shall comply with Section 713 of the *International Building Code*.

Section 705.1.11 Ducts and air transfer openings. Ducts and air transfer openings in sprinkler alternative walls are not allowed.”

- (LL) Section 901.2 entitled “Fire Protection Systems; General; Construction documents” is hereby amended by adding a new paragraph at the end thereof to read as follows:

“Automatic sprinkler systems designed in accordance with NFPA 13, 13D and 13R shall be submitted and reviewed bearing a review certification and signature of a minimum level III NICET Certified Engineering Technician (CET) or Arizona registrant. Fire alarm systems designed in accordance with NFPA 72 shall be reviewed and submitted bearing a review certification and signature of a minimum level III NICET Certified Engineering Technician or Arizona registrant.”

- (MM) Section 901.4 entitled “Fire Protection Systems; General; Installation” is hereby amended by adding a new subsection thereto entitled “Qualified personnel” to read as follows:

“901.4.5 Qualified Personnel. Fire sprinkler and fire alarm system installation, modification or maintenance work shall receive direct supervision from a competent on-site person(s). The competent on-site person shall have in their possession documentation which proves their qualifications and a picture I.D. These documents must be presented to the fire code official upon request

The following certification cards are approved forms of qualification identification documents.

1. National Institute of Certification in Engineering Technology (NICET) fire alarm level 1 or fire sprinkler level 1; or
2. National Fire Protection Association (NFPA) certification or
3. Other certification acceptable to the fire code official such as; Factory trained and/or sponsored individual(s); or
4. A Codes and Standards Assessments (CSA) ID card for the appropriate level of work.

(NN) Section 902.1 entitled "Fire Protection Systems; Definitions" is hereby amended by adding the following definitions thereto:

"902.1 Definitions.

DETACHED BUILDING: A separate stand alone structure that is separated from other buildings by an approved distance in accordance with the requirements of the *International Building Code*.

EXISTING BUILDING: A building structure or facility which, is already in existence and constructed prior to the adoption of this code.

SPECULATIVE WAREHOUSE. A building designed for high piled combustible storage without a known commodity designation specified."

(OO) Section 903.2 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Where required" is hereby amended by adding new paragraphs after the exception, to read as follows:

"In addition to the requirements of the fire and building codes, an approved automatic monitored sprinkler system shall be installed throughout all levels of all new Group B, E, F, M, R-3, U and S occupancies 5,000 square feet (1524000mm) or greater and in all buildings over 2 stories in height regardless of the total square footage. In Group R-3 occupancies, the calculated area shall include all livable and unfinished space, the area of any attached garage, concealed or accessible spaces intended for storage use and/or future living space, as determined by the Building Official. The installation of an approved Sprinkler Alternative Wall (SAW), when installed in accordance with this code and the IBC, may be used as a substitute for fire sprinkler requirements when approved by the fire code official.

Exceptions:

1. All Group R-1, R-2 and R-4 occupancies shall have an approved, monitored, automatic sprinkler system installed regardless of the square foot size.

2. All Group A occupancies shall have an approved, monitored, automatic, sprinkler system installed where there is an occupant load of 50 or greater.
3. Automatic sprinkler systems in R-3 and U occupancies shall not be required to be monitored.

Such systems shall be in accordance with the International Fire Code, *International Building Code* and installed in accordance with NFPA 13, 13D or 13R as specified by the fire code official.

Notwithstanding the foregoing, an automatic monitored fire sprinkler system may be installed in any building regardless of floor area."

- (PP) Section 903.2.1.1 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group A-1 is hereby amended to read as follows:

"903.2.1.1 Group A-1.

An automatic sprinkler system shall be provided for all Group A-1 occupancies."

- (QQ) Section 903.2.1.2 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group A-2" is hereby amended to read as follows:

"903.2.1.2 Group A-2

An automatic sprinkler system shall be provided for all Group A-2 occupancies.

- (RR) Section 903.2.1.3 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group A-3" is hereby amended to read as follows:

"903.2.1.3 Group A-3

An automatic sprinkler system shall be provided for all Group A-3 occupancies.

- (SS) Section 903.2.1.4 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group A-4" is hereby deleted.

"903.2.1.4 Group A-4

An automatic sprinkler system shall be provided for all Group A-4 occupancies.

- (TT) Section 903.2.2 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group E" is hereby amended to read as follows:

"903.2.2 Group E

1. An automatic, monitored, sprinkler system shall be provided throughout all Group E fire areas 5,000 square feet (1524000mm) and greater in area or, the structure exceeds two stories in height. "

(UU) Sections 903.2.3 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group F-1" is hereby amended to read as follows:

"903.2.3 Group F-1

1. "Where a Group F-1 fire area is 5,000 square feet (1524000mm) or greater.
2. Where a Group F-1 fire area is located more than two stories above grade; or;
3. Where the combined area of all Group F-1 fire areas on all floors, including any mezzanines, 5,000 square feet (1524000mm) or greater."

(VV) Numbers 1, 2 and 3 of Section 903.2.6 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Where Required; Group M" is hereby amended to read as follows:

- "1. "Where a Group M fire area is 5,000 square feet (1524000mm) or greater.
2. Where a Group M fire area is located more than two stories above grade; or;
3. Where the combined area of all Group M fire areas on all floors, including any mezzanines, 5,000 square feet (1524000mm) or greater."

(WW) Section 903.2.7 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Where Required, Group R" is hereby amended to read as follows:

"903.2.7 Group R. An automatic fire sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings within a Group R fire area. In Group R-3 occupancies 5,000 square feet (1524000mm) or greater, an automatic sprinkler system shall be installed throughout in accordance with Sections 903.2, 903.3 and 903.3.1.3 and when any of the following apply:

- A. The fire department access roads are obstructed by low water crossings without approved secondary access.
- B. The building site is located on a dead-end roadway which exceeds 1,300 feet (396240mm) from the nearest thoroughfare's intersection.

- C. The fire department access road exceeds a 12% grade.
- D. The fire hydrant spacing exceeds 500 feet (152400mm) on the nearest fire department access road or the required fire flow is not available.
- E. The most remote point of a building is located more than 150 feet (45720mm) from the closest point on fire apparatus access roadway(s) as measure by an approved route around the exterior of the building.
- F. There are congregate living facilities with more than 10 persons.
- G. If the structure is higher than two (2) stories as defined in the International Building Code.

Exceptions:

- 1. Manufactured mobile home built on a chassis, designed and built as a dwelling unit; and recreational vehicles that were not site built and are portable in nature.
 - 2. All new, detached, non-commercial use, U occupancy buildings, to include but not limited to Ramada's, gazebos, barns, sheds, private garages, or shops, etc., constructed on any residential R-3 parcel(s), not exceeding 700 square feet, and not having habitable space, separated from another adjoining structure by no less than 30 feet and located no more than 300 feet from an approved fire department access roadway, as accessed via an approved route to the structure, shall not be required to install a residential fire sprinkler system.
- (XX) Numbers 1, 2 and 3 of Section 903.2.8 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group S-1" are hereby amended to read as follows:
- "1. "Where a Group S-1 fire area is 5,000 square feet (1524000mm) or greater.
 - 2. Where a Group S-1 fire area is located more than two stories above grade; or;
 - 3. Where the combined area of all Group S-1 fire areas on all floors, including any mezzanines, 5,000 square feet (1524000mm) or greater."

- (YY) Section 903.2.8.1(1) and (2) entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group S-1; Repair Garages" is hereby amended to read as follows:

"903.2.8.1 Repair garages.

1. Buildings two (2) or more stories in height, including basements, with a fire area containing a repair garage is 5,000 square feet (1524000mm) or greater.
2. One-story buildings with a fire area containing a repair garage is 5,000 square feet (1524000mm) or greater."

- (ZZ) Section 903.2.9 entitled "Fire Protection Systems, Automatic Sprinkler Systems; Where Required; Group S-2" is hereby amended to read as follows and by adding exceptions thereto:

"903.2.9 Group S-2. An automatic sprinkler system shall be provided throughout buildings where the fire area containing a Group S-2 occupancy is 5,000 square feet (1524000mm) or greater, including basements or where more than two stories in height.

Exceptions:

1. Open, non-combustible parking garages
2. Unenclosed, non-combustible shade structures or hangars"

- (AAA) Section 903.2.10 entitled "Automatic Sprinkler Systems; Where Required; Windowless stories in all occupancies" is hereby amended to read as follows:

"903.2.10 All occupancies except Group R-3 and U. An automatic sprinkler system shall be installed in the locations set forth in Sections 903.2.10.1 through 903.2.10.3."

- (BBB) Section 903 entitled "Fire Protection Systems; Automatic Sprinkler Systems" is hereby amended by adding a new subsection 903.2.14 thereto entitled "Fire Protection Systems; Automatic Sprinkler Systems; Where Required; Group B", to read as follows:

"903.2.14 Group B. An automatic monitored sprinkler system shall be provided throughout all Group B occupancies where any of the following exist:

1. Where Group B fire area is 5,000 square feet (1524000mm) and greater,
or

2. Where Group B fire area is located more than two stories above grade."

(CCC) Section 903.3.1.1.1 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Installation requirements; Exempt locations" is hereby amended by deleting item number 4:

(DDD) Section 903.3.1.3 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Installation requirements; NFPA 13D sprinkler systems" is hereby amended to read as follows:

"903.3.1.3 NFPA 13D sprinkler systems. Where installed, automatic sprinkler systems in one and two-family dwellings shall be constructed throughout in accordance with NFPA 13D, 901.2.1, and this code. NFPA 13-D systems shall include sprinklers in vehicle garages, livable spaces, and concealed or accessible spaces intended for storage use and/or future living space, as determined by the Building Official. Automatic sprinkler systems shall be provided throughout a fire area containing a Group R-3 occupancy where the fire area exceeds 5,000 square feet (1524000mm)."

(EEE) Section 903.3.5 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Installation requirements; Water supplies" is hereby amended to read as follows:

"903.3.5 Water supplies. Water supplies for automatic sprinkler systems shall comply with this section and the standards in Section 903.3.1 through Section 903.3.7. The potable water supply shall be protected against backflow. The introduction of any toxic substance shall be prohibited. If a sprinkler system is connected to a potable water supply, the use of solutions other than that of pure glycerin (C.P. or U.S.P. 96.5 percent grade) or propylene glycol shall not be permitted."

(FFF) Section 903.3.5 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Installation requirements; Water supplies" is hereby amended by adding a new subsection 903.3.5.3 entitled "Underground fire line" and 903.3.5.4 "Water requirements" thereto, to read as follows:

"903.3.5.3 Underground fire line. All underground fire lines shall be installed per, plans sealed by an Arizona registered Professional Engineer, NFPA 24, YAG Standards, approved by the fire code official, and installed, inspected, and certified by the design engineer, his representative or the fire code official."

"903.3.5.4 Water requirements. Automatic sprinkler system hydraulic calculations shall be based on the water supply data curve that is 90 percent of the available water supply curve (10% cushion)."

(GGG)Section 903.3 entitled "Fire Protection Systems; Automatic Sprinkler Systems; Installation requirements" is hereby amended by adding a new subsection

903.3.8 entitled "Speculative warehouse special requirements" thereto, to read as follows:

"903.3.8 Speculative warehouse special requirements. Speculative warehouses shall comply with Chapter 23, and this Chapter. Where the maximum allowable storage height can exceed 12 feet (3658mm) but less than 22 feet (6706mm) the following shall apply:

1. Design for a Class IV non-encapsulated commodity, double row rack storage, 8 foot (2,438mm) aisles and 286 degree sprinklers; and
2. Hydraulically design to protect the maximum possible clear height of storage without in-rack sprinklers; and
3. Add 500 GPM at the base of the riser for inside hose to hydraulic calculations, and provide the hose stub-outs for future installation or use existing columns for hose installing locations.

Where the maximum allowable storage height can exceed 22 feet (6706mm) the following shall apply:

1. Hydraulically design system to protect the maximum possible clear height of storage without in-rack sprinklers; and
2. Provide .64 GPM per square foot over the hydraulically most remote 2,000 square feet (609600mm); or use an approved alternative design such as ESFR sprinklers."

(HHH) Section 903.4 entitled "Fire Protection Systems, Automatic Sprinkler System; Sprinkler system monitoring and alarms" is hereby amended by deleting Exception Number 2 thereto.

(III) Section 903.4.2 entitled "Fire Protection Systems, Automatic Sprinkler System; Sprinkler system monitoring and alarms; Alarms" is hereby amended by adding new subsection 903.4.2.1 entitled "Occupant notification" thereto, to read as follows:

"903.4.2.1 Occupant notification. Approved occupant notification devices connected to the automatic fire sprinkler system shall be provided in the interior of the building, in normally occupied locations, as approved by the fire code official. Occupant notification alarms shall be in compliance with NFPA 72 and this code.

Exception: R-3 occupancies"

(JJJ) Section 903.4.3 entitled "Automatic Sprinkler Systems; Sprinkler System Monitoring and Alarms; Floor control valves" is hereby amended to read as follows:

"903.4.3 Floor control valves. When a building exceeds two (2) stories in height approved, supervised, indicating, control valves shall be provided at the point of connection to the riser on each floor.

Exception: R-3 occupancies"

(KKK) Section 903.6 entitled "Fire Protection Systems, Automatic Sprinkler System; Existing buildings" is hereby amended to read as follows:

"903.6 Existing buildings. The provisions of this section are intended to provide a reasonable degree of safety in existing structures not complying with the minimum requirements of the *International Building Code* by requiring installation of an automatic fire-extinguishing system. An approved, automatic, monitored, fire extinguishing system shall be provided throughout all existing buildings when Table 903.6 or any of the following occur / apply:

1. Any addition, to the interior or exterior of the structure, that increases the total floor area to 5,000 square feet (1524000mm) or greater or,
2. Any addition or conversion to an existing assembly occupancy that increases the occupant load by 10% or more or,
3. Any modification or alteration to an existing building, with a total floor area of 5,000 square feet (1524000mm) or greater, that breeches or removes a required fire rated wall assembly.
4. Occupied, unoccupied, and unused spaces within existing buildings, outside the scope of the change of use area, shall be provided with approved fire sprinkler and fire alarm system protection within 36 months of the fire protection system installation permit or as otherwise determined by the Fire Marshal with the approval of the Fire Chief.

The installation of a Sprinkler Alternative Wall (SAW) constructed in accordance with Section 705 of this code and Section 705.12 of the IBC may be used, in some cases, as a substitute for fire sprinkler requirements."

Exception: Group R-3 occupancies."

TABLE 903.6

SPRINKLER REQUIREMENTS BASED ON CHANGE OF OCCUPANCY FOR EXISTING STRUCTURES

Proposed Occupancy Classification	Current Occupancy Classification																									
	A-1	A-2	A-3	A-4	A-5	B	E	F-1	F-2	H-1	H-2	H-3	H-4	H-5	I-1	I-2	I-3	I-4	M	R-1	R-2	R-3	R-4	S-1	S-2	U
A-1	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
A-2	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
A-3	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
A-4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
A-5	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	
B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	NR ²	
F-1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
F-2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
H-1	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
H-2	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
H-3	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
H-4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
H-5	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
I-1	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
I-2	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
I-3	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
I-4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
M	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
R-1	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
R-2	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
R-3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
R-4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S-1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
S-2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

R = Sprinklers required for proposed occupancy
 NR = Sprinklers not required EXCEPT when proposed occupancy is 5,000 square feet or greater.
 NA = Not Applicable, except under special circumstances. See Fire Code Official for current Fire Code/Amendment exceptions/requirements
¹ = Sprinklers are required for all concession stands, retail areas, press boxes, and accessory uses 1,000 square feet or greater
² = Any portion of an "E" occupancy that becomes an Assembly use within that occupancy classification will be required to install fire sprinklers

(LLL) Section 907.2 entitled "Fire Protection Systems; Fire Alarm and Detection Systems; Where required--new building and structures" is hereby amended to read as follows:

"907.2 Where required – new buildings and structures. An approved manual, automatic, or manual and automatic fire alarm system shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23. Where automatic sprinkler protection, installed in accordance with Section 903.3.1.1 or 903.3.1.2, is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required.

Where automatic sprinkler protection is provided, approved fire alarm system notification appliances shall be installed in all occupancies over 5,000 square feet (1524000mm) of floor area and in all buildings over two stories in height regardless of total square footage.

Exception: Group R-3 occupancies."

(MMM)Section 907.2.1 entitled "Fire Protection Systems; Fire Alarm and Detection Systems; Where required--new building and structures; Group A" is hereby amended by adding a new subsection 907.2.1.3 entitled "Audibility in new and existing buildings" thereto, to read as follows:

"907.2.1.3 Audibility in new and existing buildings. To ensure that audible, public mode, signals are clearly heard, a fire alarm system shall be arranged to stop or reduce ambient noise, when required by the fire code official."

(NNN) Section 907.20 entitled "Fire Protection Systems; Fire Alarm and Detection Systems; Inspection, testing and maintenance" is hereby amended by adding a new subsection 907.20.6 entitled "Required monitoring" thereto, to read as follows:

"907.20.6 Required Monitoring. When required by the fire code official, fire alarm systems shall be monitored by an approved central, proprietary, or remote station. Owners/tenants of buildings with required fire alarm systems must report to the fire department the name and location of the monitoring company for that system. The fire code official shall be notified within 24 hours of any change or cancellation by the monitoring company or of any changes thereto."

(OOO) Section 912.5 entitled "Fire Protection Systems; Fire Department Connections; Backflow protection" is hereby deleted in its entirety.

(PPP) Section 1008.1.2 entitled "Means of Egress; Door, Gates, and Turnstiles; Door swing" is hereby amended by amending Exception Number 4 to read as follows:

"4. Doors within or serving a single dwelling unit in Groups R-2, R-3 as applicable in Section 101.2 of the City of Prescott Code, and R-4."

(QQQ) Section 1410 entitled "Fire Safety During Construction and Demolition; Access for Fire Fighting" is hereby amended by adding a new subsection 1410.3 entitled "Access road and signage" thereto, to read as follows:

"1410.3 Access road and signage. During construction, approved signs shall be located, to direct emergency responders into and through the construction site, as required by the fire code official."

(RRR) Section 2403.2 entitled "Tents, Canopies and Other Membrane Structures; Temporary Tents, Canopies and Membrane Structures; Approval required" is hereby amended to read as follows:

"2403.2 Approval required. Tents and membranes structures having an area in excess of 400 square feet (121920mm) or canopies in excess of 700 square feet (213360mm) shall not be erected, operated or maintained for any purpose without first obtaining a permit and approval from the fire code official.

Exception: Tents used exclusively for camping purposes."

- (SSS) Section 2403.5 entitled "Tents, canopies and other membrane structures; General; Use period" is hereby amended by adding a new paragraph and exception at the end thereof to read as follows:

"Use periods in excess of 180 days shall be regulated under the provisions of the International Building Code.

Exception: Use period may be extended as permitted by the fire code official."

- (TTT) Section 2702.1 entitled "Hazardous Materials – General Provisions; Definitions; Definitions" definition of "Secondary Containment" is hereby amended to read as follows:

"SECONDARY CONTAINMENT. That level of containment that is external to and separate from primary containment and is capable of safely and securely containing the material, without discharge, for a period of time reasonably necessary to ensure detection and remedy of the primary containment failure."

- (UUU) Section 3803.2.1.7 entitled "Liquefied Petroleum Gases; Installation of Equipment; Use of LP-gas containers in buildings; Portable containers; Use for food preparation" is hereby amended to read as follows:

"3803.2.1.7 Use for food preparation. Listed and approved LP-Gas commercial food service appliances shall be permitted to be used inside restaurants and in commercial food catering operations that are attended. No commercial food service appliances shall have more than two 10-ounce non-refillable butane gas containers with a maximum water capacity of 1.08 pounds per container connected directly to the appliance at any time.

Containers shall not be connected together by a manifold. The appliance fuel container(s) shall be an integral part of the listed, approved commercial food service device and shall be connected without the use of a hose. Butane containers shall be listed.

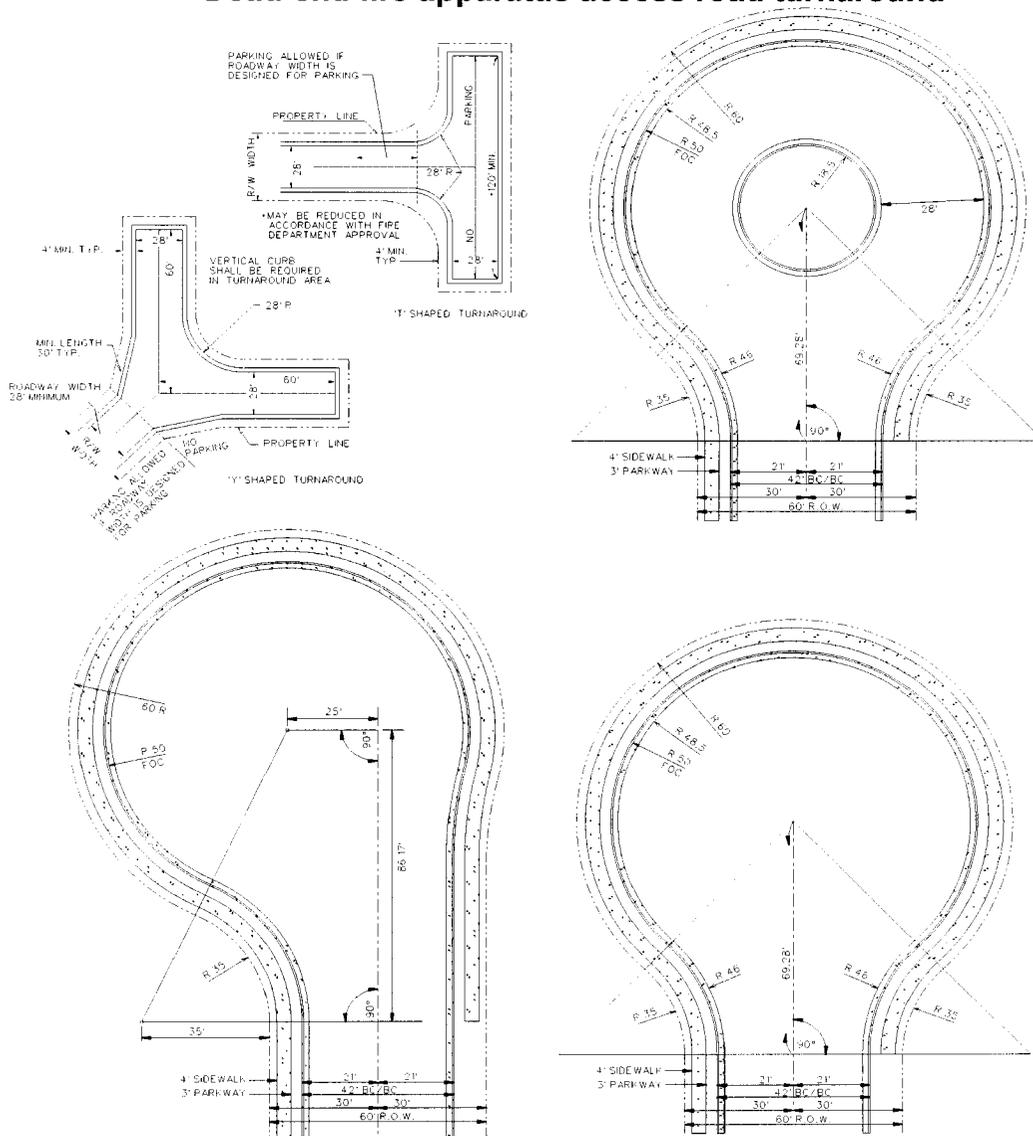
Storage in restaurants and at food service locations of 10-ounce butane non-refillable containers shall be limited to not more than twenty-four containers."

- (VVV) Section D103.1 of Appendix D entitled "Fire Apparatus Access Roads; Minimum Specifications; Access road with a hydrant" is hereby amended by deleting this section in its entirety.

- (WWW) Figure D103.1 entitled "Dead-End Fire Apparatus Access Road Turnaround" is hereby amended by replacing the illustration figure with an amended figure to illustrate and to read as follows:

[see illustration below]

Figure D103.1
Dead-end fire apparatus access road turnaround



(XXX) Section D103.2 entitled "Fire Apparatus Access Roads; Minimum Specifications; Grade" is hereby amended by deleting the exception and adding a new sentence at the end of section D103.2 to read as follows:

"D103.2 Grade. When a grade is approved by City Council in excess of 12 % on a fire department vehicle access roadway, fire sprinkler protection is required to be installed in accordance with Section 903 of the fire code. Any grades of 12% or greater shall not be permitted without prior approval of the City Council."

(YYY) Table D103.4 of Appendix D entitled "Requirements for Dead-End Fire Apparatus Access Roads" is hereby amended to read as follows:

**TABLE D103.4
REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS**

LENGTH (feet)	WIDTH (feet)	TURNAROUNDS REQUIRED
0-150	28	None required
151-750	28	120 feet Hammerhead, 60 feet "Y" or 100 feet diameter cul-de-sac in accordance with Figure D103.1
Over 750	Special approval required	Special approval required

(ZZZ) Figure D103.6 of Appendix D entitled "Fire Lane Signs" is hereby deleted in its entirety.

(AAAA) Section D103.6 of Appendix D entitled "Fire Apparatus Access Roads; Minimum Specifications; Signs" is hereby amended to read as follows:

"D103.6 Signs. Where required, by the fire code official, fire apparatus access roads shall be marked with permanent NO PARKING – FIRE – LANE signs complying with the provisions of the City of Prescott Fire Department fire lane sign detail."

(BBBB) Section D103.6 of Appendix D entitled "Roads 20 (6096mm) to 26 feet (7925mm) in width" is hereby amended by deleting Sections D103.6.1 and D103.6.2 in their entirety.

(CCCC) Section D107.1 entitled "Fire Apparatus Access Roads; One- or two-family residential developments" is hereby amended by deleting exception two and adding a new paragraph at the end thereof to read as follows:

"One or two family residential developments having more than 100 dwelling units shall be provided with two separate and approved fire apparatus access roads. One and two family residential developments having more than 200 dwelling units shall be provided with three or more approved fire apparatus access roads or as otherwise required through the discretion of the fire code official."