

**TOWN OF CAREFREE, ARIZONA
ORDINANCE NO. 2006-03**

AN ORDINANCE OF THE TOWN OF CAREFREE, MARICOPA COUNTY, ARIZONA, GRANTING A SPECIAL USE PERMIT TO USE CERTAIN REAL PROPERTY TO CONSTRUCT AND OPERATE A WIRELESS COMMUNICATION FACILITY ON THE CHRIST THE LORD LUTHERAN CHURCH, 9205 EAST CAVE CREEK ROAD.

BE IT ORDAINED BY THE MAYOR AND COMMON COUNCIL OF THE TOWN OF CAREFREE, MARICOPA COUNTY, ARIZONA AS FOLLOWS:

Section 1. Pursuant to Article V. Section 5.01 and 5.02(27) of the Town of Carefree Zoning Ordinance, a Special Use Permit shall be and hereby is granted to T-Mobile, for the construction and operation of a Wireless Communication Facility pursuant to Application No. Z06-02-SUP on tax parcel number 219-11-006M.

Section 2. The special use permit shall be and is subject to the following conditions:

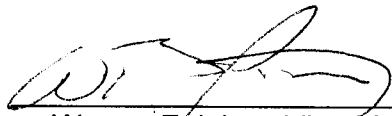
1. The building permit shall be in substantial conformance to the plans submitted with the Special Use Permit prepared by T-mobile.
2. All conduits running between the rooftop antennas and the ground mounted mechanical equipment shall be concealed within the wall or an extension of the wall which blends with the architecture of the building.
3. The roof top parapet and mechanical equipment screen wall shall blend with the texture and color of the building façade.
4. No equipment associated with this Special Use Permit shall rise above either the extended parapet(s) or the mechanical equipment screen wall.
5. No exterior lighting shall be permitted in association with the granting of this Special Use Permit.

Section 3. The Town of Carefree Zoning Map is hereby amended to reflect the issuance of the Special Use Permit granted hereunder.

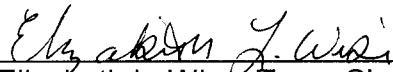
PASSED AND ADOPTED by the Mayor and Common Council of the Town of Carefree, Arizona, the 2ND day of May 2006.

Ayes 5 Noes 0 Abstentions 1 Absent 1

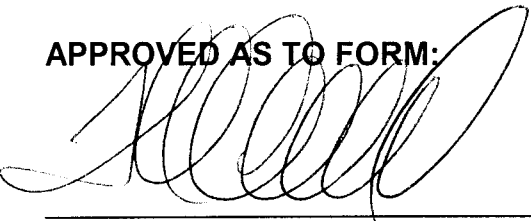
TOWN OF CAREFREE

By: 
Wayne Fulcher, Vice Mayor

ATTEST:


Elizabeth L. Wise, Town Clerk

APPROVED AS TO FORM:


Thomas K. Chenal, Town Attorney

ORDINANCE NO. 2006-02

AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE TOWN OF CAREFREE, MARICOPA COUNTY, ARIZONA, AMENDING SECTION 10-1-1 OF ARTICLE 10-1 OF CHAPTER 10 OF THE TOWN OF CAREFREE CODE TO PROVIDE FOR THE ADOPTION AND AMENDMENT OF CODES AND REGULATIONS FOR BUILDINGS, STRUCTURES AND USES THEREOF; PROVIDING FOR REPEAL OF EXISTING PROVISIONS OF THE TOWN CODE; PROVIDING FOR SEPARABILITY AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Mayor and Council deem it necessary, in order to protect the public health, safety and welfare and public and private property, to adopt certain rules and regulations controlling the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use and maintenance of heating, cooling, ventilating, process piping, refrigerator systems, incinerator or other heat-producing appliances and to adopt certain rules and regulations to regulate the erection, construction, enlargement, alteration, repair, moving, removal, demolition, conversion, occupancy, equipment, use, height, area and maintenance of all buildings or structures; and

WHEREAS, through the combined efforts of the three national model building code organizations (The International Conference of Building Officials, Building Officials and Code Administrators, and The Southern Building Code Congress International) there is now available a complete family of building, plumbing and mechanical code regulations know as the International Codes which have been developed through a process permitting involvement and input by all affected parties; and

WHEREAS, these International Codes have been designed to be used nationally across the United States in lieu of multiple regional codes; and

WHEREAS, this family of codes has been supported by organizations such as the Arizona Building Officials, Inc., National Association of Homebuilders, FEMA and the American Institute of Architects; and

WHEREAS, for the sake of statewide uniformity, the Arizona Building Officials, Inc. formed a subcommittee to formulate a set of uniform code amendments and held regular meetings throughout 2003 in various locations throughout the State of Arizona; and

WHEREAS, during these meetings, the Arizona Building Officials, Inc. subcommittee encouraged and received input from code officials, design professionals, the local Homebuilders Associations and other affected parties

and made a final recommendation to the Maricopa Association of Governments Building Codes Committee to adopt these uniform code amendments; and

WHEREAS, on November 19, 2003 to promote uniformity, the Maricopa Association of Governments (MAG) Building Codes Committee adopted these uniform amendments as a MAG Standard.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE TOWN OF CAREFREE, ARIZONA as follows:

SECTION 1: AMENDMENT OF SECTION 10-1-1 OF ARTICLE 10-1 OF THE CAREFREE TOWN CODE:

The following described documents including amendments thereto are hereby adopted by reference as the code for regulating the erection, construction, enlargement, alteration, repair, moving, removal, demolition, conversion, occupancy, equipment use, height, area and maintenance of buildings, structures and improvements in the Town of Carefree and for regulating conditions and hazards to life and property from fire or explosions. Each and all of the following regulations, provisions, conditions and terms of the following described documents and amendments thereto are hereby referred to, adopted and made a part of Section 10-1-1 of Article 10-1 of the Carefree Town Code as though fully set forth therein unless any portion thereof is in conflict with the Town of Carefree Zoning Ordinance which shall take precedence:

- A. 2003 INTERNATIONAL BUILDING CODE AND AMENDMENTS (collectively "IBC"); Published by International Code Council, Inc.
- B. 2003 INTERNATIONAL RESIDENTIAL CODE AND AMENDMENTS (collectively "IRC"); Published by International Code Council, Inc.
- C. 1994 UNIFORM PLUMBING CODE, STATE AMENDMENTS AND ADDITIONAL AMENDMENTS (collectively "UPC"); Published by International Association of Plumbing and Mechanical Officials.
- D. 2002 NATIONAL ELECTRICAL CODE AND AMENDMENTS (collectively "NEC"); Published by National Fire Protection Association, Inc.
- E. 2003 INTERNATIONAL MECHANICAL CODE AND AMENDMENTS (collectively "IMC"); Published by International Code Council, Inc.
- F. 2003 INTERNATIONAL FIRE CODE AND AMENDMENTS (collectively "IFC"); Published by International Code Council, Inc.

- G. H.“UNIFORM ABATEMENT OF DANGEROUS BUILDINGS,” 1994 EDITION, PUBLISHED BY THE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS, AND AMENDMENTS (collectively “UADB”);
- H. “UNIFORM SWIMMING POOL, SPA AND HOT TUB CODE,” 1994 EDITION, PUBLISHED BY THE IAMPO, AND AMENDMENTS (collectively “USP”);
- J. THAT CERTAIN DOCUMENT ENTITLED, “THE TOWN OF CAREFREE ADOBE CODE,” DATED APRIL 1985 AND AMENDMENTS
- J. THAT CERTAIN DOCUMENT ENTITLED, “CONDUCTING BLASTING OPERATIONS CODE,” DATED NOVEMBER 1998 AND AMENDMENTS

The IBC, IRC, UPC, NEC, IMC, IFC, UADB and USP are “codes” within the meaning of A.R.S. section 9-801. The Town of Carefree Adobe Code and Conducting Blasting Operations Code are hereby declared to be a public record of the Town of Carefree. Three copies of each of the foregoing documents have been and shall remain on file in the office of the town clerk and kept available for use and inspection by the public during office hours.

SECTION 2: REPEAL OF PORTIONS OF SECTION 10-1-1 OF ARTICLE 10-1 OF THE CAREFREE TOWN CODE

The 1994 UBC, 1994 UMC, 1994 UPC and 1996 NEC as defined in section 10-1-1 of Article 10-1 of the Carefree Town Code are hereby repealed as of the effective date of this ordinance. All ordinances or parts of ordinances in conflict with the provisions of this ordinance or any part of the codes adopted herein by reference are hereby repealed as of the effective date of this ordinance.

SECTION 3: SEPARABILITY

If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by the decision of any court or competent jurisdiction, such decision shall not effect the validity of the remaining portions thereof.


SECTION 4: EFFECTIVE DATE

This ordinance shall be effective on the ninety-first (91st) day following its adoption by the governing body of the Town of Carefree.

PASSED AND ADOPTED by the Mayor and Common Council of the Town of Carefree, Arizona this 2nd day of May, 2006.

6 AYES 0 NOES 0 ABSENTIONS 1 ABSENT

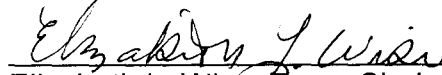
FOR THE TOWN OF CAREFREE



Wayne Fulcher, Vice Mayor

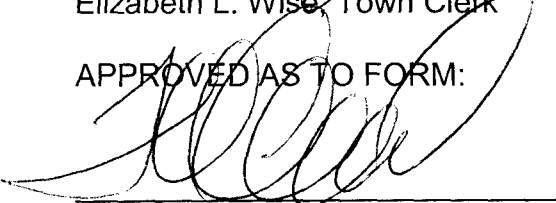
Date Signed: 5/4/06

ATTEST:



Elizabeth L. Wise, Town Clerk

APPROVED AS TO FORM:



Thomas K. Chenal, Town Attorney

TOWN OF CAREFREE
2003 INTERNATIONAL BUILDING CODE AND
AMENDMENTS
EFFECTIVE July 1, 2006

Article 10-1 of Chapter 10 of the Carefree Town Code is herewith amended to provide as follows:

- A. Effective July 1, 2006, there is herewith adopted, by reference, the International Building Code, 2003 Edition, by ordinance of the Mayor and Council of the Town of Carefree by reference thereto, as fully and completely as if the terms thereof were fully set forth herein, in total, except as modified or changed as follows:

(1) Chapter 1, "Administration", is hereby amended as follows:

101.1 Title. Insert the words "Town of Carefree" as the name of jurisdiction. Also add, "The fees and administrative provisions of Chapter 1 of this Code shall apply to all the adopted technical codes. When there is a conflict between these provisions and those of another technical code, these provisions shall apply. Where 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."

101.4 Referenced codes. Shall be deleted in its entirety and revised to read as follows:

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.6 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each reference. If another code is referenced elsewhere in this code and has not been adopted, then that section shall be considered invalid. The administrative requirements and fees specified in this Code shall supersede those in other adopted codes when there is a conflict.

Any references to the ICC Electrical Code shall be deleted and the words "2002 Electrical Code adopted by the Town of Carefree and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Fuel Gas Code shall be deleted and the words "1994 Uniform Plumbing Code with State amendments adopted by the Town of Carefree and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Plumbing Code shall be deleted and the words "1994 uniform Plumbing Code with State amendments adopted by the Town of Carefree and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Fire Code shall be deleted and the words "2003 International Fire Code adopted by the Town of Carefree and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Zoning Code shall be deleted and the words "Zoning Code adopted by the Town of Carefree and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Existing Building Code, International Private Sewage Disposal Code or International Energy Conservation Code shall be deleted except that the requirements of the 2003 International Energy Conservation Code shall only apply to all buildings regulated by the 2003 International Residential Code as adopted by the Town of Carefree.

101.4.1 Electrical. The provisions of the 2002 International Electrical Code adopted by the Town of Carefree and amended from time to time shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

101.4.2 Plumbing and Gas. The provisions of the 1994 Uniform Plumbing Code with State amendments adopted by the Town of Carefree and amended from time to time shall apply to the installation alterations, repairs and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all applicable aspects of a medical gas system. The provisions shall also apply to the installation of gas piping from the point of delivery, gas appliances and related accessories.

101.4.3 Mechanical. The provisions of the 2003 International Mechanical Code adopted by the Town of Carefree and amended from time to time 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.

101.4.5 Fire prevention. The provisions of the 2003 International Fire Code adopted by the Town of Carefree and amended from time to time shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire or 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 and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

101.4.6 International Energy Conservation Code. The provisions of the 2003 International Energy Conservation Code shall apply to all matters governing the design and construction of those structures regulated by the International Residential Code as adopted by the Town of Carefree.

103.3 Deputies. Delete the last sentence.

105.2 Work exempt from permit. Delete this section.

105.3.2 Time limitation of application. Amend to read as follows:

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application had been pursued in good faith or a permit has been issued; except that the Building Official is authorized to grant one extension of time for a period not to exceed 90 days. The extension shall be requested in writing and justifiable cause demonstrated.

105.5 Expiration. Amend to read as follows:

Every permit issued shall become invalid unless the work authorized by such permit is commenced and required inspections are requested by the permittee and approved by the Building Official within 180 days after its issuance, or if more than 180 days elapses between approval of required inspections. The Building Official shall be authorized to grant one extension of time for a period not to exceed 180 days. Permits shall not be extended more than once and all requests for extensions shall be in writing. 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 Town.

108.3 Building permit valuations. The following paragraphs shall be added after the last sentence:

For the purposes of determining valuations, the most current building valuation data as published by the International Code Council in Building Safety Journal

magazine, as such data is published from time to time, shall be used. The valuation for any shell-only buildings shall be permitted to be reduced by 20 percent. The valuation for any foundation-only permit shall be permitted to be reduced by 75 percent. When a foundation-only permit authorized by the Building Official, it shall be permitted to include the foundation, interior underground utilities and any interior slab-work when so specified. Any valuation not specifically provided for shall be determined by the Building Official and shall be classified in the use and construction type it most nearly resembles.

For the purposes of determining the fire permit valuation, the most current building valuation data as published by the International Code Council in Building Safety Journal magazine, as such data is published from time to time, shall be used to determine fire permit fee from Table 1-E, Section A. Any valuation not specifically provided for shall be determined by the Building Official and shall be classified in the use and construction type it most nearly resembles.

108.4 Work commencing before permit issuance. Add the following to the end of this subsection:

This fee shall be equal to the amount of the plan review and permit fee required by the adopted fees of the Town. The payment of such fee shall not exempt an applicant from nor from the penalty prescribed by law.

108.6 Refunds. This subsection shall be revised in its entirety to read as follows:

108.6 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 canceled before any 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.

Add the following two subsections:

108.7 Plan review fees. Said plan review fee shall be 65 percent of the permit fee as shown in Tables 1-A through 1-D in subsection 108.8. When a plan review for compliance with the Fire Code (exclusive of fire/smoke detection and/or suppressions systems) is required, a plan review fee of 35 percent of the previously stated 65 percent plan review fee shall be charged. Any submittals that require three or more reviews shall be charged an hourly rate of \$100.00 per review with a minimum rate of \$100.00. Fire systems plan review fee shall be 65 percent of the permit fee as shown in Tables 1-E, Section A.

In no case shall any plan review fee be less than \$35.00 except as stated otherwise in subsection 108.8.

108.8 Fee schedule. Unless otherwise indicated, the following fees will be applicable to residential and non-residential projects. Fire protection/suppression permits for new structures and modifications for fire protection/suppression systems shall be as listed in Table 1-E, Section B.

Permits for Existing Residential (R-3) Buildings, swimming pools, including but not limited to, interior alterations, detached garages, carports, storage sheds, patio covers and gazebos, shall be charged a building permit fee based on Table 1-A and a plan review fee of 65% of the building permit fee. For habitable room additions, the permit fee shall be based on Table 1-A and the plan review fee shall be 65% of the building permit fee. Revisions to any of the above types of plans shall be charged a \$50.00 plan review fee per hour.

TOWN OF CAREFREE

TABLE 1-A BUILDING PERMIT & PLAN REVIEW FEES

TOTAL VALUATION	BUILDING PERMIT FEES
\$1.00 to \$500.00	\$25.00
\$501.00 to \$2000.00	\$25.00 for the first \$500.00 plus \$3.00 for each additional \$100.00 or fraction thereof, to and including \$2,000.00
\$2001.00 to \$25,000.00	\$65.00 for the first \$2,000.00 plus \$15.00 for each additional \$1,000.00 or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$410.00 for the first \$25,000.00 plus \$13.00 for each additional \$1,000.00 or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	\$735.00 for the first \$50,000.00 plus \$10.00 for each additional \$1,000.00 or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$1,250.00 for the first \$100,000.00 plus \$9.00 for each additional \$1,000.00 or fraction thereof, to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$4,850.00 for the first \$500,000.00 plus \$14.00 for each additional \$1,000.00 or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$11,850.00 for the first \$1,000,000.00 plus \$5.00 for each additional \$1,000.00 or fraction thereof

Other Inspections and Fees:

(Applies to building, structural, electrical, mechanical and plumbing).

1. Inspections outside of normal business hours (minimum charge – 4 hours, collected prior to conducting inspection(s)).....\$100.00 per hour
2. Reinspection fees.....\$100.00 per hour*
3. Inspections or administrative services for which no fee is specifically indicated\$100.00 per hour*
4. Additional review required by changes, additions, or lost plans or plan review comment sheets (minimum charge 1 hour).....\$100.00 per hour
5. For use of outside consultants for plan checking and/or inspections.....Actual Cost**
6. Site plan review (or revision) for residential standard plan submittals.....\$50.00 each
7. Review of deferred submittals (submitted after initial plan review)\$175.00 per submittal
8. Certificate of Occupancy permit (except R-3 single-family accessory uses).....\$50.00 per building or "shell" plus \$25.00 for each additional non-residential tenant improvement. \$25.00 per building for R-3 single-family. All Certificate of Occupancy permit fees (except those in #9 below) shall be collected at time of permit issuance.
9. Temporary, partial or conditional Certificate of Occupancy.....Same as for Certificate of Occupancy in #8 above and shall be collected prior to conducting inspection.
10. Replication of plans (when legally authorized)Actual replication cost plus \$100.00
11. Annual renewal of standard residential plans (per plan)\$30.00
12. Annual renewal of standard swimming pool plans (per plan).....\$30.00
13. Expedited plan review of commercial/industrial/multifamily projects.....Double plan review fee
14. Preliminary fee for standard residential plans.....\$500.00 per standard plan, due at

submittal	
15. Written response to request for bldg. code or bldg. safety division policy issues.....	\$50.00
16. Stamping of additional approved plans (after the 2 initially submitted sets).....	\$50.00 each
17. Fee for annual permit per section 105.1.1.....	\$500.00
18. Public schools will only be charged the actual costs incurred from plan review and/or inspection by consultants as well as any reinspection fees as specified in #2 above and section 108.8.	

*Or the total hourly cost to the jurisdiction, whichever is greater. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.
Minimum charge: one hour.

**Actual costs include consultant's fees and town administration and overhead costs at the rate of \$100.00 per hour with a minimum charge of one hour, or normal plan review fees, whichever is greater.

109.3.3 Lowest floor elevation. Amend to read as follows:

The elevation certificate required in Section 1612.5 shall be submitted when required by the Building Official.

110 Certificate of Occupancy. Amend to read as follows:

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 occupancy there for 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 ordinances of the 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.

112 Board of Appeals. Amend as follows:

112.3 The Board of Adjustment to serve as the Board of Appeals.
In order to determine the suitability of alternate materials and methods of construction and to provide for reasonable interpretation of the provisions of this , code, there shall be and is hereby created a Board of Appeals. The Building Official shall be an ex-officioc member of and shall act as secretary to said Board. The members of the Board of Adjustments from time to time in office shall constitute the Board of Appeals. Appeals to the Board shall be processed in accordance with the provisions of this code. Copies of all rules or regulations adopted by the Board shall be delivered to the Building Official, who shall make them freely accessible to the public.

Add the following subsections:

112.4 Application. The application shall be filed in writing and submitted to the Building Official within 20 calendar days after the notice was served.

112.5 Notice of meeting. The board shall meet upon notice from the Building Official, Fire Official or Code Enforcement Manager within ten calendar days of the filing of an appeal.

112.5.1 Open hearing. All hearings before the board shall be open to the public. The appellant, the appellant's representative, the Building Official, the Fire Official, the Code Enforcement Manager and any person whose interests are affected shall be given an opportunity to be heard.

112.5.2 Postponed hearing. When five 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.

112.5.3 Board decision. The board shall modify or reverse the decision of the Building Official, Fire Official or Code Enforcement Manager by a majority vote of its members.

112.5.4 Administration. The Building Official, Fire Official and Code Enforcement Manager shall take immediate action in accordance with the decision of the board.

(2) Chapter 2, "Definitions", is hereby amended to read as follows:

201.3 Terms defined in other codes. Delete this section in its entirety.

(3) Chapter 3, "Use and Occupancy Classification", is hereby amended as follows:

Sections 308.2, 308.3, 310.1, 310.1.1, 310.1.2 and 310.2 of Section 308, "Institutional Group I", to read as follows:

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 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 centers

Convalescent facilities

A facility such as the above with 10 or fewer persons shall be classified as a Group R-4 Condition 1 or shall comply with the *International Residential Code* in accordance with Section 101.2 where the building is in compliance with Section 419 of this code.

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 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 the 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.

This occupancy shall also include buildings and structures used for assisted living homes providing supervisory, personal, or direct care on 24-hr basis of more than 10 persons who are not capable of self preservation by responding to an emergency situation without physical assistance from staff. A facility such as the above with ten or fewer persons shall be classified as R-4 Condition 2.

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

310.1.1 Condition 1. This occupancy condition 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.

310.1.2 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.

R-4 occupancies shall meet the requirements for construction as defined in Group R-3 except as otherwise provided for in this code, and Section 419 or shall comply with the International Residential Code in accordance with section 101.2 where the building is in compliance with Section 419 of this code,

310.2 Definitions

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.

DIRECTED 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.

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: residential board and care facilities, assisted living homes, halfway houses, group homes, congregate care facilities, social rehabilitation facilities, alcohol and drug abuse centers and convalescent facilities.

(4) Chapter 4, "Special Detailed Requirements Based on Use and Occupancy", is hereby amended as follows:

Section 406.1.4 (1), "Separation", to read as follows:

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 1-

3/8 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.

In buildings protected with an automatic fire sprinkler system, including the private garage, the room finish materials shall be permitted to be a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side.

Add new section 419, Residential Care/Assisted Living Homes”, to read as follows:

419 RESIDENTIAL CARE/ASSISTED LIVING HOMES

419.1 Applicability. The provisions of this section shall apply to a building or part thereof housing 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.

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.

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.

419.3.1 Mixed Uses. R-4 occupancies shall be separated from other uses as provided in Table 302.3.2.

419.4 Access and Means of Egress Facilities.

419.4.1 Accessibility. R-4 occupancies shall be provided with at least one accessible route per the Arizonans with disabilities act. 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 ICC/ANSI A 117.1.

419.4.2 Exits

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.

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.

419.4.2.3 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 ICC Electric Code.

419.4.2.4 Emergency Escape and Rescue. R-4 occupancies shall comply with the requirements of Section 1025, except that Exception 1 to Section 1025.1 does not apply to R-4 occupancies.

419.4.2.5 Delayed egress locks. In R-4 Condition 2 occupancies, delayed egress locks shall be permitted in accordance with Sections 1008.1.3.4 and 1008.1.8.6, items 1, 2, 4, 5 and 6.

419.5 Smoke Detectors and Sprinkler Systems

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

419.5.2 Sprinkler Systems. R-4 occupancies shall be provided with a sprinkler system installed in accordance with the Fire Code. Sprinkler systems installed under this Section shall be installed throughout, including attached garages, and in 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 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.

(5) Chapter 5, "General Building Heights and Areas", is hereby amended as follows:

Section 507, "Unlimited Area Buildings", is hereby amended, in part, to read as follows:

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, without H fire areas, 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.

Exception: Group H fire areas as permitted by Section 507.6.

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, without H fire areas, 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.

Exception: Group H fire areas as permitted by Section 507.6.

(6) Chapter 9, "Fire Protection Systems", is hereby amended as follows:

901.1 Scope. Add the following sentences:

Wherever the words "Building Official" appear in Sections 901 through 904 they shall be deleted and the words "Fire Official" shall be inserted in lieu thereof. Where there is a conflict regarding fire suppression systems and/or alarms between this code and the Fire Code, the Fire Code shall prevail.

901.5 Acceptance tests. Amend to read as follows:

901.5 Acceptance tests. Fire protection systems shall be tested in accordance with the Fire Code adopted by the Town of Carefree. It shall be unlawful to use, occupy or furnish any portion of a structure until the fire protection systems of the structure have been tested and approved.

903 Automatic Sprinkler Systems is hereby deleted in its entirety and the following inserted in lieu thereof:

903.1 Approved automatic fire extinguishing systems shall be provided and installed in accordance with the Fire Code adopted by the Town of Carefree and amended from time to time.

(7) Chapter 10, "Means of Egress", is hereby amended as follows:

Section 1008.1.2, Door swing, Exception 3, to read as follows:

3. Doors within or serving a single dwelling unit in Groups R-2, R-3 as applicable in Section 101.2, and R-4.

Section 1008.1.9 is hereby amended to read as follows:

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): 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.

Exception. A main exit of a Group A use, in compliance with Section 1008.1.8.3 Exception 2.

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.

Section 1024.3 is hereby amended to read as follows:

1024.3 Assembly other exits. In addition to having access to a main exit, each level of an occupancy in Group A having an occupant load of greater than 300 shall be provided with additional means of egress that shall provide an egress capacity for at least one-half of the total occupant load served by that level and comply with Section 1014.2.

(Exception to remain.)

(8) Delete Chapter 11, "Accessibility", in its entirety and insert, in lieu thereof, the following:

Arizonans with Disabilities Act" (Arizona Revised Statutes, Title 41, Chapter 9, Article 8), and the "Arizonans with Disabilities Act Implementing Rules" (Arizona Administrative Code, Title 10, chapter 3, Article 4), which rules incorporate the

federal "Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities," be and the same is hereby adopted as the Arizonans with Disabilities Act of the Town, and shall apply to new construction and alterations and are not required in buildings or portions of existing buildings that do not meet the standards and specifications and this act is hereby referred to, adopted and made a part hereof as though fully set forth in this section.

Add new subsection 1207.4 to section 1207, "Sound Attenuation", to read as follows:

(9)1207.4 Sound attenuation. All residential buildings or portions of buildings where the public is received, office areas and where normal noise level is low for first occupancy, including libraries, schools and churches, pursuant to building permits issued after December 31, 2001 in order to achieve a maximum interior noise level of forty-five (45) decibels in areas within the noise contours described in ARS section 28-8461, paragraph 8, subdivision (a), (b) or (c), as applicable.

These sound attenuation requirements do not apply to ancillary buildings used in agricultural land use.

If the gross floor area of a structure or project is expanded by less than fifty (50) percent, the requirements of this section apply only to the area of expansion. If the gross floor area of a structure or project is expanded by fifty (50) percent or more, the requirements of this section apply to the entire structure, except for single family, mobile home, manufactured housing unit or duplex dwellings or any multifamily property used for residential purposes.

The Building Official may approve as an alternative, a certification by an architect or engineer registered pursuant to Title 32, Chapter 1 to achieve a maximum interior noise level of forty-five (45) decibels at time of final construction."

(10) Chapter 15, "Roof Assemblies and Rooftop Structures", is hereby amended to reads as follows:

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

1503.4.1 Gutters. Gutters and leaders placed on the outside of buildings, other than Group R-3 as applicable in Section 101.2, private garages and buildings of Type V construction, shall be of noncombustible material or a minimum of Schedule 40 plastic pipe.

1503.4.2 Where required. All roofs, paved areas, yards, courts and courtyards shall drain into a separate storm sewer system, or a combined sewer system, or to an approved place of disposal.

1503.4.3 Roof design. Roofs shall be designed for the maximum possible depth of water that will pond thereon as determined by the relative levels of roof deck and overflow weirs, scuppers, edges or serviceable drains in combination with the deflected structural elements. In determining the maximum possible depth of water, all primary roof drainage means shall be assumed to be blocked.

1503.4.4 Overflow drainage required. Overflow (emergency) roof drains or scuppers shall be provided where the roof perimeter construction extend above the roof in such a manner that water will be entrapped if the primary drains allow buildup for any reason.

1503.4.4.1 Separate systems required. Overflow roof drain systems shall have the end point of discharge separate from the primary system. Discharge shall be above grade, in a location, which would normally be observed by the building occupants or maintenance personnel.

1503.4.4.2 Overflow drains and scuppers. Where roof drains are required overflow drains having the same size as the roof drains shall be installed with the inlet flow line located 2 inches (51 mm) above the low point of the roof, or overflow scuppers having three times the size of the roof drains may be installed in the adjacent parapet walls.

Scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by the plumbing code. Scuppers shall not have an opening dimension of less than 4 inches (102 mm). The flow through the primary system shall not be considered when sizing the secondary roof drain system.

(11) Chapter 16, "Structural Design", is hereby amended as follows:

Revise Item 27 in Table 1607.1 to read as follows:

OCCUPANCY OR USE	UNIFORM (psf)	CONCENTRATED (lbs.)
27. Residential		
One- and two-family dwellings		
Uninhabitable attics with storage ⁱ	40	
Habitable attics and sleeping areas	40	

i. For trussed systems, this live load need not be considered as acting simultaneously with other live loads imposed upon the ceiling framing or its supporting structure.

(12) Chapter 17, "Structural Tests and Special Inspections", is hereby amended as follows:

Section 1704.5, "Masonry construction", is modified by adding two additional exceptions to read as follows:

3. Masonry fences six feet or less in height above grade.
4. Masonry retaining walls four feet or less in height from bottom of footing to top of wall unless supporting a surcharge or impounding flammable liquids.

(13) Chapter 18, "Soils and Foundations", is hereby amended as follows:

Section 1804.2 and 1805.2 are to read as follows:

1804.2 Presumptive load-bearing values. The maximum allowable foundation pressure, lateral pressure or lateral sliding resistance values for supporting soils near the surface shall not exceed the values specified in Table 1804.2 unless data to substantiate the use of a higher value are submitted and approved. Presumptive load-bearing values shall apply to materials with similar physical characteristics and dispositions.

Mud, organic silt, organic clays, peat or unprepared fill shall not be assumed to have a presumptive load bearing capacity unless data to substantiate the use of such a value are submitted.

Exception: A presumptive load-bearing capacity is permitted to be used where the building official deems the load-bearing capacity of mud, organic silt or unprepared fill is adequate for the support of lightweight and temporary structures.

1805.2 Depth of footings. The minimum depth of footings below the undisturbed ground surface shall be 12 inches (305 mm). Where applicable, the depth of footings shall also conform to Sections 1805.2.1 through 1805.2.3.

(14) Chapter 29, "Plumbing Systems", is hereby amended to read as follows:

Revise Table 2902.1, "Minimum Number of Required Plumbing Facilities", Items 2 and 6, to read as follows:

**TABLE 2902.1
MINIMUM NUMBER OF REQUIRED PLUMBING FACILITIES^a**

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		—	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		—	1 per 1,000	

(15) Chapter 31, "Special Construction" Is hereby amended by deleting section 3109, "Swimming Pool Enclosures". The Town of Carefree Zoning Code shall be used to determine barrier requirements for swimming pools.

(16) Appendix A, "Employee Qualifications", is hereby deleted in its' entirety.

(17) Appendix B, "Board of Appeals", is hereby deleted in its' entirety.

(18) Appendix D, "Fire Districts", is hereby deleted in its entirety.

(19) Appendix E, "Supplementary Accessibility Requirements", is hereby deleted in its entirety.

(20) Appendix F, "Rodent Proofing", is hereby deleted in its' entirety.

(21) Appendix G, "Flood Resistant Construction", is hereby deleted in its' entirety.

(22) Appendix H, "Signs", is hereby deleted in its' entirety.

TOWN OF CAREFREE
2003 INTERNATIONAL RESIDENTIAL CODE
AND AMENDMENTS
EFFECTIVE July 1, 2006

- B. Effective July 1, 2006, there is herewith adopted, by reference, the International Residential Code, 2003 Edition, published by the International Code Council, be and the same are hereby adopted as the Code of the Town of Carefree for regulating the erection, construction, enlargement, alteration, repair, moving, removal, demolition, conversion, occupancy, equipment, use, height, area, and maintenance of all buildings or structures as defined in this Code in the Town of Carefree providing for issuance of permits and collection of fees therefore and each and all of the regulations, provisions, conditions and terms of such International Residential Code, 2003 Edition, published by ordinance of the Mayor and Council of the Town of Carefree, by reference in total and as if each of the provisions thereof were set forth herein, except as amended or modified as follows:

(1) Chapter 1, "Administration", is hereby amended as follows:

R101.1 Title. Insert the words "Town of Carefree" as the name jurisdiction.

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 I APPLIANCES, AND
APPLIANCES LISTED FOR USE AND TYPE B VENTS APPENDIX C
EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECTVENT
VENTING SYSTEMS APPENDIX D RECOMMENDED PROCEDURE
FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE
INSTALLATION APPENDIX H PATIO COVERS APPENDIX K SOUND
TRANSMISSION

R102.7 Existing structures. Delete the words "or the International Fire Code" and insert in lieu thereof, 'as adopted by the Town of Carefree.

105.3.2 Time limitation of application. Amend to read as follows:

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application had been pursued in good faith or a permit has been issued; except that the Building Official is authorized to grant one extension of time for period not to exceed 90 days. The extension shall be requested in writing and justifiable cause demonstrated.

105.5 Expiration. Amend to read as follows:

Every permit issued shall become invalid unless the work authorized by such permit is commenced and required inspections are requested by the permittee and approved by the Building Official within 180 days after its issuance, or if more than 180 days elapses between approval of required inspections. The Building Official shall be authorized to grant one extension of time for period not to exceed 180 days. Permits shall not be extended more than once and all requests for extensions shall be in writing. 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 Town.

R107.3 Temporary power. Delete the words "ICC Electrical Code" and insert in lieu thereof, "Electrical Code adopted by the Town of Carefree and amended from time to time."

R110.1 Use and occupancy: Amend to read as follows:

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 therefore 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 ordinances of the jurisdiction. Certificates presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction are invalid.

R110.2 Change in use. Add the following words to the end of the sentence:

"as adopted by the Town of Carefree and amended from time to time."

R113.3 Prosecution of violation. If the notice of violation is not complied with in the time prescribed by such notice, the Building Official is authorized to request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto.

(2) Chapter 2, "Definitions", is hereby amended by adding the following definition to read as follows:

EXTERIOR WALL: An above-grade wall that defines the exterior boundaries of a building. Includes between-floor spandrels, peripheral edges of floors, roofs and basement knee walls, dormer walls, gable end walls, walls enclosing a mansard roof, and basement walls with an average below grade wall area that is less than 50 percent of the total opaque and non-opaque area of that enclosing side.

(3) Chapter 3, "Building Planning", is hereby amended to read as follows:

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

'Roof Snow Load: N/A
 Wind speed: 90 mph, Exposure B (Unless otherwise designated by the Building Official)
 Seismic Design Category: B
 Weathering: NEGLIGIBLE
 Frost Line Depth: 12"
 Termite: MODERATE TO HEAVY
 Decay: NONE TO SLIGHT
 Winter Design Temperature: 24 degrees F
 Flood Hazards: (a) July 9, 1984, (b) July 19, 2001'

Modify Table R301.5, in part, to read as follows:

TABLE R301.5
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS
 (In pounds per square foot)

USE	LIVE LOAD
Attics with storage ^b	40
Attics without storage ^{b, g}	10
Sleeping Rooms	40

Footnotes a through f to remain unchanged.

g. For trussed systems, this load need not be considered as acting simultaneously with other live loads imposed upon the ceiling framing or its supporting structure.

R306.4 Water supply to fixtures. All plumbing fixtures shall be connected to an approved water supply. Kitchen sinks, lavatories, bathtubs, showers, bidets, laundry tubs and washing machine outlets shall be provided with hot and cold water. A 125-volt, 15-ampere-rated receptacle outlet shall be installed in an accessible location under each bathroom lavatory and kitchen sink to allow for the operation of a point-of-service hot water re-circulating pump. If a central hot water re-circulating pump is installed at the time of final inspection, the outlets will not be required. All hot water lines shall be completely insulated with a minimum of R-4 insulation.

R309.1 Opening protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1³/₈ inch (35 mm) in thickness, solid or honeycomb core steel doors not less than 1³/₈ inches (35 mm) thick, or 20-minute fire-rated doors. Doors providing opening protection shall be maintained self-closing and self-latching.

R309.2, "Separation required", add the following sentence:

R310.1, "Emergency rescue and escape openings", add the following additional sentence to end of section:

Such openings shall open directly into a public street, public alley, yard or court.

Revise Section 320.1, "Subterranean termite control", to read as follows:

R320.1 Subterranean termite control. In areas designated as "slight to moderate", "moderate to heavy" and "very heavy", as established by Table R301.2(1), methods of protection shall be by chemical soil treatment, pressure preservative treated wood in accordance with the AWPA standards listed in Section R319.1, naturally termite-resistant wood, or physical barriers (such as metal or plastic termite shields), or any combination of these methods.

Add new section R328 to read as follows:

R328 Sound Attenuation: Buildings covered under the International Residential Code shall be subject to the following provisions:

- 1) Exterior wall penetrations by pipe ducts or conduits shall be caulked.
- 2) Mailboxes shall not be used through the door or wall.
- 3) Windows shall have two panes of glass and sound transmission rating of STC-22. All operable windows shall be weather stripped and airtight in accordance with ASTM R- 283-84-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 walls 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-30.

Any residential structure, addition or alteration constructed within the DNL noise contours established in the 1988 Maricopa Association of Governments (MAG) Westside Joint Land Use Study shall comply with the Sound Attenuation requirements adopted by the MAG Building Codes Committee on April 17, 1996 as listed in Resolution # R04-2003."

If the specified requirements of section R328 are not met, the Building Official may approve as an alternative, a certification by an architect or engineer registered pursuant to Title 32, Chapter 1 to achieve a maximum interior noise level of forty-five (45) decibels at time of final construction.

(4) Chapter 4, "Foundations", is hereby amended to read as follows:

Delete section R401.5 and add new section R401.4.2:

R401.4.2 Compressible or shifting soils.: In lieu of a complete geotechnical evaluation, when top or sub-soils are compressible or shifting, such soils shall be removed to a depth and width sufficient to assure stable moisture content in each active zone and shall not be used as fill or nor stabilized within each active zone by chemical, dewatering, or pre-saturation.

- (5) Chapter 10, "Chimneys and Fireplaces", is hereby amended to read as follows:

**TABLE R1003.1
SUMMARY OF REQUIREMENTS FOR MASONRY FIREPLACES AND CHIMNEYS**

ITEM	LETTER ^A	REQUIREMENTS	SECTION
Hearth slab thickness	A	4"	R1003.9.1
Hearth extension (each side of opening)	B	8" fireplace opening < 6 sq. ft. 12" fireplace opening > 6 sq. ft.	R1003.10
Hearth extension (front of opening)	C	16" fireplace opening < 6 sq. ft. 20" fireplace opening > 6 sq. ft.	R1003.10
Hearth slab reinforcing	D	Reinforced to carry its own weight and all imposed loads.	R1003.9
Thickness of wall of firebox	E	10" solid brick or 8" where a firebrick lining is used. Joints in firebrick 1/4" max.	R1003.5
Distance from top of opening to throat	F	8"	R1003.7
Smoke chamber wall thickness	G	6" for lined walls 8" for unlined walls	R1003.8
Chimney Vertical reinforcing ^b	H	Four No. 4 full-length bars for chimney up to 40" wide. Add two No. 4 bars for each additional 40" or fraction of width or each additional flue	R1003.3.1
Horizontal reinforcing ^b	J	1/4-inch ties at each 18 inches and two ties at each bend in vertical steel	R1003.3.2
Bond beams	K	No specified requirement	
Fireplace lintel	L	Noncombustible material.	R1003.7
Chimney walls with flue lining	M	Solid masonry units or hollow masonry units grouted solid with at least 4 inch nominal thickness.	R1001.7
Walls with unlined flue	N	8" solid masonry.	
Distances between adjacent flues	-	See Section R1001.10.	
Effective flue area (based on area of Fireplace opening)	P	See Section R1001.12.	
Clearances: Combustible material Mantel and trim Above roof	R	R See Sections R1001.15 and R003.12. See Section R1001.13. 3' at roofline and 2' at 10'.	
Anchorage, Strap Number Embedment into chimney Fasten to Bolts	S	3/16" x 1" R1003.4.1 Two 12" hooked around outer bar with 6" extension 4 joists Two 1/2" diameter.	
Footing Thickness Width	T	12" min. R1003.2 6" each side of fireplace wall.	

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 square foot = 0.0929m².

NOTE: This table provides a summary of major requirements for the construction of masonry chimneys and fireplaces. Letter references are to Figure R 1003.1, which shows examples of

typical construction. This table does not cover all requirements, nor does it cover all aspects of the indicated requirements. For the actual mandatory requirements of the code, see the indicated section of text.

- a. The letters refer to Figure R 1003.1.
- b. Not required in Seismic Design Category A, B or C.

(6) Chapter 14, "Heating and Cooling Equipment", is hereby amended to read as follows:

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

M1411.3.1 Auxiliary and secondary drain systems. In addition to the requirements of Section M1411.3, a secondary drain or auxiliary drain pan shall be required for each cooling or evaporator coil where damage to any building components will occur as a result of overflow from the equipment drain pan or stoppage in the condensate drain piping. Such piping shall maintain a minimum horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12 units horizontal (1-percent slope). Drain piping shall be a minimum of 3/4-inch (19.1 mm) nominal pipe size. One of the following methods shall be used:

(The remainder of the section to remain unchanged.)

(7) Chapter 17, "Combustion Air", is hereby amended to read as follows:

M1703.2 Two openings or ducts. Outside combustion air shall be supplied through openings or ducts, as illustrated in Figures M1703.2(1), M1703.2(2), M1703.2(3) and M1703.2(4). One opening shall be within 12 inches (305mm) of the top of the enclosure, and one within 12 inches (305mm) of the bottom of the enclosure. For LPG appliances, any duct serving the lower opening shall be at the floor level and slope to the outdoors without traps or pockets. Openings are permitted to connect to spaces directly communicating with the outdoors, such as ventilated crawl spaces or ventilated attic spaces. The same duct or opening shall not serve both combustion air openings. The duct serving the upper opening shall be level or extend upward from the appliance.

(8) Chapter 24, "Fuel Gas", is hereby amended to read as follows:

G2415.9 (404.9) Minimum burial depth: Underground piping systems shall be installed a minimum depth of 12 inches (305 mm) below grade for metal piping and 18 inches (457mm) for plastic piping.

(9) Chapter 35, "Services", is hereby amended to read as follows:

Revise Table E3503.1 as follows (Minimum Grounding Electrode Conductor Size to remain the same)

CONDUCTOR TYPES AND SIZES—THHW, THW, THWN, USE, XHHW Service or Feeder (Parallel sets of 1/0 and larger conductors are permitted in either Rating (Amperes) a single raceway or in separate raceways)			
Copper (AWG)	Aluminum and copper-clad aluminum (AWG)	≤30°C (86°F)	> 30°C 86°F)
4	2	100	
3	1	110	
2	1/0	125	100
1	2/0	150	125
1/0	3/0	175	150
2/0	4/0	200	175
	or two sets of 1/0		
3/0	250 kcmil	225	200
	or two sets of 3/0		
4/0	300 kcmil	250	225
or two sets of 1/0	or two sets of 3/0		
250 kcmil	350 kcmil	300	250
or two sets of 2/0	or two sets of 4/0		
350 kcmil	500	350	300
or two sets of 3/0	or two sets of 250 kcmil		
400 kcmil	600	400	350
or two sets of 4/0	or two sets of kcmil		
500 kcmil	750 kcmil		400

(10) Chapter 38, "Power and Lighting Distribution" is hereby amended to read as follows:

E3802.7 Sink, wash basin, tub, or shower receptacles. All 125-volt, single-phase, 15- and 20- ampere convenience receptacles that are located within 6 feet (1829 mm) of the outside edge of any sink, wash basin, tub, or shower shall have ground-fault circuit-interrupter protection for personnel.

TOWN OF CAREFREE 1994 UNIFORM PLUMBING CODE AND STATE AMENDMENTS

C. Effective July 1, 2006, there is herewith adopted, by reference, the Uniform Plumbing Code, 1994 Edition, including Appendix Chapters: A, B, D, E, F, and H and IAPMO Installation Standards published by the International Association of Plumbing and Mechanical Officials and as declared a public record by ordinance of the Mayor and Council of the Town of Carefree, by reference in total and as if each of the provisions thereof were set forth herein, except as amended or modified as follows:

- (1) Move Section 101.4.1.3 to a new Section 301.1.5.
- (2) Move Section 101.5.2 to a new Section 301.1.6.
- (3) Move Section 101.5.4 to a new Section 301.1.7.
- (4) Move Section 101.5.5 to a new Section 301.1.8.
- (5) Delete Subsection 102.3.2, "Penalties."
- (6) Modify Subsection 103.4, "Fees" by deleting Subsections 103.4.1 through, and including, 103.4.5.3 and inserting, in lieu thereof, the following:

"103.4.1 Permit and Plan Review Fees. The fees for each plumbing permit shall be as set forth in the International Building Code adopted by the Town."
- (7) Move Section 103.5 to new Section 318.0.
- (8) Move Section 103.5.1 to new Section 318.1.
- (9) Move Section 103.5.1.1 to new Section 610.15.
- (10) Move Section 103.5.1.2 to a new Section 318.2.
- (11) Move Section 103.5.1.3 to a new Section 318.3.
- (12) Move Section 103.5.1.4 to a new Section 318.4.
- (13) Move Section 103.5.3 to a new Section 319.0.

- (14) Move Section 103.5.3.1 to a new Section 319.1.
- (15) Move Section 103.5.3.2 to a new Section 319.2.
- (16) Move Section 103.5.3.3 to a new Section 610.16.
- (17) Move Section 103.5.3.4 to a new Section 319.3.
- (18) Move Section 103.5.3.5 to a new Section 319.4.
- (19) Move Section 103.5.3.7 to a new Section 319.5.
- (20) Move Section 103.5.5 to a new Section 318.5.
- (21) Move Section 103.5.5.1 to a new Section 318.6.
- (22) Move Section 103.5.5.2 to a new Section 318.7.
- (23) Modify the fourth paragraph of Subsection 103.5.6, "Re-inspections", to read as follows:

"To obtain re-inspection, the applicant shall first pay the re-inspection fee as established in the International Building Code as adopted by the Town and then request an additional inspection."
- (24) Move Section 103.5.6.1 to a new Section 319.6.
- (25) Move Section 103.5.6.2 to a new Section 319.7.
- (26) Move Section 103.5.6.3 to a new Section 319.8.
- (27) Move Section 103.6 to a new Section 321.0.
- (28) Move Section 103.6.1 to a new Section 321.1.
- (29) Move Section 103.6.2 to a new Section 321.2.
- (30) Move Section 103.6.3 to a new Section 321.3.
- (31) Delete Table 1-1, "Plumbing Permit Fees".
- (32) Section 202.0, "Definitions", is hereby amended by modifying items (2) and (3) of the definition of "Unsanitary" to read as follows:

(2) Any opening in a drainage system, except where lawful, which is not provided with an approved liquid sealed trap.

(3) Any plumbing fixture or other waste discharging receptacle or device, which is not supplied with water sufficient to flush it and maintain it in a clean condition except those specifically designed to function without water.”

(33) Add the following definition to read as follows:

“PEX - Cross linked Polyethylene”

(34) Section 301.0, “Materials - Standard and Alternates”, is hereby amended by adding the following Subsections:

“301.1.5 Existing Construction. No provision of this Code shall be deemed to require a change in any portion of a plumbing or drainage system or any other work regulated by this Code in or on an existing building or lot when such work was installed and is maintained in accordance with law in effect prior to effective date of this Code, except when any such plumbing or drainage system or other work regulated by this Code is determined by the Administrative Authority to be in fact dangerous, unsafe, unsanitary, or a nuisance and a menace to life, health, or property.

301.1.6 Health and Safety. Whenever compliance with all the provisions of this Code fails to eliminate or alleviate a nuisance or any other dangerous or unsanitary condition which may involve health or safety hazards, the owner or the owner’s agent shall install such additional plumbing and drainage facilities or shall make such repairs or alterations as may be ordered by the Administrative Authority.

301.1.7 Changes in Building Occupancy. Plumbing systems which are a part of any building or structure undergoing a change in use or occupancy, as defined in the Building Code, shall comply to all requirements of this Code which may be applicable to the new use or occupancy.

301.1.8 Maintenance. All plumbing systems, materials and appurtenances, both existing and new, and all parts thereof shall be maintained in proper operating condition. All devices or safeguards required by this Code shall be maintained in conformance with the Code edition under which installed. The owner or the owner’s

designated agent shall be responsible for maintenance of plumbing systems. To determine compliance with this subsection, the Administrative Authority may cause any plumbing system to be reinspected.”

- (35) Chapter 3, “General Regulations”, is hereby amended by adding the following:

“318.0 Inspections

318.1 General. All plumbing systems for which a permit is required by this Code shall be inspected by the Administrative Authority. No portion of any plumbing system shall be concealed until inspected and approved. Neither the Administrative Authority nor the jurisdiction shall be liable for expense entailed in the removal or replacement of material required to permit inspection. When the installation of the plumbing system is complete, an additional and final inspection shall be made. Plumbing systems regulated by the Code shall not be connected to the water, energy fuel supply, or the sewer system until authorized by the Administrative Authority.

318.2 Scope. All new plumbing work and such portions of existing systems as may be affected by new work, or any changes, shall be inspected by the Administrative Authority to insure compliance with all the requirements of this Code and to assure that the installation and construction of the plumbing system is in accordance with approved plans.

318.3 Covering or Using. No plumbing or drainage system, building sewer, private sewer disposal system or part thereof, shall be covered, concealed, or put into use until it has been tested, inspected, and accepted as prescribed in this Code.

318.4 Uncovering. Any drainage or plumbing system, building sewer, private sewage disposal system or part thereof, which is installed, altered, or repaired is covered or concealed before being inspected, tested, and approved as prescribed in this Code, it shall be uncovered for inspection after notice to uncover the work has been issued to the responsible person by the Administrative Authority.

318.5 Other Inspections. In addition to the inspections required by this Code, the Administrative Authority may require other inspections of any plumbing work to ascertain compliance with the provisions of this Code and other laws which are enforced by the Administrative Authority.

318.6 Defective Systems. An air test shall be used in testing the sanitary condition of the drainage or plumbing system of any building premises when there is reason to believe that it has become defective. In buildings or premises condemned by the proper Administrative Authority because of an unsanitary condition of the plumbing system or part thereof, the alterations in such system shall conform to the requirements of this Code.

318.7 Moved Structures. All parts of the plumbing systems of any building or part thereof that is moved from one foundation to another, or from one location to another, shall be completely tested as prescribed elsewhere in this section for new work, except that walls or floors need not be removed during such test when other equivalent means of inspection acceptable to the Administrative Authority are provided.

319.0 Testing of Systems. All plumbing systems shall be tested and approved as required by this Code or the Administrative Authority.

319.1 Testing. Water piping shall be tested and approved as provided in Section 610.16.

319.2 Test. Tests shall be conducted in the presence of the Administrative Authority or the Administrative Authority's duly appointed representative.

319.3 Test Waived. No test or inspection shall be required where a plumbing system, or part thereof, is set up for exhibition purposes and has no connection with a water or drainage system.

319.4 Exception. In cases where it would be impractical to provide aforementioned water or air tests, or for minor installations and repairs, the Administrative Authority, at the Administrative Authority's discretion, may make such inspection as deemed advisable in order to be assured that the work has been performed in accordance with the intent of this Code.

319.5 Tightness. Joints and connections in the plumbing system shall be gastight and watertight for the pressures required by the test.

319.6 Corrections. Notices of correction or violation shall be written by the Administrative Authority and may be posted at the site of the work or mailed or delivered to the permittee or his authorized representative. Refusal, failure, or neglect to comply with any such notice or order within ten (10) days of receipt thereof, shall be considered a violation of this Code.

319.7 Retesting. If the Administrative Authority finds that the work will not pass the test, necessary corrections shall be made and the work shall then be resubmitted for test or inspection.

319.8 Approval. Upon the satisfactory completion and final test of the plumbing system, a certificate of approval shall be issued by the Administrative Authority to the permittee on demand.

320.0 Test Gages. Test required by this Code, which are performed utilizing dial gauges, shall be limited to gauges having the following pressure graduations or increments.

320.1 Required pressure tests of ten (10) pounds (69 kPa) or less shall be performed with gauges of 1/10 pound (0.7 kPa) increments or less.

320.2 Required pressure tests exceeding ten (10) pounds (69 kPa) but less than one hundred (100) pounds (689 kPa) shall be performed with gauges of one (1) pound (6.9 kPa) increments or less.

320.3 Required pressure tests exceeding ten (10) pounds (69 kPa) shall be performed with gauges incremented for two (2) percent or less of the required test pressure.

320.4 Test gauges shall have a pressure range not greater than twice the test pressure applied.

321.0 Connection Approval.

321.1 Energy Connections. No person shall make connection from a source of energy or fuel to any plumbing system or equipment regulated by this Code and for which a permit is required until approved by the Administrative Authority.

321.2 Other Connections. No person shall make connection from any water-supply line nor shall connect to any sewer system regulated by this Code and for which a permit is required until approved by the Administrative Authority.

321.3 Temporary Connections. The Administrative Authority may authorize temporary connection of the plumbing equipment to the source of energy or fuel for the purpose of testing the equipment."

- (36) Table 3-1 is modified to include the following:

Table 3-1

Materials	Type of Joints	Horizontal	Vertical
PEX	Mechanical	1 inch (25.4 mm) and smaller, 3 feet (0.9 m), 1-1/4 inch (31.8 mm) and larger 4 feet (1.2 m)	Base and each floor. Provide mid-story guides."

- (37) Subsection 402.1 of Section 402.0, "Water Conservation", of Chapter 4, "Plumbing Fixtures", is hereby amended to read as follows:

"The maximum flow rates and quantities for all plumbing fixture fittings shall be in consistent with A.R.S. § 45-1-12."

- (38) Subsection 402.2 of Section 402. 0, "Water Conservation", of Chapter 4, "Plumbing Fixtures", is hereby deleted.

- (39) Section 501.0, "General", of Chapter 5, "Water Heaters", is hereby amended to read as follows:

"General. The regulations of this chapter shall govern the construction, location, and installation of all fuel burning and other water heaters heating potable water, together with all chimneys, vents, and their connectors. All design, construction, and workmanship shall be in conformity with accepted engineering practices and shall be of such character as to secure the results

sought to be obtained by this Code. No water heater shall be hereinafter installed which does not comply in all respects with the type and model of each size thereof approved by the Administrative Authority. A list of generally accepted gas equipment standards is included in Table 14-1. A water heater (boiler) which exceeds any of the following limitations may not be placed in service until the vessel is separately inspected pursuant to A.R.S. § 32-2-11.

1. 120 gallon nominal water capacity.
2. 160 psi operating pressure.
3. 210 degree (F) operating temperature.
4. 200,000 BTU/h heat input."

- (40) Subsection 507.2 of Section 507.0, "Combustion Air", is modified to read as follows:

"In new construction, all enclosed buildings shall be provided with combustion air obtained from outside. In existing buildings of ordinary tightness insofar as infiltration is concerned, all or a portion of the combustion air for fuel-burning water heaters may be obtained from infiltration if the enclosure volume equals at least fifty (50) cubic feet per 1000 Btu/h (4.831 L/W) input of the water heater. Existing buildings of unusually tight construction shall also be provided with outside combustion air.

No change in combustion air is required when an existing fuel-burning water heater is replaced with a new water heater having the same or smaller Btu/h input capacity. When an existing fuel-burning water heater is replaced by a higher capacity water heater, or when one or more additional fuel-burning water heaters are installed in an existing building containing other fuel-burning appliances, the room or space shall be provided with combustion air as required for new construction."

- (41) Subsection 507.3.1 of Section 507.0, "Combustion Air", is hereby amended by adding the following exception to read as follows:

Combustion air openings may be provided in an outside door provided:

1. The door is not less than 2 feet 0 inches in width and 6 feet 8 inches in height; and,

2. The openings are spaced as far apart as possible or a full louvered door is provided; and,

3. The equipment room ceiling is not more than 16 inches above the top of the door.”

- (42) Subsection 507.6, “Liquefied Petroleum Gas”, is hereby added to Section 507.0, “Combustion Air”, to read as follows:

507.6 Liquefied Petroleum Gas (LPG). All provisions of this chapter shall apply to combustion air for equipment using liquefied Petroleum gas.

Exceptions:

1. The bottom of the lower combustion air opening shall be located at or below the floor of the room containing LPG-fueled equipment.
2. The lower combustion air duct, when used, shall have the bottom installed level or with a downward slope starting from a point at or below the equipment room floor and continuing to the outside of the structure. The duct shall terminate above the finish grade and shall be provided with wire mesh screen to cover the opening.
3. No pockets or trapped sections shall be permitted in any lower combustion air duct.

(43) Table 5-1 is hereby modified to read as follows:

TABLE 5-1
Size of Combustion Air Openings or Ducts¹ for Gas- or Liquid-Burning Water Heaters

Column 1 Existing Buildings of Ordinary Tightness		Column 2 New Buildings and Unusually Tight Construction	
Condition	Size of Opening or Duct	Condition	Size of Opening or Duct
Appliance in unconfined ² space	May rely on infiltration alone.	Appliance in unconfined ² space: Obtain combustion air from outdoors or from space freely communicating with outdoors.	Provide 2 openings, minimum 50 sq. in. each ³ opening.
Appliance in confined ⁴ space 1. All air from inside building	Provide two openings into enclosure each having one sq. in. per one thousand Btu/h input freely communicating with other unconfined spaces ³ . Minimum one hundred sq. in. each opening.	Appliances in confined ⁴ space: Obtain combustion air from outdoors or from space freely communicating with outdoors.	Provide two openings into enclosure, minimum 50 sq. in each ³ opening.
2. All air from outdoors: Obtain from outdoors or from space freely communicating with outdoors.		Use the methods listed for confined space as indicated in Column 2.	

¹ For location of opening, see Section 507.3

² As defined in Chapter 2.

³ When the total Btu/h input rating of all enclosed appliances/equipment exceeds 100,000 Btu/h, the combined net free area of all combustion air openings shall be increased by not less than 1 additional sq. in. for each 1,000 Btu/h in excess of 100,000 Btu/h."

⁴ As defined in Section 202.0"

- (44) Subsection 517.6 of Section 517.0, "Vent Termination", is hereby amended to read as follows:

"No venting system shall terminate less than three (3) feet (0.9m) above any forced air inlet or evaporative cooler located within ten (10) feet (3.0m) or less than four (4) feet (1.2m) from any property line except a public way."

- (45) Subsection 601.1 Of Section 601.0, "Running Water Required", is hereby amended by adding the following exception:

"Potable running water shall not be required for waterless urinals which have been approved by the Administrative Authority."

- (46) Add Subsection 603.4, "Secondary Backflow Protection", to Section 603.0, "General Requirements", to read as follows:

"603.4 Secondary Backflow Protection. The following occupancies shall have Reduced Pressure Principle Backflow Prevention Assemblies installed as near as practical to the water service meter connection: hospitals, surgical clinics, laboratories, morgues, mortuaries, veterinary hospitals, industrial occupancies, packing plants, slaughter houses, chemical plants, municipal waste treatment facilities, and construction water services. Note: Multiple water services which are interconnected onsite shall be provided with not less than a Double Check Valve Assembly at each service connection."

- (47) Subsection 604.1 of Section 604.0, "Materials", is hereby modified to read:

"Water pipe and fittings shall be of brass, copper, cast iron, galvanized wrought iron, galvanized steel, or other approved materials. Asbestos-cement, CPVC, PE, PEX, or PVC water pipe manufactured to recognized standards may be used for cold water distribution systems outside a building. CPVC or PEX water pipe and tubing may be used in the water supply system, except valves and similar devices shall be of a like material, except where otherwise approved by the Administrative Authority."

- (48) Section 604.0, "Materials", is hereby amended by adding Subsection 604.11 to read as follows:

"604.11 Cross-linked polyethylene (PEX) tubing shall be marked with appropriate designation or designations consistent with the fitting system or systems for which the tubing has been listed or approved. PEX tubing shall be installed with mechanical joints in compliance with the appropriate standards and the manufacturer's instructions."

- (49) Subsection 608.5 of Section 608.0 "Water Pressure, Pressure Regulators, and Pressure Relief Valves", is hereby amended to read as follows;

"All relief valves shall be provided with a drain, not smaller than the relief valve outlet, of galvanized steel, hard drawn copper piping and fittings, CPVC, PB, or listed relief valve drain tube with fittings which shall not reduce the internal bore of the pipe or tubing (straight lengths as opposed to coils) and shall extend from the valve to the outside of the building with the end of the pipe not more than two (2) feet (0.6m) nor less than six (6) inches (152.4mm) above the ground and pointing downward. Such drains may terminate at other approved locations. No part of such drain pipe shall be trapped and the terminal end of the drain pipe shall not be threaded."

- (50) Section 610.0, "Size of Potable Water Piping", is hereby amended by adding Subsection 610.15 to read as follows:

"610.15 Inspections. No water supply system or portion thereof, shall be covered or concealed until it first has been tested, inspected, and approved."

- (51) Section 610.0, "Size of Potable Water Piping", is hereby amended by adding Subsection 610.16 to read as follows:

"610.16 Water Piping. Upon completion of a section or of the entire hot and cold water supply system, it shall be tested and proved tight under a water pressure not less than the working pressure under which it will be used. The water used for tests shall be obtained from a potable source of supply. A fifty (50) pound per square inch (344.5 kPa) air pressure may be substituted for the water test. In either method of test, the piping shall withstand the test without leaking for a period of not less than fifteen (15) minutes."

- (52) Subsection 707.4 of Section 707.0, "Cleanouts", is hereby amended to read as follows:

"707.4 Each horizontal drainage pipe shall be provided with a cleanout at its upper terminal and each run of piping, which is more than one hundred (100) feet (30.4 m) in total developed length, shall be provided with a cleanout for each one hundred (100) feet (30.4 m), or fraction thereof, in length of such piping.

Exceptions:

1. Cleanouts may be omitted on a horizontal drain line less than five (5) feet (1.5 m) in length unless such line is serving sinks or urinals.
2. Cleanouts may be omitted on any horizontal drainage pipe installed on a slope of seventy-two (72) degrees or less from the vertical angle (angle of one-fifth (1/5) bend).
3. An approved type of two-way cleanout fitting, installed inside the building wall near the connection between the building drain and building sewer or installed outside of a building at the lower end of a building drain and extended to grade, may be substituted for an upper terminal cleanout.

- (53) Paragraph 1 of Subsection 710.6 of Section 710.0, "Drainage of Fixtures Located Below the Next Upstream Manhole or Below the Main Sewer Level", is modified to read as follows:

"Backwater valves, gate valves, motors, compressors, air tanks, and other mechanical devices required by this section shall be located where they will be accessible for inspection and repair at all times."

- (54) Section 712.0, "Testing", is hereby modified by deleting the following Subsections:

"712.4, 712.4.1, 712.4.2, 712.4.3, and 712.4.4."

- (55) Move Section 712.4 to a new Section 320.0.
- (56) Move Section 712.4.1 to a new Section 320.1.
- (57) Move Section 712.4.2 to a new Section 320.2.

- (58) Move Section 712.4.3 to a new Section 320.3.
- (59) Move Section 712.4.4 to a new Section 320.4.
- (60) Subsection 713.4 of Section 713.0, "Sewer Required". is hereby amended to read as follows:
- "The public sewer may be considered as not being available only when so determined by the Administrative Authority (local, county or state)."
- (61) Section 723.0, "Building Sewer Test", is hereby modified to read as follows:
- "Building sewers shall be tested by plugging the end of the building sewer at its points of connection with the public sewer or private sewage disposal system and completely filling the building sewer with water from the lowest to the highest point thereof, or by approved equivalent low pressure air test, or by such other test as may be prescribed by the Administrative Authority. The building sewer shall be watertight at all points.
- Exception: Sewer tests may be waived at the discretion of the Administrative Authority.
- (62) Subsection 807.4 of section 807.0, "Appliances", is hereby amended to read as follows:
- "The discharge pipe of a domestic dishwashing machine may be directly connected to the tailpiece of the sink drain, or into the 'boss' of a food waste disposer without installation of an air gap fitting. The dishwasher discharge line shall be securely fastened as high as possible but not lower than two (2) inches below the flood rim of the sink."
- (63) Section 1005.0, "Trap Seals," is hereby amended to read as follows:
- "Trap Seals". Each fixture trap shall have a liquid seal of not less than two (2) inches (50.8 mm) and not more than four (4) inches (101.6 mm) except where a deeper seal is found necessary by the Administrative Authority for special conditions. Traps shall be set true with respect to their liquid seals and, where necessary, they shall be protected from freezing."

- (64) Section 1007.0, "Trap Seal Protection", is hereby amended to read as follows:

"Trap Seal Protection". Floor drain or similar traps directly connected to the drainage system and subject to infrequent use shall be provided with an approved means of maintaining their water seals, except where not deemed necessary for safety or sanitation by the Administrative Authority. When automatic trap priming devices are installed, they shall be accessible for maintenance."

- (65) Section 1007.0, "Trap Seal Protection", is hereby amended by adding Subsection 1007.1 to read as follows:

1007.1 "Approved Means of Maintaining Trap Seals". Approved means of maintaining trap seals include the following, but are not limited to the methods cited:

1. Listed trap seal primer.
2. A hose bib or bibs within the room. The maximum distance between the hose bib(s) and the trap seal shall be as determined by the Administrative Authority.
3. Drainage from untrapped lavatories discharging to the tailpiece of those fixture traps which require priming. All fixtures shall be in the same room and on the same floor level as the trap primer.

- (66) Subsection 1210.1 of Section 1210.0, "Materials for Gas Piping", is hereby modified to read as follows:

"All pipe used for the installation, extension, alteration, or repair of any gas piping shall be standard weight wrought iron or steel (galvanized or black) or yellow brass (containing not more than seventy-five (75) percent copper) or listed corrugated stainless steel tubing systems for interior use only. Approved PE pipe may be used in exterior buried piping systems.

Exception: CSST piping installed outside a building shall be sleeved or shall be installed with protection from mechanical damage equivalent of that required for CSST piping within the building. When installed underground, CSST shall be sleeved and shall have a minimum burial depth of eighteen (18) inches (457.2mm)."

(67) Table 14-1 is hereby amended to include the following:

TABLE 14-1 – PLUMBING MATERIAL STANDARDS

Materials and Products	ANSI	ASTM	FS	IAPMO	Other Standards	Footnote Remarks
NON-METALLIC PIPE: Metal insert fittings utilizing a copper crimp ring for SDR9 cross- linked polyethylene tubing (PEX) PLUMBING FIXTURES: Waterless Urinals	Z124.9			F1807-97		C-3346"

(68) The 3rd paragraph of Appendix C is added to read:
 "Those jurisdictions which have not adopted a building code which stipulates minimum plumbing facilities shall utilize Appendix C of the 1994 UPC when establishing plumbing facility requirements."

(69) Subsection D1.1 (c) of Appendix D, "Rainwater Systems", is hereby modified to read as follows:

"Roof drains, overflow drains, and rainwater piping installed within the building shall be tested in conformity with the provisions of this Code for testing drain, waste, and vent systems."

(70) Subsection D3.3, "Horizontal Rainwater Piping", of Appendix D, "Rainwater Systems", is hereby modified to read as follows:

"Horizontal Rainwater Piping. Horizontal Rainwater Piping shall be sized in accordance with Table D-2. Exception: The potential head of water which may rise in the vertical drain pipe (tailpiece) may be used to reduce the horizontal pipe size and its slope if the head (rise) is sufficient when calculated as follows:

- a. If the head ["h"] is equal to or greater than three-eighths (3/8) inch for each foot (31.35 mm/m) of horizontal pipe length, the horizontal pipe may be pitched at one-eighth (1/8) inch slope (10.45 mm/m), but sized according to the one-half (1/2) inch slope (41.8 mm/m) table.

- b. If the head ['h'] is equal to or greater than one-eighth (1/8) inch for each foot (10.45 mm/m) of horizontal pipe length, the horizontal pipe may be pitched at one-eighth (1/8) inch slope (10.45 mm/m), but sized according to the one-fourth (1/4) inch slope (20.9 mm/m) table. (See Illustration A).

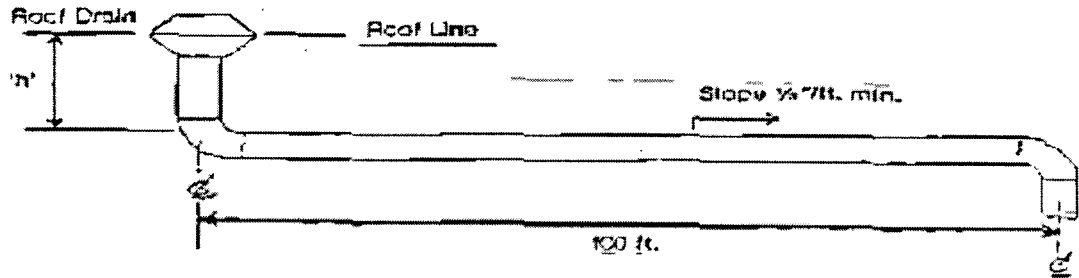


ILLUSTRATION A

Horizontal Rainwater Piping

- EXAMPLE #1: Roof Area – forty-eight hundred (4800) Square Feet (445.9 m²)

Maximum Rainfall/Hour – Six (6) Inches (152.4 mm/h)

Pipe laid at one-eighth (1/8) inch Slope (10.45 mm/m)

Using the one-half (1/2) inch slope (41.8 mm/m) table the horizontal pipe size will be six (6) inches. The available static head ['h'] needed to allow use of the one-half (1/2) inch (41.8 mm/m) table is calculated as follows: Three-eighths (3/8) inch of head pressure per foot (31.35 mm/m) of horizontal pipe run becomes 3/8-inch x 100 feet = 300/8ths, or 'h' = 37½ inches (952.5 mm). NOTE: Sizing from the one-eighth (1/8) inch (10.45 mm per m) table would have required the horizontal pipe size to be eight (8) inches (203.2 mm), rather than the six (6) inches (152.4 mm) made possible by use of the one-half (1/2) inch (41.8 mm/m) slope table.

- EXAMPLE #2: Roof Area – Six Thousand (6000) Square Feet

Maximum Rainfall/Hour – Six (6) Inches (152.4 mm)

Pipe Laid at one-eighth (1/8) inch Slope (10.45 mm/m)

Using the one-fourth (1/4) inch slope (20.9 mm/m) table the horizontal pipe size will be eight (8) inches (203.3 mm). The available static head ['h'] needed to allow use of the one-fourth (1/4) inch (20.9 mm/m) table is calculated as follows: One-eighth (1/8) inch of head pressure per foot (10.45 mm per m) of horizontal

pipe run becomes 1/8-inch x 100 feet = 100/8ths, or 'h' = 12½ inches (317.5 mm). NOTE: Sizing from one-eighth (1/8) inch (10.45 mm per m) table would have required the horizontal pipe size to be ten (10) inches (254.0 mm) , rather than the eight (8) inches (203.2 mm) made possible by use of the one-fourth (1/4) inch slope (20.9 mm/m) table.

c. If the head ['h'] is equal to or greater than ten (10) feet (3.05 m) (for example, base of a stack), all horizontal pipe downstream of any such vertical section may be the same size as the vertical pipe to which it is connected."

- (71) Appendix F, "Medical Gas Systems", is hereby deleted in its entirety and is replaced with the following sections of NFPA #99, Health Care Facilities (1996 Edition) as amended by this section, which are incorporated by reference. The incorporation by reference does not include any later amendments or editions. Copies of the incorporated material are available from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02169, and are on file with the Office of the Secretary of State:

"F1 Scope

The provisions herein shall apply to the installation, testing, and certification of medical gas and vacuum piping for safe use inpatient care hospitals, clinics, and other health care facilities.

The purpose of this appendix is to provide minimum requirements for the installation, testing, and certification of medical gas and medical vacuum systems, from the point of supply to the user outlets or inlets. These provisions do not cover portable systems or cylinder storage requirements.

F2 All medical gas and vacuum piping systems are to be installed and inspected based upon applicable language found in the following chapters of NFPA #99, Health Care Facilities (1996 edition):

Chapter 1. Introduction.

1-1 Scope

1-2 Application. (Use first paragraph; delete second paragraph)

1-3 Intended Use

1-4 Discretionary Powers of Authority Having Jurisdiction

1-5 Interpretations

1-6 Organization of This Document (including subsections 1-6.1, 1-6.2 and 1-6.3)

- 1-7 Metric Units
- 1-8 Effective Date
- 1-9 Preface

Add Sec. 1-10 to read: "Sections of NFPA 99, 1996 edition, which are not referenced are not mandated by the Arizona Uniform Plumbing Code."

Chapter 2. Definitions.

- 2-1 Official NFPA Definitions
- 2-2 Definitions of Terms Used in the Standard

Chapter 4. Gas and Vacuum Systems.

- 4-3.1.1.2 Storage Requirements (Location, Construction, Arrangement)
- 4-3.5 Administration - Level 1
 - 4-3.5.1 Responsibility of Governing Body
 - 4-3.5.2 Gas System Policies - Level 1
 - 4-3.5.2.1 Gases in Cylinders and Liquefied Gases in Containers - Level 1
 - 4-3.5.2.2 Storage of Cylinders and Containers - Level 1
 - 4-3.5.2.3 Patient Gas Systems - Level 1
 - 4-3.5.3 Gas Systems Recordkeeping - Level 1
 - 4-3.5.4 Gas Systems Information and Warning Signs - Level 1
 - 4-3.5.4.1 (No Heading)
 - 4-3.5.4.2 (No Heading)
 - 4-3.5.4.3 (No Heading)
 - 4-3.5.5 Gas System Transport and Delivery - Level 1
 - 4-3.5.5.1 (No Heading)
 - 4-3.5.5.2 (No Heading)
 - 4-3.5.6 Vacuum Systems Policies – Level 1
 - 4-3.5.6.1 Patient Vacuum Systems
 - 4-3.5.7 Vacuum System Recordkeeping - Level 1
 - 4-3.5.8 Vacuum System Information and Warning Signs - Level 1
 - 4-3.5.8.1 Piping Distribution System
 - 4-3.5.8.2 Gauge Identification
 - 4-3.5.9 WAGD System Policies - Level 1
 - 4-3.5.9.1 Maintenance
 - 4-3.5.9.2 Performance Tests
- 4-4 Level 2 Piped Systems
 - 4-4.1 Piped Gas Systems - Level 2
 - 4-4.2 Piped Vacuum Systems - Level 2
 - 4-4.3 Piped WAGD Systems - Level 2

- 4-4.4 Performance Criteria and Testing - Level 2
- 4-4.5 Administration - Level 2
- 4-5.5 Administration - Level 3
 - 4-5.5.1 Responsibility of Governing Body
 - 4-5.5.2 Gas System Policies - Level 3
 - 4-5.5.2.1 (No Heading)
 - 4-5.5.2.2 (No Heading)
 - 4-5.5.2.3 Patient Gas Systems – Level 3
 - 4-5.5.3 Gas System Recordkeeping - Level 3
 - 4-5.5.4 Gas System Information and Warning Signs - Level 3
 - 4-5.5.5 Gas System Transport and Delivery - Level 3
 - 4-5.5.6 Vacuum System Policies - Level 3
 - 4-5.5.7 Vacuum System Recordkeeping - Level 3
 - 4-5.5.8 Vacuum System Information and Warning Signs -Level 3
 - 4-5.5.9 WAGD System Policies - Level 3
- 4-6.5 Administration - Level 4

Chapter 12. Hospital Requirements.

- 12-1 Scope
- 12-3.4 Gas and Vacuum System Requirements
 - 12-3.4.1 (No Heading)
 - 12-3.4.2 (No Heading)
 - 12-3.4.3 (No Heading)
 - 12-3.4.4 (No Heading)
 - 12-3.4.5 (No Heading)

Chapter 13. Ambulatory Health Care Center Requirements.

- 13-1 Scope
- 13-3.4 Gas and Vacuum System Requirements
 - 13-3.4.1 (No Heading)
 - 13-3.4.2 (No Heading)
 - 13-3.4.3 (No Heading)
 - 13-3.4.4 (No Heading)
 - 13-3.4.5 (No Heading)

Chapter 14. Clinical Requirements.

- 14-1 Scope
- 14-3.4 Gas and Vacuum System Requirements
 - 14-3.4.1 (No Heading)
 - 14-3.4.2 (No Heading)
 - 14-3.4.3 (No Heading)
 - 14-3.4.4 (No Heading)
 - 14-3.4.5 (No Heading)

Chapter 15. Medical and Dental Office Requirements.

15-1 General

15-1.1 Scope

15-1.2 Applicability

15-3.4 Gas and Vacuum System Requirements

15-3.4.1 (No Heading)

15-3.4.2 (No Heading)

15-3.4.3 (No Heading)

15-3.4.4 (No Heading)

15-3.4.5 (No Heading)

15-3.4.6 (No Heading)

15-3.4.7 (No Heading)

15-3.4.8 (No Heading)

15-3.4.9 (No Heading)

Chapter 16. Nursing Home Requirements.

16-1 Scope

16-3.4 Gas and Vacuum System Requirements

16-3.4.1 (No Heading)

16-3.4.2 (No Heading)

Chapter 17. Limited Care Facility Requirements.

17-1 Scope

17-3.4 Gas and Vacuum System Requirements

17-3.4.1 (No Heading)

17-3.4.2 (No Heading)

Chapter 19. Hyperbaric Facilities.

19-1 Introduction and Scope

19-3.3.3 (No Heading)

19-3.3.5 (No Heading)

- (72) Subsection "(a)" of Section H 2, "Design", of Appendix H, "Recommended Procedures for Sizing Commercial Kitchen Grease Interceptors", is hereby modified to read as follows:

"Interceptors shall be constructed in accordance with the design approved by the Administrative Authority and shall have a minimum of 2 compartments with fittings designed for grease retention. Grease interceptors shall be constructed of solid durable materials, not subject to excessive corrosion or decay, and shall be watertight."

TOWN OF CAREFREE 2002 NATIONAL ELECTRICAL CODE AND AMENDMENTS

EFFECTIVE July 1, 2006

- D. Effective July 1, 2006, there is herewith adopted, in total, by reference thereto The National Electrical Code, 2002 Edition, as published by the National Fire Protection Association and adopted as a public record by ordinance of the Mayor and Council of the Town of Carefree, as fully and completely as if set forth in full herein, except as may be hereafter or otherwise amended by this chapter and except as modified or changed as follows:

(1) Article 80, Introduction, is hereby deleted in its entirety.

(2) Chapter 2, Wiring and Protection, is hereby amended to read as follows:

210-8. Ground-Fault Circuit-Interrupter Protection for Personnel, is hereby amended as follows:

FPN: See 215-9 for ground-fault circuit-interrupter protection for personnel on feeders.

(No changes to Article with the exception of the following revisions):

(A) Dwelling Units. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the locations specified in (1) through (8) shall have ground-fault circuit-interrupter protection for personnel.

(7) Convenience receptacles located within 1.8 m (6 ft) of any sink, wash basin, tub, or shower.

(B) Other than Dwelling Units. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the locations specified in (1) through (5) shall have ground-fault circuit-interrupter protection for personnel.

(4) Convenience receptacles located within 1.8 m (6 ft) of any sink, wash basin, tub, or shower.

(5) Outdoors.

Add new Article 230-63 to read as follows:

230-63. Location. All service equipment rated 1000 amperes or more located inside a building shall be enclosed within a room or space separated from the rest of the building by not less than one-hour fire-resistive occupancy separation or fire barrier installed in compliance with the Building Code.

250.118. Types of Equipment Grounding Conductors, shall be amended to read as follows:

The equipment grounding conductor run with or enclosing the circuit conductors shall be one or more or a combination of the following:

1. A copper, aluminum, or copper-clad aluminum conductor. This conductor shall be solid or stranded; insulated, covered, or bare; and in the form of a wire or a busbar of any shape.
2. Threaded rigid metal conduit and fittings.
3. Threaded intermediate metal conduit and fittings.
4. Armor of Type AC cable as provided in Section 333-21.
5. The copper sheath of mineral-insulated, metal-sheathed cable.
6. The metallic sheath or the combined metallic sheath and grounding conductors of Type MC cable with an individual equipment grounding conductor.
7. Cable trays as permitted in Sections 318-3(c) and 318-7.
8. Cablebus framework as permitted in Section 365-2(a).
9. Other electrically continuous metal raceways listed for grounding.

(3) Chapter 3, Wiring Methods and Materials, is hereby amended as follows:

310-15(b)(6), is hereby amended to read as follows:

(6) 0120/240-Volt and 120/208-Volt, 3-Wire, Single-Phase Dwelling Services and Feeders. For dwelling units, conductors, as listed in Table 310-15(b)(6), shall be permitted as 120/240-volt and

120/208 volt, 3-wire, single-phase service-entrance conductors, service lateral conductors, and feeder conductors that serve as the main power feeder to a dwelling unit and are installed in raceway or cable with or without an equipment grounding conductor. For application of this section, the main power feeder shall be the feeder(s) between the main disconnect and the lighting and appliance branch-circuit panel board(s), and the feeder conductors to a dwelling unit shall not be required to be larger than their service-entrance conductors. The grounded conductor shall be permitted to be smaller than the ungrounded conductors, provided the requirements of Sections 215-2, 220-22, and 230-42 are met.

Table 310-15(b)(6). Conductor Types and Sizes for 120/240-Volt and 120/208- Volt, 3-Wire, Single-Phase-Dwelling Services and Feeders. Conductor Types RH, RHH, RHW, RHW-2, THHN, THHW, THW, THW-2, THWN, THWN-2, XHHW, XHHW-2, SE, USE, USE-2.

Conductor (AWG or kcmil)

Copper	Aluminum or Copper-Clad Aluminum	Service or Feeder Rating (Amperes)	
		≤ 30°C (86°F)	> 30°C (86°F)
4	2	100	-----
3	1	110	-----
2	1/0	125	100
1	2/0	150	125
1/0	3/0	175	150
2/0	4/0	200	175
3/0	250	225	200
4/0	300	250	225
250	350	300	250
350	500	350	300
400	600	400	350
500	750	-----	400

FPN: For single-phase panels feed from a 3-phase system, the grounded conductor cannot be reduced in size for a 120/208-volt system, see 220.22.

334.10, Uses Permitted, is hereby modified as follows:

334.10 Uses Permitted. Type NM, Type NMC, and Type NMS cables shall be permitted to be used in the following:

1. One- and two-family dwellings, multifamily dwellings, and other residential accessory structures

2. Multifamily dwellings permitted to be Types III, IV and V construction except as prohibited in 334.

(Items 3 and 4 and A, B, and C to remain the same.)

334.12. Uses Not Permitted, shall be modified as follows:

334.12. Uses Not Permitted.

(A) Types NM, NMC, and NMS. Types NM, NMC, and NMS cables shall not be used as follows:

(All items except 1 and 10 to be deleted).

(4) Chapter 5, Special Occupancies, is hereby amended as follows:

501.16 (B) Types of Equipment Grounding Conductors:
(Article remains the same, delete exception).

502.16 (B) Types of Equipment Grounding Conductors:
(Article remains the same, delete exception).

503.16 (B) Types of Equipment Grounding Conductors:
(Article remains the same, delete exception).

TOWN OF CAREFREE
2003 INTERNATIONAL MECHANICAL
CODE AND AMENDMENTS
EFFECTIVE July 1, 2006

E. Effective July 1, 2006, there is herewith adopted, by reference, the International Mechanical Code, 2003 Edition published by the International Code Council and as declared a public record by ordinance of the Mayor and Council of the Town of Carefree, by reference in total and as if each of the provisions thereof were set forth herein, except as modified or changed as follows:

(1) Chapter 1, "Administration", is hereby amended as follows:

101.1 Title. Insert the words "Town of Carefree" as the name of jurisdiction.

106.4.3 Expiration. Amend to read as follows:

Every permit issued shall become invalid unless the work authorized by such permit is commenced and required inspections are requested by the permittee and approved by the code official within 180 days after its issuance, or if more than 180 days elapses between approval of required inspections. The code official shall be authorized to grant one extension of time for a period not to exceed 180 days. Permits shall not be extended more than once and all requests for extensions shall be in writing. 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 Town.

106.4.4 Extensions. Amend to read as follows:

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application had been pursued in good faith or a permit has been issued; except that the Building Official is authorized to grant one extension of time for a period not to exceed 90 days. The extension shall be requested in writing and justifiable cause demonstrated.

106.5.2 Fee schedule. Amend to read as follows:

All fees shall be in accordance with Chapter One of the International Building Code as adopted by the Town of Carefree and amended from time to time.

106.5.3 Fee refunds. Amend to read as follows:

The code official shall be permitted to authorize refunding of a fee paid hereunder which was erroneously paid or collected.

The code 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 code 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 canceled before any examination time has been expended.

The code 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.

108.4 Violation penalties. Delete in its entirety.

108.5 Stop work order. Amend the last sentence to read as follows:

Any person who shall continue any work on the system after having been served by a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine as established by the Town of Carefree.

109 Means of Appeal. Delete this section in its entirety.

(2) Chapter 2, "Definitions", is hereby amended as follows:

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.

TOWN OF CAREFREE
2003 INTERNATIONAL FIRE CODE
AND AMENDMENTS
EFFECTIVE JULY 1, 2006

- F. Effective July 1, 2006, there is herewith adopted, by reference, the International fire Code, 2003 Edition published by the International Code Council and as declared a public record by ordinance of the Mayor and Council of the Town of Carefree, by reference in total and as if each of the provisions thereof were set forth herein, except as modified or changed as follows:

Section 10-1-1. Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Chief means the chief of the Rural/Metro Fire Department.

Duly authorized agent shall mean an individual employed by Rural/Metro Fire Department who has been appointed by the fire chief, in writing, to have the authority to issue civil fire code violations. Such authorization shall be filed with the Town Clerk.

Fire department means the Rural/Metro Fire Department or, in the event that the town shall provide its own fire protection service, that organization.

Hillside landform area. Any parcel of land or portion thereof with a surface slope that can easily exceed fifteen (15) percent where major collector streets have a maximum grade of nine (9) percent, and minor and local collector streets have a maximum grade twelve (12) percent and local residential streets have a maximum grade of fifteen (15) percent.

NICET means the National Institute for the Certification of Engineering Technologies, 1420 King Street, Alexander, VA. 22314-2915.

Town Code means the Town Code of the Town of Carefree, Arizona.

International Fire Code means the International Fire Code, 2003 Edition.

Section 1. Section 10-1-1 F of the Town Code is hereby repealed and replaced by a new section 10-1-1 F 2003 IFC , which shall read as follows:

Section 10-1-1 .1 Assumption of Jurisdiction; adoption.

(a) Pursuant to the provisions of A.R.S. §34-461 and §41-2163(A)(2), the Town of Carefree, having in effect a nationally recognized fire code, does hereby assume jurisdiction from the State Fire Safety Committee for prescribing and enforcing minimum Fire Prevention Codes and Standards within the Town of Carefree.

(b) The International Fire Code, 2003 edition, as published jointly by the International Code Council, Inc., and all appendices are adopted by reference and shall be the fire code of the town. Three (3) copies of the same shall at all times remain in the Office of the Town Clerk and be open to inspection.

Exceptions:

1. I.F.C. appendices B,E, F, and G are adopted as code.
2. I.F.C. appendices A deleted from adoption.
3. I.F.C. appendix A and C are adopted as references

Section 10-1-1.2 Amendments.

The International Fire Code (I.F.C.), 2003 Edition, is amended in the following respects:

Section 102 is amended by adding *subsection 101.9.1* as follows:

“102.9.1 Conflicting references. When a provision of the 2003 International Fire Code, is in conflict with a provision of the National Fire Protection Association (NFPA) Standards, and the conflict relates to life and

building safety performance requirements, the chief shall have the discretion to determine which provision shall apply.”

Section 108, Subsection 108.1 is amended to read:

“108.1 Board of Appeals Reference to the "board" or "the board of appeals" in this code shall mean the Board of Adjustments as established and referred to in Chapter 10, Section 10-1-2 of the Town Code. The formation, term of office, qualifications of board members, removal, jurisdiction, procedure, quorum, and appeals procedure are hereby adopted and incorporated by reference as though fully set forth herein.”

Section 202, Institutional Group I-1, Residential Group R, R-3, R-4 are amended to read:

Group I-1. This occupancy shall include a building or part thereof housing more than 10 persons, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment but which provides personal 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 facilities, half-way houses, group homes, congregate care facilities, social rehabilitation facilities, alcohol and drug centers and convalescent facilities. A facility such as the above with five or less persons shall be classified as Group R-3. A facility such as above, housing at least six and not more than 10 persons shall be classified as Group R-4.

Residential Group R-3

R3 Residential occupancies where the occupant s are primarily permanent in nature not classified as **R-1, R-2, R-3, or I** and buildings do not contain more than two dwellings units or adult and child care facilities that provide accommodations for five or fewer persons of any age less than 24 hours. Adult and childcare facilities that are within a single-family home are permitted to comply with the *International Residential Code*.

Group R-3 residential Care/Assisted Living Facilities occupancies in existing Structures with one (1) to five (5) client shall meet the following requirements:

- a. Interconnected smoke detectors shall be installed in all livable areas in accordance with the Town of Carefree Code.
- b. Posted evacuation map and emergency procedures per fire department.
- c. Portable fire extinguishers in accordance with the Town of Carefree's Fire Code.

Residential Group R-4

R-4 Residential occupancies shall include buildings arranged for occupancy as Residential Care/Assisted Living Facilities including more than five but not more than 10 occupants, excluding staff.

Group R-4 occupancies in existing structures with six (6) to (10) clients shall meet the following requirements for constructions as defined for Group R-3 except for the height and area limitations provided in Section 503 of the International Building Code.

Group R-4 occupancies in existing structures with six (6) to ten (10) clients and all new structures clients shall meet the following requirements:

- a. Interconnected smoke detector shall be installed in all livable areas in accordance with the Town of Carefree building code.
- b. Posted evacuation map and emergency procedures, per fire department.
- c. Portable fire extinguishers in accordance with the Town of Carefree Fire Code.
- d. An automatic fire sprinkle system in accordance Town of Carefree Fire Code.

Section 308, subsection 308.3.1 and 308.3.1.1. is amended and 308.3.1.2 is added to read as follows:

308.3.1 Open-Flame cooking devises. Charcoal burners, portable barbecues, and other open flame devises shall not be operated on combustible balconies or within 10 feet (3048mm) of combustible construction.

“308.1.1 Liquefied- petroleum-gas-fueled cooking devises. No person shall use individual fixed or portable LP-gas burners or barbecues under any attached cover patios, balconies, covered walkways stair or roof overhang shall not be located within 10 feet (3048mm) of combustible construction.”

“Exceptions:

1. One- and two-family dwellings

“308.3.1.2 Storage of open-flame cooking devises and barbeques. Storage of barbeques on or under balconies will be allowed in accordance with the written Town Fire Department Interpretation and Applications Manual.

“Exception:

If the fire department receives complaints or suspect the cooking devises or barbecue is being used, the fire department will require the cooking devise or barbecue to be removed from the premises.”

Section 503., subsection 503.1.4 and 503.1.4.1 is added as follows:

“503.1.4 Town of Carefree Design Standards. For road construction details see Town of Carefree for Standards.”

“503.1.4.1 Temporary fire department access. Temporary fire department access roadway prior to and during construction of every facility, building or portion of a building shall install and maintain a roadway 16'-0" (4,877mm) wide, with minimum 0'-4" (101.6mm) thickness of aggregate base course or decomposed granite compacted to a 90% density where natural soil will not meet compaction requirements.”

Section 503.2., subsection 503.2.7 is amended and 503.2.8 is added as follows:

503.2.7 Grade. The grade of the fire apparatus access road shall be within

the limits established by the code official based on the fire department's apparatus. Access roads shall comply with the following.

1. The grade for non-sprinklered properties shall not exceed 12%.
2. The grade for sprinklered properties shall not exceed 15%.
3. All grades in excess of 15% require approval by the Fire Department.

“503.2.8 Fire apparatus access roads. The chief may establish fire lanes on public and private property for access and setup for fire-fighting equipment apparatus and vehicles. See Fire Department Interpretation and Applications Manual. All fire lanes shall be marked in the following manner:”

“1. Fire lane signs Design Procedures and Criteria per Town Traffic Standards and/or Fire department interpretation and applications.

“2. Curb and/or 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 in. (19.5 mm) stroke, on the vertical face of the curb to indicate “ fire lane.”

“3. Lettering shall not be greater than 50'-0" (15.24m) apart and shall be posted at the beginning and end of the fire lane.”

“It shall be unlawful for any vehicle, equipment or device to park in or block the fire lane. Any vehicle, equipment or device found parked in or blocking a fire lane shall be cited by police or the fire department.”

Section 506, subsections 506.1.2 and 506.1.3 are added as follows:

“506.1.2 Key box location. A key box shall be required on all commercial structures that contain off-site monitored fire systems or when required by the chief. The key box shall be installed in a location adjacent to the main entrance of the structure, 4'-0" (1.219 m) to 6'-0" (1.829 m) above finished grade.”

“506.1.3 Key switch and sensor pre-emption location. A key switch and pre-emption sensor shall be required on all electric entry control gates.

The key switch shall be installed in a location on the gate control panel that is readily visible and accessible. The pre-emption sensor shall be at or behind gate."

Section 508, subsections 508.5.1 Exceptions is amended and 508.5.1.1, 508.5.7, 508.5.8 are added as follows

Exceptions is amended to read:

"1. Fire Sprinklered R -3 Developments, the maximum distance is one thousand two hundred (1200) feet (366 m) on center."

"2. Fire Sprinklered commercial and R-1 multifamily developments, the maximum distance is seven hundred (700) feet (213.36 m) on center."

"3. For Group H occupancies, the distance requirement shall be one hundred-fifty (150) feet (45.72 m)."

"508.5.1.1 Dead ends. On cul-de-sacs in residential and commercial developments the maximum distance to a hydrant shall not exceed one half ($\frac{1}{2}$) of the maximum allowable distance between fire hydrants designated in *508.5.1 Exceptions*"

"508.5.7. Fire hydrants color. All fire hydrant barrels aboveground shall have a prime coat plus two (2) coats of OSHA yellow paint."

"508.5.8 Reflective markers. All fire protection equipment, fire department inlet connections and hydrants shall be clearly identified by installation of reflective blue markers. See Fire Department Interpretation and Applications."

Section 603, subsections 603.10 and 603.10.1 are added as follows:

Section 901, and subsections 901.2.2, 901.2.3, 901.2.4, 901.2.5 are added as follows:

"901.2.2 Plan certification for the fire alarm system and occupant notification. All fire alarm and occupant notification system plans submitted to

the fire department for review and approval shall bear a review certification of a minimum of level III NICET in Fire Alarms, (National Institute for the Certification of Engineering Technologies) in accordance with Fire Department Interpretation and Applications Manual.

“901.2.3 Plan certification for fire sprinkler systems. All fire sprinkler plans submitted to the fire department for review and approval shall bear a review certification of a minimum level III NICET in sprinklers (National Institute for the Certification of Engineering Technologies) in accordance with Fire Department Interpretation and Applications Manual.

“901.2.4 Plan certification for all other fire protection systems. Plan certification for all other fire protection systems will be accompanied by a certification of competence when required.”

“901.2.5 On-site plans. Plans and specifications shall be submitted to the fire department for review and approval prior to construction. One set of fire department approved plans shall be on the job site for each inspection.”

Section 903, subsections 903.2, 903.2.1, 903.2.2, 903.2.3, 903.2.4, 903.2.5, 903.2.6, 903.2.7, 903.2.8, 903.2.9, 903.10, 903.2.10.1, 903.11, 903.2.11.1, and 903.2.12, 903.3, 903.3.6, 903.3.7, 903.4 exception 2. are amended as follows and subsections 903.1.3, 903.1.4, 903.1.5, 903.1.6, 903.7.2.1, 903.2.7.2, 903.2.8.1, 903.2.8.2, 903.2.8.3, 903.2.12.4, 903.2.12.4.1, 903.2.16, 903.3.7.1, 903.3.7.2, 903.3.7.3 are added:

“903.2 Where required. An automatic sprinkler system shall be installed throughout all levels of all new Group A, B, E, F, H, I, M, R, S and U occupancies of more than zero (0) square feet. In accordance with section 903, and the with Fire Department Interpretation and Applications Manual, and as set in this section.”

“1. In every story or basement of all buildings. Fire-resistive substitutions in accordance with the provisions in the International Building Code, Chapter 6, footnote d are allowed for this subsection for Group R occupancies and for other occupancies, provided that automatic sprinkler is not otherwise required

throughout the building by any other provision or section of the unamended building code.”

“2. 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. Sprinkler heads shall be accessible for servicing.”

“3. In rooms where nitrate film is stored or handled. See also Section 306.”

“4. In protected combustible fiber storage vaults..

“5. In any building that has a change in occupancy as defined in the building code.”

“Exception: The following accessory structures shall be exempt from fire sprinkler requirements:

“1. Gazebos and ramadas for residential and public use.”

“2. Independent rest room buildings that are associated with golf courses, parks and similar uses.”

“3. Guardhouses for residential and commercial developments.”

“4. Detached carports for residential developments.”

“5. Barns and agricultural buildings for private, residential, non-commercial use, not exceeding 1,500 square feet (139.35m²).”

“6. Detached storage sheds for private, residential, non-commercial use, not exceeding 1,500 square feet (139.35m²).”

“7. Detached 1, 2 and 3 car garages (without habitable spaces) in existing R-3 developed parcels which contain existing non-sprinklered subdivision requirements (i.e. 700 foot (213.36m) hydrant spacing.”

"8. For fuel dispensing canopies not exceeding 1500 square feet (139.35m²)."

"9. Open horse stalls of non-combustible construction for private, residential, non-commercial use, not exceeding 5,000 square feet (464.52 m²) and no storage of combustible products, vehicles, or agricultural equipment."

"10. Detached one story accessory building used as tool and storage shed of non-hazardous materials, and not exceeding 120 square feet (11.15m²)."

"11 Special use non-combustible structures as approved by the chief."

"903.2.1 Group A. An automatic sprinkler system shall be installed throughout all Group A occupancies in accordance with NFPA 13 sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.2 Group E. An automatic sprinkler system shall be installed throughout all Group E occupancies in accordance with NFPA 13 sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.3 Group F. An automatic sprinkler system shall be installed throughout all Group F occupancies in accordance with NFPA 13 sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.4 Group H. An automatic sprinkler system shall be installed throughout all Group H occupancies in accordance with NFPA 13 sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.5 Group I. An automatic sprinkler system shall be installed throughout all Group I occupancies in accordance with NFPA 13 sprinkler systems and with Fire Department Interpretation and Applications Manual."

"Exception : In jails, prisons and reformatories, the piping system may be dry, provided a manually operated valve is installed at a continuously monitored location. Opening of the valve will cause the piping system to be charged. Sprinkler heads in such systems shall be equipped with fusible elements or the system shall be designed as required for deluge systems in the Building Code."

"903.2.6 Group M. An automatic sprinkler system shall be installed throughout all Group M occupancies in accordance with NFPA 13 sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.7 Group R. An automatic sprinkler system shall be installed throughout all Group R occupancies in accordance with NFPA 13, 13D, or 13-R sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.10 Group S occupancies. An automatic sprinkler system shall be installed throughout all Group occupancies in accordance with NFPA 13 sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.10.1 Repair garages. An automatic sprinkler system shall be installed throughout all repair garages in accordance with NFPA 13 sprinkler systems as modified by with Fire Department Interpretation and Applications Manual."

"903.2.11 Group S-2 occupancies. An automatic sprinkler system shall be installed throughout all Group S-2 occupancies in accordance with NFPA 13 sprinkler systems as modified by with Fire Department Interpretation and Applications Manual."

"903.2.11.1 Commercial parking garages. An automatic sprinkler system shall be installed throughout all commercial parking garages in accordance with NFPA 13 sprinkler systems as modified by with Fire Department Interpretation and Applications Manual."

"903.2.12 All Group R-3 and U occupancies. An automatic sprinkler system shall be installed throughout all Group R-3 and U occupancies in accordance with NFPA 13 or 13-D sprinkler systems and with Fire Department Interpretation and Applications Manual."

"903.2.17 Group B occupancies. An automatic sprinkler system shall be installed throughout all Group B occupancies in accordance with NFPA 13 sprinkler systems as modified by with Fire Department Interpretation and Applications Manual."

"903.3 Installation requirements. Automatic sprinkler systems shall be installed in accordance with NFPA 13, 13-R, 13-D as modified by with Fire Department Interpretation and Applications Manual."

“903.3.6 Hose Threads. Fire hose threads used in connection with automatic sprinkler system shall be National Standard Treads.”

“903.3.7 Fire Department Connections. Fire department connections shall be located within four (4) feet (1219.2mm) to eight (8) feet (2438.4mm) of the curb line of an access road or public street, or as otherwise specified, or as approved by the chief. The fire department connection line shall be a wet line with the check valve at the hose connection above grade. The access to the fire department connection shall be at curb grade. See with Fire Department Interpretation and Applications Manual.”

“903.7.1 Wall mounted. Systems may have wall mounted fire department connections only on light and ordinary hazard Group 1 systems when there are no structural openings or combustibles hangings within 15 feet (4572mm) horizontally or vertically from inlet connection. See with Fire Department Interpretation and Applications Manual.”

“903.3.7.2 Additions, alterations and repairs. When additions, alterations or repairs within a twelve month period exceed fifty (50) percent of the value of an existing building or structure, such building or structure shall be made to conform to the requirements for new buildings or structures.”

“903.3.7.3 Partial systems prohibited. In all new additions to existing buildings and structures an automatic sprinkler system shall be installed in accordance with this section. There shall be no partially sprinklered compartments. Sprinklered and unsprinklered parts of a structure shall be separated in accordance with all applicable codes and standards.”

“903.4 Sprinkler system monitoring and alarms. All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically supervised.” “See Fire Department Interpretation and Applications Manual”.

Exceptions:

"1. Automatic sprinkler systems protecting one- and two-family dwellings."

"2. Limited area systems serving fewer than 20 sprinklers for E ,H ,and I occupancies, more than 100 sprinklers in all other occupancies."

"3. Automatic sprinkler systems installed in accordance with 13R where a common supply main is used to supply both domestic and automatic sprinkler systems and a separate shutoff valve for the automatic sprinkler system is not provided."

"4. Jockey pump control valves that are sealed or locked in the open position."

"5. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position."

"6. Trim valves to pressure switches in dry, preaction and deluge sprinkler systems that are sealed or locked in the open position."

"7. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position."

"903.4.2 Alarms. Approved audible devices shall be connected to every automatic sprinkler system. Such as water-flow alarm devices shall be activated by water-flow equivalent the flow of a single sprinkler of the smallest size or orifice size installed in the system. Alarm devices shall be provided on the exterior of the building in an approved location. An interior alarm to alert the occupant shall be provided in the interior of the building in a normally occupied location when off-site monitoring is required. Where a fire alarm system is installed, activation of the automatic sprinkler system shall actuate the building fire alarm system.

Section 905, subsection 905.2, 905.3.4.1, are amended and 905.3.1.1 is added to read as follows:

"905.2 Installation standards. Standpipe systems shall be installed in accordance with this section as modified by with Fire Department Interpretation and Applications Manual."

"905.3.2 Building area. In buildings exceeding 10,000 square feet (929 m²) in area per story, Class I automatic wet or manual wet standpipes shall be provided where any portion of the building's interior area is more than 200 feet (60.96 m) of travel, vertically and horizontally, from the nearest point of fire department vehicle access."

Exceptions:

"1. Single story structures are not required to have hose connections, except in those interior portions of the building that exceed 200 feet (60.96 m) of travel from an emergency access road."

"2. Required wet standpipes may be an integral part of an approved sprinkler system and may be connected to the sprinkler systems horizontal cross mains. Calculations for required fire flow shall be submitted with sprinkler plans."

"3. Unless required by with Fire Department Interpretation and Applications Manual hose connection is not required in Group R-3 occupancies."

"905.3.4 Stages. Stages greater than 1,000 square feet in area (93 m²) shall be equipped with a Class III wet standpipe system with 2.5 inch (64 mm) hose connections on each side of the stage supplied from the automatic fire sprinkler system and shall have a flow rate of not less than that required for class 1 standpipes."

"Exception:

Where the building or area is equipped throughout with an automatic sprinkler system, the hose connections are allowed to be supplied from the automatic sprinkler system and shall have a flow rate of not less than that required by NFPA 14 for Class III standpipes."

"905.3.4.1 Hose and cabinet. Hose and hose cabinets are deleted in their entirety.'

Section 907, subsections 907.2., 907.7, are amended and 907.3.1.10, 907.3.1.11, 907.3.1.12, and 907.3.1.13 are added:

"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 and Fire Department Interpretation and Applications. Where automatic sprinkler protection installed in accordance with Section 903.3.1.1 or 903.3.1.2 and with Fire Department Interpretation and Applications Manual is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required.

An approved automatic fire detection system shall be installed in accordance with the provisions of this code and NFPA 72. Devices, combinations of devices, appliances and equipment shall comply with Section 907.1.2. The automatic fire detectors shall be smoke detectors, except that an approved alternative type of detector shall be installed in spaces such as boiler rooms where, during normal operation, products of combustion are present in sufficient quantity to actuate a smoke detector.

“907.3.1.9 Owner landlord and occupant responsibilities. Devices provided and maintained. In a dwelling unit occupied under the terms of a rent agreement or under a month-to-month tenancy:

“1. At the time of each occupancy the landlord shall provide smoke detection devices in working condition and, after written notification by the tenant, shall be responsible for replacement; and

“2. The tenant shall keep the devices in working condition by keeping charged batteries in battery-operated devices, by testing the devices periodically, and by refraining from permanently disabling the devices.”

“907.3.1.11 Definitions. In this section, 'dwelling unit,' 'landlord,' 'rental agreement,' and 'tenant' have the meanings given in Arizona Revised Statutes.”

“907.3.1.12 Records and maintenance. The landlord or owner of any rental property shall inspect all smoke detection devices as required under NFPA 72 annually and a record of all inspections and maintenance activities shall be kept by the landlord or owner and available for inspection upon request by the chief. See with Fire Department Interpretation and Applications Manual.”

907.7 Activation. Where an alarm notification system is required by another section of this code, it shall be activated by:

1. Required automatic fire alarm system.
2. Sprinkler water-flow devices. “a. Multilevel structures. All multilevel structures are required to have a flow switch and tampered control valve per floor. See Fire Department Interpretation and Applications.

Exception:

Group R1 and R-2, occupancies with a domestic water supply serving 6 units or less and Group R-3. See with Fire Department Interpretation and Applications Manual.”

3. Required manual fire alarm boxes.

Section 2201, subsections 2201.4 is amended and 2201.7 is added as follows:

“2201.4 Indoor service stations. Motor vehicle fuel-dispensing stations located inside buildings is prohibited within the entire town.”

“2201.7 Fire protection. Fire sprinkler protection shall be designed in accordance with the building code as required for Ordinary Hazard Group 2.

Section 2204, subsection 2204.3.1 is amended as follows:

“2204.3.1 General. Unattended self-serve stations. Unattended self-serve stations are prohibited within the entire Town.”

“Exception:

Unattended self-serve stations may be allowed by special permit by the Chief for private commercial use only. Written request and documentation shall be submitted showing compliance with 2204.3.1 through 2204.3.7 and all other applicable codes and ordinances.”

Section 2206, subsection 2206.2.2, 2206.2.3 are amended as follows

“2206.2.2 Above-ground tanks located inside building. Above ground tanks for the storage of Class I, II, IIIA liquid fuels are prohibited within the entire town.”

“2206.2.3 Above-ground tanks located outside building. Above ground tanks for the storage of Class I, II, IIIA liquid fuels are prohibited within the entire town.”

Section 2403, subsection 2403.8.2 Exceptions, is amended as follows:

Exception:

“2403.8.2. Membrane structures, tents or canopies need not be separated from buildings provided throughout with an automatic sprinkler system when all of the following conditions are met:

2403.8.2.1 The aggregated floor area of the membrane structure, tent, or canopy shall not exceed 10,000 feet (929m sq).

2403.8.2.2 The aggregate floor area of the building and membrane structure, tent or canopy shall not exceed the allowable floor area including travel distance.

2403.8.2.3 Fire apparatus roads are provided in accordance with 503”

Section 3301, subsection 3301.2.3 is amended as follows, and 3301.2.5 is added as follows:

“3301.2.3 Permit restrictions. The storage of explosives and blasting agents is prohibited within the entire town, except for temporary storage for use in connection with approved blasting operations provided. However, this prohibition shall not apply to wholesale and retail stocks of small arms ammunition, explosive bolts, explosive rivets or cartridges for explosive-actuated power tools in quantities involving less than 500 pounds (226.8kg) of explosive material.”

Section 3404, subsection 3404.2.9, 3404.2.13.1.4 is amended to read:

“3404.2.9 Locations where aboveground tanks are prohibited. Storage of Class I and II liquids in aboveground tanks outside of buildings is prohibited within the entire town.”

“Exception:

Installations of 2000 gallons (7,570.8L) or less aggregate quantity may be approved by special permit by the chief.”

“3404.2.13.1.4 tanks abandoned in place. The abandonment of tanks in place shall be prohibited within the entire town.”

Section 3804, table 3804-3, footnote e/5 is added as follows:

“Table 3804-A, Footnote e/5.

"e/5 a container less than 125 gallons (473.2l) may be located next to a block fence when the tank is not within 5 feet (1524mm) of a structure on adjoining property."

Section 3812, subsection 8212.1.1 is added as follows:

"3812.1. Consumer exchange of pre-filled containers. The storage of portable containers at exchange sites shall be limited to a maximum of 381.6 pounds (173.1 kg) or less, whether filled, partly filled or empty, at consumer exchange sites or distribution points. See Fire Department Interpretation and Applications Manual for installations."

Section 9003, Subsection n.2 is amended as follows:

"National Fire Protection Association NFPA National Fire Codes Battery Park, Quincy, MA 02269

NFPA, National Fire Codes, the most recent editions in publication at time of ordinance approval."

Section 10-1-1 F. Bureau of Fire Prevention.

"(a) The International Fire Code shall be enforced by the Bureau of Fire Prevention of the fire department which is hereby established and which shall be operated under the supervision of the chief of the fire department."

"(b) A report of the Bureau of Fire Prevention shall be made annually and transmitted to the town manager. The report shall contain all proceedings under this chapter, with such statistics as the chief of the fire department may wish to include therein. The chief of the fire department shall also recommend any amendments to this article which, in his judgment, are desirable.

DIVISION 2. Design criteria. New construction design criteria in fully sprinklered

developments.

Control and Suppression of Hazard Fire Access
Section H101
General

H101.1 Scope. The unrestricted use of grass-, grain-, brush- or Forrest-covered land in hazardous fire areas is a potential menace to life and property from fire and resulting erosion. Safeguards to prevent the occurrence of fire and provide adequate fire protection facilities to control the spread of fire which might be caused by recreational, residential commercial, industrial or other activates conducted in hazardous fire areas shall be in accordance with Appendix H.

Section H102
Definitions

H102.1 Definitions. For the purpose of appendix H certain terms are defined as follows:

Tracer is any bullet or projectile incorporating features which mark or trace the flight of said bullet or projectile by flame, smoke, or other means which resulting fire or heat.

Tracer charge is any bullet or projectile incorporating a feature designed to create a visible or audible effect by means which results in fire or heat and shall include any incendiary bullets or projectiles.

Section H103
Permits

H103.1 Permits The Chief is authorized to stipulate conditions for permits. Permits shall not be issued when public safety would be at risk, as determined by the chief.

Section H104
Restricted Entry

H104.1 Restricted entry. The chief shall determine and publicly announce when hazardous fire areas shall be closed to entry and when such areas shall again be opened to entry. Entry on and occupation of hazardous areas, except public road ways, inhabited areas or established trails and camp sites which have not been closed during such timed when the hazardous fire is closed to entry, is prohibited.

Exception:

1. Residents and owners within hazardous fire areas and their invitees and guest going to being upon their land.
2. Entry to the course of duty, by Town Marshall, Sheriff's deputies, fire department personnel authorized public officers, and members of the United States Forrest Service.

**Section H105
Trespassing on Posted Property**

H105.1 General When the chief determines that a specific area within a hazardous fire presents an exceptional and continuing fire danger because of the density of natural growth, difficult terrain, proximity to structures or accessibility to public, such area shall be closed until changed conditions warrant termination of closure. Such areas shall be posted as hereafter provided.

H105.2 Signs. Approved signs prohibiting entry by unauthorized persons and referring to appendix H shall be placed on every closed area.

3. Exception:

Owners or occupants within closed and posted areas, their guests or invitees, Town Marshall, Sheriff's deputies, fire department personnel authorized public officers, and members of the United States Forrest Service acting in the course of their duties.

**Section H106
Smoking**

H106.1 General Lighting, or otherwise setting fire to smoking tobacco, cigarettes, pipes or cigars in hazardous fire areas is prohibited.

Exception:

Places of habitation or within the boundaries of established smoking areas or campsites as designated by the fire chief.

Section H107
Spark Arresters

H107.1 Spark Arresters. Chimneys in conjunction with fire places, barbecues, incinerators or heating appliances in which solid or liquid fuel used, upon buildings, structures or premises located within 200 feet (60 960mm) of hazardous fire areas shall be provided with spark arrester constructed with heavy wire mesh or other non-combustible material with openings not to exceed ½ inch (12.7m.m.).

Section H108
Tracer Bullets, Tracer Charges, Rockets and Model Aircraft.

H108.1 General. Tracer bullets and tracer charges shall not be used or possessed, fired or caused to be fired into or across hazardous fire areas. Rocket model airplanes gliders and balloons powered with an engine propellant or other feature liable to start or cause fire shall not be fired or projected into across hazardous fire areas.

Section H109
Blasting and Explosives

H109.1 Explosives and Blasting: Explosives shall not be possessed kept or sold, offered for sale, given away used discharged transported or disposed of within hazardous fire areas except by permit from the fire chief.

Section H110
Fireworks

H110.1 Fireworks. Fireworks shall not be used or discharged in hazardous areas. The Chief is authorized to seize take remove to cause to be removed, fireworks in violation of section 10.

Section H111
Apiaries

H111.1 Apiaries. Lighted and smoldering material shall not be used in conjunction with smoking bees in or upon hazardous fire areas except by permit from the chief.

Section H112
Open-Flame Devices

H112.1 Open-flame devices. Welding torches, tar pots, decorative torches and other devices, machine or processes liable to start or cause fire shall not be used or operated in or upon hazardous fire areas, except from a permit from the chief.

EXCEPTION:

used within habited premises or designated campsites which are a minimum of 30 feet (9144 mm) from grass-grain-, brush-, or forest-covered areas.

Flame employing devices, such as of lanterns or kerosene road flares, shall not be operated or used as a signal or marker in or upon hazardous fire areas.

EXCEPTION:

The proper use of fuses at the scene of emergencies or as required by standard operating procedures.

Section H113
Outdoor Fires

H113.1 Outdoor fires. Outdoor fires shall not be built, ignited or maintained in or upon hazardous fire areas except by permits from the chief.

EXCEPTION:

Outdoor fires within inhabited premises or designated campsites where such fires are built in a permeate barbecue, portable barbecue, outdoor fireplaces, incinerator or grill and are a minimum of 30 feet (9144mm) from grass-, brush-, or forest-covered area.

Permits shall include such terms and conditions which will reasonable safeguard public safety and property. Outdoor fires shall not be built, ignited or maintained in or upon hazardous fire areas under the following conditions:

1. When High winds are blowing.

2. When a person age 17 or over is not present at all times to watch and tend fire, or

3. When the public announcement that open burning is prohibited.

Permanent barbeque, outdoor fire places or grills shall not be used for the disposal of rubbish, trash or combustible waste material.

Section H114 Incinerators and Fireplaces

H114.1 General: Incinerators, outdoor fireplaces, permanent barbeques and grills shall not be built, installed or maintained in hazardous fire areas without prior approval of the chief. Incinerators, outdoor fireplaces, permanent barbeques and grills shall be maintained in good repair in safe conditions at all times. Openings in such appliances shall be provided with an approved spark arrester, screen or door.

EXCEPTION:

When approved, unprotected openings in barbeque and grills necessary from proper functioning.

Section H115 Clearance of brush and Vegetative Growth From Electrical Transmission Lines

H1115.1 General. Clearance of brush and vegetative growth from electrical transmission lines shall be in accordance with section 115.

EXCEPTION:

Section 115 does not authorize persons not having legal right of entry to enter upon or damage the property of others consent of the owner.

H115.2 Support tension lines clearance. Person owning, controlling, operating or maintaining electrical transmission lines upon hazardous fire areas shall maintain the clearance specified in Section 15.3 in all directions between vegetation and conductors carrying electrical current:

1. For lines operating at 2,400 volts and less than 68,000 volts, 4 feet (1219mm)
2. For lines operating 68,000 volts and less than 110,00 volts, 6feet (1829)
3. For lines operating at 110,000 volts and over, 10 feet (3048 mm)

Such distance shall be sufficiently great to furnish the required distance from the particular wire or conductor to position of such wire or conductor at temperatures of 120 F (48.9C) or less . Forked, dead, old, decadent and rotten trees; trees weakened by cat faces, decay or disease; and trees leaning toward the line, which could contact the line from the side or fall on the line, shall be felled, cut or trimmed to remove the hazard.

H115.4 Self-supporting aerial cable. Line clearance is not required for self-supporting aerial cable, except that forked trees, leaning trees, and other growth which could fall across the cable break it shall be removed.

Section H116 Clearance of Brush or Vegetation growth from Structures

H116.1 General. Persons owning leasing, controlling operating or maintaining buildings or structures in, upon, or adjoining hazardous fire areas and persons owning, leasing, or controlling land adjacent to such buildings or structures, shall at all times:

1. Maintain an effective firebreak by removing and clearing away flammable vegetation and combustible growth from areas with 30feet of such buildings or structure;

Exception:

single specimens of trees, ornamental shrubbery or similar plants used as ground covers provided that they do not form a means of rapidly transmitting fire from the native growth to any structure,

H116.2 Corrective actions. The town council is authorized to instruct the chief to give notice to the owner of the property upon which conditions regulated by Section 116.1 exist to correct such conditions. If the owner fails to correct the conditions, the executive body is authorized to cause the same to be done and make the expense of such correction a lien upon the property where such conditions exist.

Section H117

Clearance of Brush or Vegetation growth from Roadways

H117.1 Clearance of brush or vegetation. The Chief is authorized to cause area within 10 feet (3048 mm) on each side of proportions of hi ways and private streets which are improved, designed or ordinarily used for vehicular traffic to be cleared of flammable vegetation and other combustible growth. The Chief is authorized to enter upon private property to do so.

EXCEPTION:

Single specimens of tree, ornamental shrubbery or cultivated ground such as green grass, ivy succulents or similar plants used as ground cover, provided that they do not form a means of readily transmitting fire.

Section H118

Unusual Circumstances

H118 Unusual circumstances. If the chief determines the difficult terrain, danger of erosion or other unusual circumstances make strict compliance with the clearance of vegetation provisions of Sections 115, 116, or 117 of Appendix H undesirable or impractical, enforcement thereof may be suspended and reasonable alternative measures shall be provided.

Section H119

Dumping

H119.1 Dumping Garbage, cans, bottles, papers, ashes, refuse, trash, or rubbish or combustible waste materials shall not be placed deposited or dumped in or upon hazardous fire areas or in upon or along trails roadways or highways in hazardous fire areas.

EXCEPTION:

Approved public and private dumping areas.

Section H120

Disposal of Ashes

H120.1 Disposal of ashes. Ashes and coals shall not be placed deposited or dumped upon hazardous fire areas.

Exceptions:

1. In the hearth of an established fire pit, camp stove or fire place.
2. In noncombustible containers with tight fitting lids, which are kept or maintained in a safe location not less than 10 feet from combustible vegetation or structures.
3. Where such ashes or coals are buried and covered with 1 foot of mineral earth not less than 25 feet from combustible vegetation or structures.

Section H121
Use of Fire Roads and Firebreaks

H121.1 Use of Fire Roads and Firebreaks: Motorcycles motor vehicles shall not be driven or parked upon, and trespassing is prohibited upon fire roads or firebreaks beyond the point where travel is resisted buy a cable gate or sign, without the permission of the property owners. Vehicles shall not be parked in a manner which obstructs the entrance to a fire road or firebreak.

EXCEPTION:

Public Officers acting in the scope of there duty.

Radio and television aerials guy wires thereof, and other obstructions shall not be installed or maintained on firebreaks or fire roads unless located 16 feet or more above such fire road or firebreak.

Section H122
Use of Motorcycles, Motor scooters and Motor Vehicles

H122.1 Use of Motorcycles, Motor scooters and Motor Vehicles shall not be operated within hazardous areas without a permit by the chief except on clearly established private or public roads. Permission from the property owner shall be presented when requesting a permit.

Section H123
Tampering with Fire Department Locks Barricades and Signs

H123 Tampering with Fire Department Locks Barricades and Signs
Seals cables signs and markers installed within hazardous fire areas, by or under the control of the fire chief shall not be tampered with, mutilated destroyed or

removed.

Section H124 Liability for Damages

Section 124 Liability for Damages. The expense of fire fighting operations which is the result of violation of Appendix H shall be a charge against the person whose violation of appendix H caused the fire. Damages caused by such fires shall constitute a debt of such person or persons and are collectable by the fire chief in the same manner as in the case of an obligation under a contract, expressed, or implied.

- G. "Uniform Abatement of Dangerous Building ,"(UADB) 1994 Edition, published by the International Conference of Building Official."
- H. "Uniform Swimming Pool, Spa and Hot Tub Code," 1994 edition, published by IAMPO.
- I. That certain document entitled, "The Town of Carefree Adobe Code," dated April 1985.
- J. That certain document entitled, "Conducting, Blasting, Operations code," dated November 1988.