

EXHIBIT A

CHAPTER 7 BUILDING

ARTICLE 7-1

ORDINANCE **2026-A512**

ADOPTION OF THE **2024** INTERNATIONAL CODE COUNCIL CODES (ICC) AND RELATED PUBLIC CODES (2004-A274) (2006-A332) (2007-A341) (2009-A361) (2009-A359) (2014-A401) (2019- A440) (**2026-A512**)

Pursuant to ARS §9-802 (as amended), the Town hereby adopts for application and enforcement for all construction within Town limits the following codes heretofore in existence, together with all future amendments, revisions, and modifications as issued by the respective publishing agencies.

1. **2024** International Code Council Codes, Published by the International Code Council Incorporated, (ICC), **2024** Edition.
2. **2024** International Building Code, Including **Appendix C – Group U Agricultural Buildings**, **Appendix I – Patio Covers**, **Appendix J – Grading**, **Appendix K – Administrative Provisions**, and **Appendix P – Sleeping Lofts** Published by the International Code Council Incorporated, (ICC), **2024** Edition.
3. 2018 International Energy Conservation Code, Published by the International Code Council Incorporated, (ICC), 2018 Edition
4. **2024** Existing Building Code, Published by the International Code Council Incorporated, (ICC), **2024** Edition.
5. **2024** International Fire Code, Including **Appendix B – Fire Flow Requirements For Buildings**, **Appendix C – Fire Hydrant Locations and Distribution**, **Appendix D – Fire Apparatus Access Roads**, **Appendix E – Hazard Categories**, **Appendix F – Hazard Ranking**, **Appendix G – Cryogenic Fluids-Weight And Volume Equivalents** and **Appendix J – Building Information Sign** Published by the International Code Council Incorporated, (ICC), **2024** Edition.
6. **2024** International Fuel Gas Code, Including **Appendix A – Sizing and Capacities of Gas Piping**, **Appendix B – Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods**, **Category I Appliances and Appliances Listed for Use with Type B Vents**, and **Appendix C – Recommended Procedure for Safety Inspection of an Existing Appliance Installation**, Published by the International Code Council Incorporated, (ICC), **2024** Edition.

7. **2024** International Mechanical Code, Including Appendix A — Chimney Connector Pass-Throughs, Published by the International Code Council Incorporated, (ICC), **2024** Edition.

8. **2023** National Electrical Code, Published by the National Fire Protection Association, **2023** Edition.

9. **2024** International Plumbing Code, Including Appendix C — Structural Safety, And Appendix E — Sizing of Water Piping System. Published by the International Code Council Incorporated, (ICC), **2024** Edition.

10. **2024** International Residential Code For One- And Two-Family Dwellings, Including Appendix **BB - Tiny Houses**, Appendix **BD – Home Day Care Occupancy**, Appendix **BF – Patio Covers**, Appendix **BJ – Strawbale Construction**, Appendix **BM – 3D Printed Building Construction**, Appendix **BN – Extended Plate Wall Construction**, Appendix **CA — Sizing and Capacities of Gas Piping**, Appendix **CB — Sizing of Venting Systems Serving Appliances Equipped With Draft Hoods**, Category 1 Appliances and Appliances listed with use with Type B Vents, Appendix **CD — Piping Standards for Various Applications**, Appendix **CE — Venting Methods**, Appendix **CF — Sizing of Water Piping Systems**, and Appendix **P – Sleeping Lofts**. Published by the International Code Council Incorporated, (ICC), **2024** Edition.

11. **2024** International Swimming Pool and Spa Code, Published by the International Code Council Incorporated, (ICC), **2024**.

12. Town of Camp Verde Administrative Building Code

13. And Amendments

The effective date of the ordinance shall be **April 1, 2026** after which all new construction shall meet the standards set forth in the ICC and the above-related codes.

The Town Council shall adopt fee schedules for inspection and certification under the codes annually, upon recommendation of the **Development Services Director**.

At least three (3) copies of the ICC and the above codes, and any future amendments or revisions, shall be kept on file in the Community Development Department. All copies shall be readily available for inspection, including any supplementary pamphlets or explanatory booklets for distribution to the public.

It shall be unlawful for any person, firm, or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or maintain any building or structure or cause or permit the same to be done in violation of any standard or provision of the ICC and above related codes, including their subsequent revisions and modifications.

In addition to the criminal penalties, the Court, upon conviction, may order abatement or removal of the construction, and issue appropriate injunctive relief. The Building Official shall issue no final certificate of occupancy until the construction or action described in this paragraph has been inspected and shown to meet all ICC and related code requirements, and all fees to the Town paid.

The Building Official, as defined in Town Code Article 7-2, Section 7-2-103, shall be the administrative authority duly appointed to enforce these codes.

Any person found guilty of violating any provision of this ordinance shall be guilty of a Class 2 misdemeanor. Each day that a violation continues shall be a separate offense and punishable as a separate offense.

Section 7-1-100 - Town of Camp Verde Technical Code Amendments

The above listed documents are hereby amended for the incorporated areas of the Town of Camp Verde.

INTERNATIONAL BUILDING CODE, 2024 EDITION, ADOPTED BY REFERENCE

The International Building Code (IBC), 2024 Edition, Including **Appendix C – Group U Agricultural Buildings**, Appendix I — Patio Covers, Appendix J — Grading, Appendix K — Administrative Provisions, and **Appendix P – Sleeping Lofts**, and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 SCOPE AND ADMINISTRATION is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 202 DEFINITIONS is hereby amended by addition of the following new words and terms:

DIRECTED CARE SERVICE. Care of residents, including personal care services, who are incapable of recognizing dangers, 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:

- Alcohol and Drug Abuse Centers
- Assisted Living Homes
- Congregate Care Facilities
- Convalescent Facilities
- Group Homes
- Halfway Houses
- Social Rehabilitation Facilities

PERSONAL CARE SERVICE. The care of persons who do not require medical care. Personal care involves assistance with activities of daily living and includes responsibility for the safety of the persons while inside a building.

SECTION 305.2 DAY CARE FACILITIES is amended by addition of Exception 1 to read as follows:

Exceptions:

1. A "***child care group home***" complying with the requirements ***ARS §36-897*** and providing child care for less than twenty-four (24) hours per day for not less than five (5) children but no more than ten (10) children through the age of twelve (12) years shall be classified as Group R-3 provided that all child care rooms are located on the level of exit discharge and each child care room has an exit door directly to the exterior.

SECTION 308 is hereby amended by addition of Section **308.2.5**.

308.2.5 Institutional 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 limited to the following:

- Alcohol and Drug Centers
- Assisted Living Facilities
- Congregate Care Facilities
- Convalescent Facilities
- Group Homes
- Halfway Houses
- Residential Board and Custodial Care Facilities
- Social Rehabilitation Facilities

SECTION 308 is hereby amended by addition of section **308.3.2.1**.

308.3.2.1 Six to Ten persons receiving care. A facility such as the above, housing not fewer than six and not more than 10 persons receiving such care, shall be classified as a Group R-4 Condition 1.

SECTION 308 is hereby amended by addition of section **308.3.2.2**.

308.3.2.2 Institutional 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 incapable 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:

- Foster Care Facilities
- Detoxification Facilities
- Hospitals
- Nursing Homes
- Psychiatric Hospitals

SECTION 308 INSTITUTIONAL GROUP I-2 is amended by addition of SECTION 308.3.2.3 to read as follows:

308.3.2.3 Ten or more persons receiving care. This occupancy shall also include buildings and structures used for assisted living homes providing supervisory, personal, or directed care on a 24-hour basis of more than 10 persons who are incapable 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.

SECTION 310.3 RESIDENTIAL GROUP R-2 is hereby amended by adding the following item to the list of R-2 residential occupancies:

- Residential condominiums

SECTION 310.5 RESIDENTIAL GROUP R-4 is hereby deleted in its entirety and revised to read as follows:

310.5 Residential Group R-4. Residential Group R-4 occupancy shall include buildings, structures or portions thereof for not more than 10 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. Building of Group R-4 shall be classified as one of the occupancy conditions specified in Section 310.5.1 or 310.5.2. This group shall include, but not be limited to the following:

- Alcohol and drug centers
- Assisted living facilities
- Congregate care facilities
- Group homes

- Halfway houses
- Residential board and care facilities
- Social rehabilitation facilities

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3, except as otherwise provided for in this code.

310.5.2 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.

SECTION 406.3 is hereby amended by adding the following subsection:

406.3.4 Open Carports. Carports for other than single family residential uses which are open on all sides and constructed entirely of noncombustible materials, except for an approved fascia, shall not exceed 5,000 square feet and shall be located no closer than 3 feet to an adjacent lot line, nor closer than 6 feet to any projecting element of an adjacent building or structure. The edge of the carport roof shall be used to measure the separation distance to adjacent lot lines, buildings or structures.

SECTION 502.1 ADDRESS IDENTIFICATION is hereby amended to read as follows:

SECTION 502.1 ADDRESS IDENTIFICATION. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be a minimum of 6 inches (102 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official or fire district having authority, address identification shall be provided in larger numbers and/or additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. Address identification shall be maintained.

SECTION 707.3.12 ELECTRICAL ROOMS WITH SERVICE ENTRANCE EQUIPMENT is hereby added and shall read as follows:

Fire-resistance rated walls and/or horizontal assemblies with a fire-resistance rating of one hour shall be provided to separate an electrical room containing service entrance equipment from adjacent rooms and spaces.

SECTION 714.4.1 THROUGH PENETRATIONS EXCEPTION 2 is hereby deleted in its entirety.

SECTION 901.5 ACCEPTANCE TESTS. Delete the last sentence and replace with the following:

It shall be unlawful to use, occupy, or furnish any portion of a structure until the fire protections systems of the structure have been tested and approved.

SECTION 903.2.8 GROUP R is hereby deleted in its entirety.

SECTION 1010.1.2 EGRESS DOOR TYPES EXCEPTION 4 is hereby deleted in its entirety and revised to read as follows:

4. Doors within or serving a single dwelling unit in Group R-2, R-3 as applicable in **Section 1010.2**, and **R-4**.

SECTION 1102.1 DESIGN is hereby deleted in its entirety and revised to read as follows:

1102.1 Design. Buildings and facilities shall be designed and constructed to be accessible in accordance with the following:

1. The 2010 standards for State and local governments, which consist of Title II regulations at 28 CFR 35.15. and 2004 ADAAG at 36 CFR part 1191, Appendices B and D;
2. The 2010 standards for public accommodations and commercial facilities, which consist of the Title III regulations at 28 CFR 366 Subpart D, and the 2004 ADAAG at 36 CFR part 1191, Appendices B and D;
3. This code;
4. ICC A117.1-2017.

CHAPTER 13 ENERGY EFFICIENCY

SECTION 1301.1.1 CRITERIA is hereby amended as follows:

SECTION 1301.1.1 CRITERIA. Buildings shall be designed and constructed in accordance with the 2018 International Energy Conservation Code.

SECTION 1705.4 is amended as follows.

SECTION 1705.4 Masonry Construction: The following exception shall be added:

Exception: 4. Masonry fences six (6) feet or less in height above grade.

TABLE 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES is hereby amended as follows: Revise footnote "e" to "25 or fewer."

SECTION 2902.6 is hereby amended by revising "15" to "25".

SECTION J103 PERMITS REQUIRED is hereby amended to read as follows:

J103.1 Permits required. Except as exempted in the **Section J103.2**, no grading shall be performed without first having obtained a permit therefor from the building official or town engineer. A grading permit does not include the construction of retaining walls or other structures.

SECTION J105.2 SPECIAL INSPECTIONS is hereby amended to read as follows:

J105.2 Special inspections. The special inspection requirements of Section **1705.6** shall apply to work performed under a grading permit when required by the building official or town engineer.

SECTION J108.3 SLOPE PROTECTION is hereby amended to read as follows:

J108.3 Slope protection. Where required to protect adjacent properties at the toe of a slope from adverse effects of the grading, additional protection, approved by the building official or town engineer, shall be included. Such protection may include but shall not be limited to:

1. Setbacks greater than those required by Figure J108.1.
2. Provisions for retaining walls or similar construction.
3. Erosion protection of the fill slopes.
4. Provision for the control of surface waters.

SECTION J109.3 INTERCEPTOR DRAINS is hereby amended to read as follows:

J109.3 Interceptor drains. Interceptor drains shall be installed along the top of cut slopes receiving drainage from a tributary width greater than 40 feet (12 192mm), measured horizontally. They shall have a minimum depth of 1 foot (305 mm) and a minimum width of 3 feet (915 mm). The slope shall be approved by the building official or town engineer but shall not be less than 50 horizontals to 1 vertical (2 percent). The drain shall be paved with concrete not less than 3 inches (76 mm) in thickness, or by other materials suitable to the application. Discharge from the drain shall be accomplished in a manner to prevent erosion and shall be approved by the building official or town engineer.

APPENDIX P – SLEEPING LOFTS is hereby amended as follows:

P103.3.1 WIDTH. Stairways providing egress from a sleeping loft shall not be less than 26 inches in clear width at, above or below the handrail.

P103.4 ALTERNATING TREAD DEVICES is hereby deleted in its entirety.

P103.5 SHIP'S LADDERS is hereby deleted in its entirety.

P103.6 LADDERS is hereby deleted in its entirety.

INTERNATIONAL ENERGY CONSERVATION CODE, 2018 EDITION, ADOPTED BY REFERENCE

The International Energy Conservation Code (IECC), 2018 Edition, and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 [CE] AND CHAPTER 1 [RE] SCOPE AND ADMINISTRATION is hereby deleted in its entirety and replaced with the Requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

TABLE C301.1 and TABLE R301.1 is hereby amended to read climate zone 2B for the Town of Camp Verde.

SECTION C402.4.1.2.3 BUILDING TEST is hereby deleted in its entirety.

SECTION R402.4.1.2 TESTING is hereby deleted in its entirety.

SECTION R403.5.1 R403.5.1.1 & R405.4.1.2 CIRCULATING HOT WATER SYSTEMS (MANDATORY) is hereby deleted in its entirety.

SECTION R404.1 LIGHTING EQUIPMENT (MANDATORY) is hereby deleted in its entirety.

INTERNATIONAL EXISTING BUILDING CODE, 2024 EDITION, ADOPTED BY REFERENCE

The International Existing Building Code (IEBC), 2024 Edition, and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 SCOPE AND ADMINISTRATION is hereby deleted in its entirety and replaced with the Requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

Section 305.4.2 has been deleted in its entirety and shall be replaced by amendments to **Section 306.7.12**.

Section 305.8.10 has been deleted in its entirety and shall be replaced by amendments to **Section 306.7.13**.

Section 306.7.12 Toilet Rooms is hereby amended with the addition of the last two sentences:

Where it is *technically infeasible* to alter existing toilet rooms to be accessible, one accessible single-user toilet room or one accessible family or assisted-use toilet room constructed in

accordance with Section 1110.2.1 of the *International Building Code* is permitted. This toilet room shall be located on the same floor and in the same area as the existing toilet rooms. At the inaccessible toilet rooms, directional signs indicating the location of the nearest such toilet room shall be provided. These directional signs shall include the International Symbol of Accessibility, and sign characters shall meet the visual character requirements in accordance with ICC A117.1-2017. As an alternative, in existing toilet rooms, one fixture (water closet or urinal) may be removed (where two or more fixtures exist) to create the required space for an accessible water closet. Where no toilet room exists and is required by this code for the intended use, an accessible toilet room shall be added, pursuant to the requirements of this section, applicable codes, and referenced standards.

306.7.13 Bathing Rooms is hereby amended with the addition of the last two sentences.

Where it is *technically infeasible* to alter existing bathing rooms to be accessible, one accessible single-user bathing room or one accessible family or assisted-use bathing room constructed in accordance with Section 1110.2.1 of the *International Building Code* is permitted. This accessible bathing room shall be located on the same floor and in the same area as the existing bathing rooms. At the inaccessible bathing rooms, directional signs indicating the location of the nearest such bathing room shall be provided. These directional signs shall include the International Symbol of Accessibility, and sign characters shall meet the visual character requirements in accordance with ICC A117.1. As an alternative, in existing bathing rooms, one fixture (water closet or urinal) may be removed (where two or more fixtures exist) to create the required space for an accessible water closet. Where no bathing room exists and is required by this code for the intended use, an accessible bathing room shall be added, pursuant to the requirements of this section, applicable codes, and referenced standards.

SECTION 401.3 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 405.2.6 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 502.2 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 503.2 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 507.3 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 1103.3 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 1201.4 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

Section 1203.3 is hereby amended by revising the title to read as follows:

1203.3 Means of Egress and Emergency Escape and Rescue.

Section 1204.6 is hereby amended by revising the title and the first sentence to read as follows:

1204.6 Means of Egress and Emergency Escape and Rescue. Existing window openings, door openings and corridor and stairway widths less than... (remaining text unchanged).

SECTION 1303.1.3 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 1402.6 FLOOD HAZARD AREAS is hereby deleted in its entirety. See Article 7-2-103.12.1 of the Town Administrative Building Code.

INTERNATIONAL FIRE CODE 2024 EDITION, ADOPTED BY REFERENCE

The International Fire Code (IFC), 2024 EDITION, including Appendix B — Fire Flow Requirements **For Buildings**, Appendix C — Fire Hydrant Locations and Distribution, and Appendix D — Fire Apparatus Access Roads, **E – Hazard Categories, F – Hazard Ranking, G – Cryogenic Fluids-Weight And Volume Equivalents and J – Building Information Sign** and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 SCOPE AND ADMINISTRATION:

SECTION 101 SCOPE AND GENERAL REQUIREMENTS:

SECTION 101.1 TITLE is hereby amended to read as follows:

[A] 101.1 Title. These regulations shall be known as the Fire Code of the Town of Camp Verde, Arizona, hereinafter referred to as "this code." All references to Fire Code Official in the adopted International Fire Code (IFC) will be deemed to mean the appointed Building Official of the Town of Camp Verde or his designee, which from time to time in accordance with the Intergovernmental Agreements (IGA's) with the Town of Camp Verde Fire District, a separate entity from the Town, will be the Camp Verde Fire District appointed Fire Marshal.

SECTION 103 DEPARTMENT OF FIRE PREVENTION is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 104 GENERAL AUTHORITY AND RESPONSIBILITIES is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTIONS 105.1.1 GENERAL through **105.4 REVOCATION** are hereby deleted in their entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 105.5 REQUIRED OPERATION PERMITS is hereby amended to read as follows:

[A] 105.5 Required operational permits. The building official or fire code official is authorized to issue operational permits for the operations set forth in Sections **105.5.1** through **105.6.25**.

SECTION 106 CONSTRUCTION DOCUMENTS is hereby deleted in its entirety and re-written as follows:

SECTION 106 – CONSTRUCTION DOCUMENTS are subject to the requirements of the fire district having authority, as well as the Town of Camp Verde Administrative Building Code, as adopted and amended from time to time.

SECTION 107 TEMPORARY STRUCTURES, USES, EQUIPMENT AND SYSTEMS is hereby amended to read as follows:

SECTION 108 FEES is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 109 INSPECTIONS is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 109 BOARD OF APPEALS was removed from Chapter 1 in the 2024 edition and relocated to the appendices. Since **APPENDIX A – BOARD OF APPEALS** is not being adopted, this section may be removed in its entirety.

SECTION 111 SERVICE UTILITIES is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 112 MEANS OF APPEALS is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 113 VIOLATIONS is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 114 STOP WORK ORDER is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 115 UNSAFE BUILDINGS is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 202 DEFINITIONS is hereby amended by the addition of the following term:

FIRE RISK ANALYSIS. An analytical process or review conducted by the fire district having authority in accordance with nationally recognized standards; such as NFPA 101; 101A; 550; 551; or 1142; ICC IUEWIC; and ISO evaluation criteria to determine minimum levels of fire protection requirements based upon the risk associated with the subject matter, where not specifically detailed in this code or when an application requesting a reduction or modification to this code is received.

The fire district having authority shall take into consideration fire scenarios and their probability of occurrence and or potential consequences. Items to consider in the fire risk analysis process or review may include; distances to fire stations; available fire apparatus and first responders; fire protection systems; wildland interface; building and occupancy Page 3 of 11 types; hazardous materials; water supplies; and other pertinent information detailing the subject matter being considered for modification or reduction of fire code prescriptions.

SECTION 504.2.1 NO EXIT SIGNAGE is hereby amended to read as follows:

SECTION 504.2.1 NO EXIT SIGNAGE. Any door, passage, or stairway that is neither an exit nor a way of exit access and that is located or arranged so that it is likely to be mistaken for an exit shall be identified by a sign that reads NO EXIT. The NO EXIT sign shall consist of letters having a principal stroke of not less than 0.75 inches (19.1 mm) wide and at least 6 inches (152 mm) high on a contrasting background.

SECTION 505 PREMISES IDENTIFICATION is hereby deleted in its entirety and revised to read as follows:

SECTION 505.1 ADDRESS IDENTIFICATION. New and existing buildings shall have approved address numbers, building numbers or building identification placed in a position that is

plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of 6 inches high with a minimum stroke width of .5 inch. Larger numbers, and/or additional locations may be required by the fire code official to facilitate emergency response. The fire code official is authorized to waive the requirements for any permit listed in Sections 105.6 and 105.7.

SECTION 505.2 STREET OR ROAD SIGNS. Street or road names shall be reviewed by the fire district having authority to ensure that they do not duplicate or conflict with existing names within the jurisdictions' dispatch center.

SECTION 507.3 FIRE FLOW is hereby deleted in its entirety and revised to read as follows:

SECTION 507.3 FIRE FLOW. Fire flow requirements for buildings or portions of buildings and facilities shall be determined by an approved method, Appendix B, and/or a Fire Risk Analysis.

CHAPTER 9 FIRE PROTECTION SYSTEMS is hereby amended to read as follows:

SECTION 901.1 SCOPE is hereby amended by adding the last sentence:

SECTION 901.1 SCOPE. The provisions of this Chapter identify where fire protection systems are required and apply to the design, installation, inspection, operation, testing, and maintenance of fire protection and life safety systems. To the extent the Town of Camp Verde lacks authority under state law to enforce certain requirements, such requirements shall be enforced by the fire district having authority, as adopted by that district.

SECTION 901.2 CONSTRUCTION DOCUMENTS is hereby amended to read as follows:

SECTION 901.2 CONSTRUCTION DOCUMENTS. The fire code official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation, or modification of any fire protection system. Automatic sprinkler system plans shall be submitted bearing a review certification and signature of a minimum level III NICET Certified Engineering Technical or Arizona registrant. Fire sprinkler plans for high-piled combustible storage occupancies shall require a registered fire protection engineer stamp. Fire alarm system plans shall be submitted bearing a review certification and signature of a minimum level III NICET Technician or Arizona registrant. Construction documents for fire protection systems shall be submitted for review and approval prior to system installation.

SECTION 901.6 INSPECTION, TESTING AND MAINTENANCE is hereby amended to read as follows:

SECTION 901.6 INSPECTION, TESTING AND MAINTENANCE. Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times and shall be replaced or repaired were defective. Non-required fire protection systems and equipment

shall be inspected, tested, and maintained or removed. The building owner shall be responsible for assuring that each fire protection system is maintained in an operable condition at all times per the applicable standard for that specific system. If a backflow prevention assembly is installed as part of a fire sprinkler system, it shall be tested. Individuals or businesses conducting inspections, testing, repair or maintenance of fire protection systems shall possess an appropriate valid fire protection system license issued by the Arizona Registrar of Contractors. The annual backflow prevention assembly tests shall be performed at the same time as the annual automatic fire sprinkler system tests. All work and periodic testing/maintenance shall be performed in accordance with the applicable standard for the fire protection system. Non-required systems shall be maintained in accordance with nationally recognized standards per section 901.4.2.

SECTION 901.6.3 RECORDS is hereby deleted in its entirety and revised to read as follows:

SECTION 901.6.3 RECORDS. Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained on the premises for a minimum of 3 years and shall be made available to the fire code official or fire district having authority upon request. All individuals/businesses performing tests, maintenance, and/or repair on any fire protection system, shall forward itemized reports of such work to the third-party compliance organization used by the fire district having authority within 30 days of the work performed.

Exception: Single Family occupancies built according to the International Residential Code (IRC) not including residential care facilities as defined in Chapter 2 of the IFC, are subject to the record requirements identified in the Town of Camp Verde Administrative Building Code.

SECTION 901.8.1 REMOVAL OR TAMPERING WITH APPURTENANCES is hereby amended to read as follows:

SECTION 901.8.1 REMOVAL OR TAMPERING WITH APPURTENANCES. Locks, gates, doors, barricades, chains, enclosures, signs, tags or seals which have been installed by or at the direction of the fire code official or the fire district having authority shall not be removed, unlocked, destroyed, tampered with or otherwise vandalized in any manner. Required padlocks shall be approved by the fire district having authority. Approved padlocks shall be installed at the direction of the fire code official or the fire district having authority .

SECTION 903.2.8 GROUP R is hereby deleted in its entirety.

SECTION 1010.1.2 DOOR SWING EXCEPTION 4 is hereby amended by repealing all prior amendments thereto and reinstating the original language of Section 1010.1.2 as set forth in the 2024 International Fire Code.

SECTION 1103.7 FIRE ALARM SYSTEMS is hereby amended by adding the following subsections:

SECTION 1103.7.7 NON-MONITORED SPRINKLER SYSTEM. A fire alarm system shall be installed throughout the building when an existing, non-monitored fire sprinkler system is modified by 20 or more sprinkler heads.

SECTION 1103.7.8 SPRINKLED BUILDING FIRE ALARM REQUIREMENT. An approved fire alarm system shall be installed in existing buildings when a fire sprinkler system is provided.

CHAPTER 56 EXPLOSIVES AND FIREWORKS

SECTION 5601.1.3 is hereby amended to read as follows:

SECTION 5601.1.3 FIREWORKS. The possession, manufacture, storage, sale, handling, and use of fireworks are prohibited.

Exceptions:

1. Storage and handling of fireworks as allowed in Section 5604.
2. Manufacture, assembly, and testing of fireworks as allowed in Section 5605.
3. The use of fireworks for fireworks displays as allowed in Section 5608.
4. The possession, storage, sale, handling and use of specific types of Division 1.4G fireworks where allowed by A.R.S. Title 36, Chapter 13, Article 1 or local ordinances and regulations, provided that such fireworks and facilities comply with NFPA 1124, CPSC 16 CFR Parts 1500 and 1507, and DOTn 49 CFR Parts 100 - 185, as applicable for consumers fireworks.

SECTION 5601.2.4 FINANCIAL RESPONSIBILITY is hereby amended to read as follows:

SECTION 5601.2.4 FINANCIAL RESPONSIBILITY. Before a permit is issued, as required by Section 5601.2, the applicant shall file with the jurisdiction a corporate surety bond in the principal sum of \$1,000,000 or a public liability insurance policy for the same amount, for the purpose of the payment of all damages to persons or property that arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgment results. The fire code official and/or fire district having authority is authorized to specify a greater or lesser amount when, in his or her opinion, conditions at the location of use indicate a greater or lesser amount is required. Government entities shall be exempt from this bond requirement.

5601.2.4.1 BLASTING is hereby amended to read as follows:

5601.2.4.1 BLASTING.

Before approval to do blasting is issued, the applicant for approval shall file a bond or submit a certificate of insurance in such form, amount and coverage as determined by the legal department of the jurisdiction and/or the fire district having authority to be adequate in each case to indemnify the jurisdiction and/or fire district against any and all damages arising from permitted blasting.

5601.2.4.2 Fireworks display.

The permit holder shall furnish a bond or certificate of insurance in an amount deemed adequate by the fire code official and/or fire district having authority for the payment of all potential damages to a person or persons or to property by reason of the permitted display, and arising from any acts of the permit holder, the agent, employees or subcontractors to indemnify the jurisdiction against any and all damages arising from permitted fireworks displays. The fire code official and/or fire district having authority is authorized to specify a greater or lesser amount when, in their opinion, conditions indicate a greater or lesser amount is required.

APPENDICIES

APPENDIX B FIRE-FLOW REQUIRMENTS FOR BUILDINGS

TABLE B105.1 MINIMUM REQUIRED FIRE FLOW AND FLOW DURATION FOR BUILDINGS is hereby amended by adding the following:

TABLE B105.1 MINIMUM REQUIRED FIRE FLOW AND FLOW DURATION FOR BUILDINGS

Footnote c: In special circumstances, where the public or private water utility or rural water supply will not provide the required 1,500 gpm, the fire code official may accept a lesser amount. This amount shall never be less than 1,000 gpm.

APPENDIX J BUILDING INFORMATION SIGN

J101.1 SCOPE is hereby amended to read as follows:

J101.1 Scope. New buildings shall have a building information sign(s) that shall comply with Sections J101.1.1 through J101.7. Existing buildings shall be brought into conformance with Sections J101.1 through J101.9 when one of the following occurs:

1. When required by the fire district having authority.
2. A change in use or occupancy has occurred.

Exceptions:

1. Group U occupancies.
2. One- and two-family dwellings.

INTERNATIONAL FUEL GAS CODE, 2024 EDITION, ADOPTED BY REFERENCE

The International Fuel Gas Code (IFC), 2024 Edition, including APPENDIX A — SIZING AND CAPACITIES OF GAS PIPING, APPENDIX B — SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS, **AND APPENDIX D C** — RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION, and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 SCOPE AND ADMINISTRATION is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

301.11 FLOOD HAZARD is hereby deleted in its entirety. See article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 303.2 HAZARDOUS LOCATIONS is hereby amended to read as follows:

303.2 Hazardous locations. Unless adequate means of removal of unburned gases is provided, liquefied petroleum gas piping shall not serve any gas-fired appliance or equipment in a pit or basement where heavier-than-air gas may collect to form a flammable mixture.

SECTION 404.12 MINIMUM BURIAL DEPTH is hereby deleted in its entirety and revised to read as follows:

404.12 Minimum burial depth. Underground piping systems shall be installed a minimum depth of 18 inches (457 mm) below grade. Underground ferrous gas piping shall be electrically isolated from the rest of the gas system with listed or approved isolation fittings (dialectic union) installed a minimum of 6 inches (152 mm) above grade. All nonmetallic piping shall be installed with a yellow 18 AWG tracer wire terminating 12 inches (305 mm) above grade at each end.

SECTION 404.12.1 is deleted in its entirety.

SECTION 409.1.3 ACCESS TO SHUTOFF VALVES is hereby amended to read as follows:

409.1.3 Access to shutoff valves. Shutoff valves shall be located in places so as to provide access for operation and shall be installed so as to be protected from damage. All buildings shall be provided with a shutoff valve located at the building on the downstream side of the gas meter.

INTERNATIONAL MECHANICAL CODE, 2024 EDITION, ADOPTED BY REFERENCE

The International Mechanical Code (IMC), 2024 Edition, including APPENDIX A — CHIMNEY CONNECTOR PASS-THROUGHS and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 SCOPE AND ADMINISTRATION is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 301.2 ENERGY UTILIZATION is hereby amended to read as follows:

SECTION 301.2 ENERGY UTILIZATION. Heating, ventilating and air-conditioning systems of all structures shall be designed and installed for efficient utilization of energy in accordance with the 2018 International Energy Conservation Code.

SECTION 301.16 FLOOD HAZARD is hereby deleted in its entirety. See article 7-2-103.12.1 of the Town Administrative Building Code.

303.2 HAZARDOUS LOCATIONS is hereby amended to read as follows:

303.2 HAZARDOUS LOCATIONS. Unless adequate means of removal of unburned gases is provided, liquefied petroleum gas piping shall not serve any gas-fired appliance or equipment located in a pit or basement where heavier-than-air gas might collect to form a flammable mixture.

303.7 PIT LOCATIONS is hereby amended to read as follows:

303.7 PIT LOCATIONS. Appliances installed in pits or excavations shall not come in direct contact with the surrounding soil and shall be installed not less than 3 inches (76 mm) above the pit floor. The sides of the pit or excavation shall be held back not less than 12 inches (305 mm) from the appliance. Where the depth exceeds 12 inches (305 mm) below adjoining grade, the walls of the pit or excavation shall be lined with concrete or masonry. Such concrete or masonry shall extend not less than 4 inches (102 mm) above adjoining grade and shall have sufficient lateral load-bearing capacity to resist collapse. Excavation on the control side of the appliance shall extend not less than 30 inches (762 mm) horizontally. The appliance shall be protected from flooding in an approved manner. Liquefied petroleum gas piping must comply with the provisions of Section 303.2 of this code.

506.3.2.5 GREASE DUCT TEST is hereby deleted in its entirety and revised to read as follows:

506.3.2.5 GREASE DUCT TEST. A field test shall be performed by a qualified third-party entity prior to the use or concealment of any portion of a grease duct system. Grease ducts shall be considered to be concealed where installed in shafts or covered by coatings or wraps that prevent the grease ducts from being visually inspected on all sides. The permit holder shall be

responsible to provide the necessary equipment and perform the grease duct leakage test. A light test shall be performed to determine that all welded and brazed joints are liquid tight.

A test shall be performed for the entire grease duct system, including the hood-to-duct connection. The grease duct system shall be permitted to be tested in sections, provided that every joint is tested. For listed factory-built grease ducts, this test shall be limited to duct joints assembled in the field and shall exclude factory welds. The test shall be performed in accordance with either Section 506.3.2.5.1, 506.3.2.5.2, or 506.3.2.5.3. Test reports shall be submitted to the building official.

506.3.2.5.3 POSITIVE PRESSURE SMOKE TEST is hereby added as a new subsection, to read as follows:

506.3.2.5.3 POSITIVE PRESSURE SMOKE TEST. A duct test shall be performed by sealing the entire duct system from the hood exhaust opening(s) to the duct termination. Thick penetrating smoke shall be produced by one or more smoke machines or smoke bombs and introduced into the duct system. The sealed duct shall then be pressurized to a minimum pressure of 1.0-inch water column, but shall not exceed the positive pressure capability of the system and components under test. If the test shows any evidence of leakage or other defects, such defects shall be corrected, and the test shall be repeated until there is no visible smoke observed. Materials or chemicals used for smoke testing should not be corrosive to the duct. Smoke generating equipment containing chlorine or chlorinated chemicals must not be used.

506.3.11 GREASE DUCT ENCLOSURES is hereby amended by addition of the last sentence prior to the exception to read as follows:

506.3.11 GREASE DUCT ENCLOSURES. A commercial kitchen grease duct serving a Type I hood that penetrates a ceiling, wall, floor or any concealed space shall be enclosed from the point of penetration to the outlet terminal. In-line exhaust fans not located outdoors shall be enclosed as required for grease ducts. A grease duct shall penetrate exterior walls only at locations where unprotected openings are permitted by the International Building Code. The grease duct enclosure shall serve a single grease duct and shall not contain other ducts, piping or wiring systems. Grease duct enclosures shall be a shaft enclosure in accordance with Section 506.3.11.1, a field-applied enclosure assembly in accordance with Section 506.3.11.2 or a factory-built grease duct enclosure assembly in accordance with Section 506.3.11.3. Grease duct enclosures shall have a fire-resistance rating of not less than that of the assembly penetrated and not less than 1 hour. Fire dampers and smoke dampers shall not be installed in grease ducts. Grease duct enclosures shall be inspected by a qualified third-party entity. Inspection reports shall be submitted to the building official.

Exception: A grease duct enclosure shall not be required for a grease duct that penetrates only a non-fire-resistance-rated roof/ceiling assembly.

507.1.7 PERFORMANCE TEST is hereby added due to an ICC error in which they were omitted from the printed versions of the code, to read as follows:

507.1.7 PERFORMANCE TEST. A performance test shall be conducted upon completion and before final approval of the installation of a ventilation system serving commercial cooking appliances. The test shall verify the rate of exhaust airflow required by Section 507.2.10 or 507.3.4, makeup airflow required by Section 508 and proper operation as specified in this chapter. The permit holder shall furnish the necessary test equipment and devices required to perform the tests.

507.1.7.1 CAPTURE AND CONTAINMENT TEST is hereby added due to an ICC error in which they were omitted from the printed versions of the code, to read as follows:

507.1.7.1 CAPTURE AND CONTAINMENT TEST. The permit holder shall verify capture and containment performance of the exhaust system. This field test shall be conducted with all appliances under the hood at operating temperatures, with all sources of outdoor air providing makeup air for the hood operating and with all sources of recirculated air providing conditioning for the space in which the hood is located operating. Capture and containment shall be verified visually by observing smoke or steam produced by actual or simulated cooking, such as that provided by smoke generators.

602.4 FLOOD HAZARD is hereby deleted in its entirety. See article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 607 DUCT AND TRANSFER OPENINGS

[BF] 607.3.3 DAMPER ACTUATION is hereby amended and revised to read as follows:

[BF] 607.3.3 DAMPER ACTUATION.

Damper actuation shall be in accordance with Sections 607.3.3.1 through 607.3.3.5 as applicable and shall be tested by a qualified third-party entity. Testing reports shall be submitted to the building official.

608.1 BALANCING is hereby amended and revised to read as follows:

608.1 BALANCING.

Air distribution, ventilation and exhaust systems shall be provided with means to adjust the system to achieve the design airflow rates and shall be balanced by an approved method. Ventilation air distribution shall be balanced by an approved method and such balancing shall verify that the air distribution system is capable of supplying and exhausting the airflow rates required by Chapter 4. All testing shall be conducted by a qualified third-party entity and reports shall be submitted to the engineer of record for review and approval. The engineer of record shall approve and submit the final inspection reports to the building official.

1011.1 TESTS is hereby amended and revised to read as follows:

1011.1 TESTS. Upon completion of the assembly and installation of boilers and pressure vessels, acceptance tests shall be conducted by a qualified third-party entity in accordance with the requirements of the ASME Boiler and Pressure Vessel Code or the manufacturer's requirements, and such tests shall be approved. A copy of all test documents along with all manufacturer's data reports required by the ASME Boiler and Pressure Vessel Code shall be submitted to the code official.

801.7.1 SPARK ARRESTOR is hereby added as a new section, to read as follows:

801.7.1 SPARK ARRESTOR. A UL-listed spark arrestor must be installed on all solid fuel appliance flues.

805.3.1 SPARK ARRESTOR is hereby added as a new section, to read as follows:

805.3.1 SPARK ARRESTOR. A UL-listed spark arrestor must be installed on all solid fuel factory-built chimneys.

903.1.1 SPARK ARRESTOR is hereby added as a new section, to read as follows:

903.1.1 SPARK ARRESTOR. A UL-listed spark arrestor must be installed on all solid fuel factory-built chimneys.

905.2 CONNECTION TO FIREPLACE is hereby amended and revised to read as follows:

905.2 CONNECTION TO FIREPLACE. The connection of solid fuel appliances to chimney flues serving fireplaces shall comply with Sections 801.7, 801.7.1, and 801.10.

1001.1 SCOPE is hereby amended and revised to read as follows:

1001.1 SCOPE. This chapter shall govern the installation, alteration and repair of boilers, water heaters and pressure vessels unless installation is regulated by other agencies having jurisdiction.

Exceptions:

1. Pressure vessels used for unheated water supply.
2. Portable unfired pressure vessels and Interstate Commerce Commission containers.
3. Containers for bulk oxygen and medical gas.
4. Unfired pressure vessels having a volume of 5 cubic feet (0.14 m³) or less operating at pressures not exceeding 250 pounds per square inch (psi) (1724 kPa) and located within occupancies of Groups B, F, H, M, R, S and U.
5. Pressure vessels used in refrigeration systems that are regulated by Chapter 11 of this code.

6. Pressure tanks used in conjunction with coaxial cables, telephone cables, power cables and other similar humidity control systems.
7. Any boiler or pressure vessel subject to inspection by federal or state inspectors.
8. Pressure vessels used in specific appliances and equipment that are regulated by Chapter 9 of this code.

1011.1 TESTS is hereby amended and revised to read as follows:

1011.1 TESTS. Upon completion of the assembly and installation of boilers and pressure vessels, acceptance tests shall be conducted by a qualified third-party entity or other jurisdictions having authority in accordance with the requirements of the ASME Boiler and Pressure Vessel Code or the manufacturer's requirements, and such tests shall be approved. A copy of all test documents along with all manufacturer's data reports required by the ASME Boiler and Pressure Vessel Code shall be submitted to the code official.

SECTION 1206.9.1 FLOOD HAZARD is hereby amended as follows:

SECTION 1206.9.1 FLOOD HAZARD. Piping located in a flood hazard area as designated by the Yavapai County Flood Control District (see Article 7-2-103.12.1 of the Town Administrative Building Code) shall be capable of resisting hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding to the design flood elevation.

1301.5 TANKS ABANDONED OR REMOVED is hereby amended and revised to read as follows:

1301.5 TANKS ABANDONED OR REMOVED. All exterior above-grade fill piping shall be removed when tanks are abandoned or removed. Tank abandonment and removal shall be in accordance with Section 5704.2.13 of the International Fire Code and/or other agencies having authority.

1305.2.1 FLOOD HAZARD is hereby amended and revised to read as follows:

1305.2.1 FLOOD HAZARD. Fuel oil pipe, equipment and appliances located in flood hazard areas as designated by the Yavapai County Flood Control District (see Article 7-2-103.12.1 of the Town Administrative Building Code) shall be located above the elevation required by Section 1612 of the International Building Code for utilities and attendant equipment or shall be capable of resisting hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding up to such elevation.

INTERNATIONAL PLUMBING CODE, 2024 EDITION, ADOPTED BY REFERENCE

The International Plumbing Code (IPC), 2024 Edition, including APPENDIX C — STRUCTURAL SAFETY, and Appendix E — Sizing of Water Piping Systems, and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 SCOPE AND ADMINISTRATION is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 305.4.1 SEWER DEPTH is hereby amended to read as follows:

305.4.1. Sewer depth. Building sewers that connect to private sewage disposal systems shall be a minimum of 12 inches (305 mm) below finished grade at the point of septic tank connection. All non-metallic building sewers shall be installed with a green ~~18~~ 12 AWG green tracer wire terminating 12 inches (305 mm) above grade at each end.

306.2.4: TRACER WIRE is hereby amended and revised to read as follows:

306.2.4 TRACER WIRE. For plastic sewer and water piping, an insulated copper tracer wire or other approved conductor shall be installed adjacent to and over the full length of the piping. The tracer wire water piping shall terminate above grade on each end. For sewer, tracer wire shall terminate at the cleanout between the building drain and building sewer. The tracer wire size shall be not less than 12 American Wire Gauge (2.5 mm²), green for sewer and blue for water, and the insulation type shall be listed for direct burial.

SECTION 309: FLOOD HAZARD RESISTANCE

309.1 GENERAL is hereby amended and revised to read as follows:

309.1 GENERAL. Plumbing systems and equipment in structures erected in flood hazard areas as designated by the Yavapai County Flood Control District shall be constructed in accordance with the requirements of this section and the Yavapai County Flood Control District.

[BS] 309.2: FLOOD HAZARD is hereby amended and revised to read as follows:

[BS] 309.2: FLOOD HAZARD.

For structures located in flood hazard areas as designated by the Yavapai County Flood Control District, the following systems and equipment shall be located and installed as required by the Yavapai County Flood Control District.

1. Water service pipes.

2. Pump seals in individual water supply systems where the pump is located below the design flood elevation.
3. Covers on potable water wells shall be sealed, except where the top of the casing well or pipe sleeve is elevated to not less than 1 foot (305 mm) above the design flood elevation.
4. Sanitary drainage piping.
5. Storm drainage piping.
6. Manhole covers shall be sealed, except where elevated to or above the design flood elevation.
7. Other plumbing fixtures, faucets, fixture fittings, piping systems and equipment.
8. Water heaters.
9. Vents and vent systems.

312.3 DRAINAGE AND VENT AIR TEST is hereby amended and revised to read as follows:

312.3 DRAINAGE AND VENT AIR TEST. An air test shall be made by forcing air into the system until there is a uniform gauge pressure of 5 psi (34.5 kPa) or sufficient to balance a 10-inch (254 mm) column of mercury. This pressure shall be held for a test period of not less than 15 minutes. Any adjustments to the test pressure required because of changes in ambient temperatures or the seating of gaskets shall be made prior to the beginning of the test period.

316.1.4 CONSTRUCTION DOCUMENTS is hereby amended and revised to read as follows:

316.1.4 CONSTRUCTION DOCUMENTS. The registered design professional shall submit to the code official signed and sealed construction documents for the alternative engineered design in PDF format with a minimum size of 18x24 inches and a maximum size of 36x48 inches. The construction documents shall include floor plans and a riser diagram of the work. Where appropriate, the construction documents shall indicate the direction of flow, all pipe sizes, grade of horizontal piping, loading and location of fixtures and appliances.

TABLE 403.1 MINIMUM NUMBER OF FIXTURES is hereby amended to read as follows:

- a. The fixtures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated. The number of occupants shall be determined by the International Building Code.
- b. Toilet facilities for employees shall be separate from facilities for inmates or care recipients.
- c. A single-occupant toilet room with one water closet and one lavatory serving not more than two adjacent **care recipient** sleeping units shall be permitted where such room is provided with direct access from each **care recipient** sleeping unit and with provisions for privacy.

- d. The occupant load for seasonal outdoor seating and entertainment areas shall be included when determining the minimum number of facilities required.
- e. The minimum number of required drinking fountains shall comply with Table 403.1 and Chapter 11 of the International Building Code.
- f. Drinking fountains are not required for an occupant load of twenty-five (25) or fewer.
- g. For business and mercantile occupancies with an occupant load of twenty-five (25) or fewer, service sinks shall not be required.
- h. Water coolers or bottle water dispensers may be substituted for drinking fountains in A, B and M occupancies with twenty-five (25) or fewer occupants.

410.4 SUBSTITUTION is hereby amended and revised to read as follows:

410.4 SUBSTITUTION. Where restaurants provide drinking water in a container free of charge, drinking fountains shall not be required in those restaurants. In other occupancies where three or more drinking fountains are required, water dispensers shall be permitted to be substituted for not more than 50 percent of the required number of drinking fountains. Water coolers or bottled water dispensers may be substituted for drinking fountains in B, M, and S occupancies with twenty-five (25) or fewer occupants, and such water shall be free of charge to the public.

SECTION 504.6 REQUIREMENTS FOR DISCHARGE PIPING is hereby amended by revision of # 10 to read as follows:

504.6 Requirements for discharge piping. The discharge of piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

1. Not be directly connected to the drainage system.
2. Discharge through an air gap located in the same room as the water heater.
3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap.
4. Serve a single relief device and shall not connect to piping serving any other relief device or equipment.
5. Discharge to the floor, to an indirect waste receptor or to the outdoors. Where discharging to the outdoors, discharging piping shall be no less than 6 inches (152 mm) and no greater than 24 inches (610 mm) from grade.
6. Discharge in a manner that does not cause personal injury or structural damage.
7. Discharge to a termination point that is readily observable by the building occupants.
8. Not be trapped.
9. Be installed so as to flow by gravity.

10. **Terminate not** more than 6 inches (152 mm) **and not less than two times the discharge pipe diameter** above the floor, waste receptor **flood level rim, or finished outside grade.**

11. Not have a threaded connection at the end of such piping.

12. Not have valves or tee fittings.

13. Be constructed of those materials listed in Section 605.4 or materials tested, rated and approved for such use in accordance with ASME A112.4.1.

14. Be one nominal size larger than the size of the relief valve outlet, where the relief valve discharge piping is installed with insert fittings. The outlet end of such tubing shall be fastened in place.

TABLE 604.4 MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURES AND FIXTURE FITTINGS is hereby amended to read as follows:

PLUMBING FIXTURE OR FIXTURE FITTING

MAXIMUM FLOW RATE OR QUANTITY

- Lavatory, public (metering)
 - o 0.25 gallon per metering cycle
- Urinal
 - o Pint per flushing cycle
- Water closet
 - o 1.6 gallons per flushing cycle

607.2.1 COMMERCIAL ENERGY PROVISIONS is hereby deleted in its entirety.

607.2.2 CIRCULATION SYSTEMS AND HEAT TRACE SYSTEMS FOR MAINTAINING HEATED WATER TEMPERATURE IN DISTRIBUTION SYSTEMS is hereby amended and revised to read as follows:

607.2.2 CIRCULATION SYSTEMS AND HEAT TRACE SYSTEMS FOR MAINTAINING HEATED WATER TEMPERATURE IN DISTRIBUTION SYSTEMS. For Group R2, R3 and R4 occupancies that are three stories or less in height above grade plane, the installation of heated water circulation and temperature maintenance systems shall be in accordance with Section R403.5.1 of the 2018 International Energy Conservation Code as amended and adopted. For other than Group R2, R3 and R4 occupancies that are three stories or less in height above grade plane, the installation of heated water circulation and heat trace systems shall be in accordance with Section C404.6 of the 2018 International Energy Conservation Code as amended and adopted.

[E] 607.5: INSULATION OF PIPING is hereby amended and revised to read as follows:

[E] 607.5: INSULATION OF PIPING. For other than Group R2, R3 and R4 occupancies that are three stories or less in height above grade plane, piping to the inlet of a water heater and piping conveying water heated by a water heater shall be insulated in accordance with Section C404.4 of the 2018 International Energy Conservation Code as amended and adopted. For Group R2, R3 and R4 occupancies that are three stories or less in height above grade plane, piping to the inlet of a water heater and piping conveying water heated by a water heater shall be insulated in accordance with Section R403.5.2 of the 2018 International Energy Conservation Code as amended and adopted.

701.2: CONNECTION TO SEWER REQUIRED is hereby amended and revised to read as follows:

701.2: CONNECTION TO SEWER REQUIRED. Sanitary drainage piping from plumbing fixtures in buildings and sanitary drainage piping systems from premises shall be connected to a public sewer. Where a public sewer is not available, the sanitary drainage piping and systems shall be connected to a private sewage disposal system in compliance with state or local requirements. Where state or local requirements do not exist for private sewage disposal systems, the sanitary drainage piping and systems shall be connected to an approved private sewage disposal system that is in accordance with the International Private Sewage Disposal Code.

Exceptions:

1. Sanitary drainage piping and systems that convey only the discharge from bathtubs, showers, lavatories, clothes washers and laundry trays shall not be required to connect to a public sewer or to a private sewage disposal system provided that the piping or systems are connected to a system in accordance with Chapter 13 and as regulated by Yavapai County Environmental Services and ARS §18-9.
2. Manufactured composting toilets included on the Arizona Department of Environmental Quality Listing of Proprietary Products (latest version) used to receive liquid wastes or sewage are not required to be connected to the sanitary drainage system but are required to be a component in an onsite wastewater system, when approved by Yavapai County Environmental Services.

701.4 SEWAGE TREATMENT is hereby amended and revised to read as follows:

701.4 SEWAGE TREATMENT. Sewage or other waste from a plumbing system that is deleterious to surface or subsurface waters shall not be discharged into the ground or into any waterway unless it has first been rendered innocuous through subjection to an approved form of treatment as regulated by other agencies having authority.

704.4 FUTURE FIXTURES is hereby amended and revised to read as follows:

704.4 FUTURE FIXTURES. Drainage piping for future fixtures, as approved by the building official and other agencies having authority, shall terminate with an approved cap or plug.

SECTION 714.1 SEWAGE BACKFLOW is hereby amended to read as follows:

714.1 Sanitary drainage, backflow valves, sewage backflow. An approved backwater valve shall protect all structures connected to a public sewer system.

716.7 POST-INSTALLATION INSPECTION is hereby amended and revised to read as follows:

716.7 POST-INSTALLATION INSPECTION. The completed replacement piping section shall be inspected internally by a recorded video camera survey. The video survey shall be reviewed and approved by a qualified third-party entity and submitted to the building official prior to pressure testing of the replacement piping system.

717.4 PERMITTING is hereby amended and revised to read as follows:

717.4 PERMITTING. Prior to permit issuance, the preinstallation recorded video camera survey, conducted and approved by a qualified third-party entity to determine if the piping system is able to be relined in accordance with the proposed lining system manufacturer's installation

717.8: POST-INSTALLATION RECORDED VIDEO CAMERA SURVEY is hereby amended and revised to read as follows:

717.8: POST-INSTALLATION RECORDED VIDEO CAMERA SURVEY. The completed, relined piping system shall be inspected internally by a recorded video camera survey after the system has been flushed and flow-tested with water. The video survey shall be reviewed, evaluated, and approved by a qualified third-party entity to provide verification that no defects exist. Any defects identified shall be repaired and replaced in accordance with this code. The video survey shall be submitted to the code official prior to finalization of the permit.

803.1 NEUTRALIZING DEVICE REQUIRED FOR CORROSIVE WASTES is hereby amended and revised to read as follows:

803.1 NEUTRALIZING DEVICE REQUIRED FOR CORROSIVE WASTES. Corrosive liquids, spent acids, or other harmful chemicals that destroy or injure a drain, sewer, soil or waste pipe, or create noxious or toxic fumes or interfere with sewage treatment processes shall not be discharged into the plumbing system without being thoroughly diluted, neutralized or treated by passing through an approved dilution or neutralizing device. Such devices shall be automatically provided with a sufficient supply of diluting water or neutralizing medium so as to make the contents non-injurious before discharge into the drainage system. The nature of the corrosive or harmful waste and the method of its treatment or dilution shall be approved by agencies having authority prior to installation.

SECTION 903.1.1 ROOF EXTENSION UNPROTECTED is hereby amended to read as follows:

903.1.1 Roof extension unprotected. Open vent pipes that extend through a roof shall be terminated not less than 6 inches (152.4 mm) above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall terminate no less than 7 feet (2134 mm) above the roof.

NATIONAL ELECTRICAL CODE, 2023 EDITION, ADOPTED BY REFERENCE

The National Electrical Code (NEC), 2023 Edition, and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

SECTION 90.4 ENFORCEMENT is hereby amended to read as follows:

90.4 Enforcement. This Code is intended to be suitable for mandatory application by governmental bodies that exercise legal jurisdiction over electrical installations, including signaling and communications systems, and for use by insurance inspectors. The authority having jurisdiction for enforcement of the Code has the responsibility for making interpretations of the rules, for deciding on the approval of equipment and materials, and for granting the special permission contemplated in a number of the rules.

By special permission, the authority having jurisdiction may waive specific requirements in this Code or permit alternative methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.

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

For the purpose of administration and enforcement of the requirements of this code and amendments thereto, the provisions of the Town of Camp Verde Administrative Building Code as adopted and as may be amended from time to time, shall apply.

SECTION 210.8 GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL (A) DWELLING UNITS is hereby amended to read as follows:

210.8 Ground-Fault Circuit-Interrupter Protection for Personnel. A listed Class A GFCI shall provide protection in accordance with 210.8(A) through ~~(E)~~ (F). The GFCI shall be installed in a readily accessible location.

Informational Note: See 215.9 for GFCI protection for personnel on feeders.

(A) Dwelling Units. All 125-volt through 250-volt receptacles installed in the following locations and supplied by single phase branch circuits rated 150 volts or less as specified in 210.8(A) (1) through (12) shall have ground-fault circuit-interrupter protection for personnel.

(1) Bathrooms

(2) Garages, and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use.

Exception to (2): For garages and non-habitable accessory buildings, a dedicated 15 to 20-amp Simplex receptacle serving a refrigerator or freezer is not required to be GFCI protected.

(3) Outdoors

Exception to (3): Receptacles that are not readily accessible and are supplied by a branch circuit dedicated to electric snow-melting, deicing, or pipeline and vessel heating equipment shall be permitted to be installed in accordance with 426.28 or 427.22, as applicable.

(4) Crawl spaces — at or below grade level

(5) Basements

(6) Kitchens

Exception to (6): A dedicated 15 to 20-amp Simplex receptacle serving a refrigerator or freezer is not required to be GFCI protected.

(7) Areas with sinks and permanent provisions for food preparation, beverage preparation, or cooking.

(8) Sinks —where receptacles are installed within 1.8 m (6 ft) of the outside edge of the bowl of the sink.

(9) Boathouses

(10) Bathtubs or shower stalls – where receptacles are installed within 1.8 m (6 ft) of the outside edge of the bathtub or shower stall

(11) Laundry areas

(12) Indoor damp and wet locations

Exception No. 1: Receptacles that are not readily accessible and are supplied by a branch circuit dedicated to electric snow-melting, deicing or pipeline and vessel heating equipment shall be permitted to be installed in accordance with 426.28 or 427.22, as applicable.

Exception No. 2: A receptacle supplying only a permanently installed premises security system shall be permitted to omit ground-fault circuit interrupter protection.

Exception No. 3: Listed weight-supporting ceiling receptacles (WSCR) utilized in combination with compatible weight supporting attachment fittings (WSAF) installed for the purpose of supporting a ceiling luminaire or ceiling-suspended fan shall be permitted to omit ground-fault circuit-

interrupter protection. If a general-purpose convenience receptacle is integral to the ceiling luminaire or ceiling-suspended fan, GFCI protection shall be provided.

Exception No. 4: *Factory-installed receptacles that are not readily accessible and are mounted internally to bathroom exhaust fan assemblies shall not require GFCI protection unless required by the installation instructions or listing.*

Informational Note: See 760.41(B) and 760.121(B) for power supply requirements for fire alarm systems.

ARTICLE 210.52(C)(2) ISLAND AND PENINSULAR COUNTERTOPS AND WORK SURFACES is hereby amended and revised to read as follows:

ARTICLE 210.52(C)(2) ISLAND AND PENINSULAR COUNTERTOPS AND WORK SURFACES. Not less than one receptacle outlet shall be installed to serve an island or peninsular countertop or work surface in accordance with Article 210.52(C)(3).

ARTICLE 210.52.(C)(3) RECEPTACLE OUTLET LOCATION is hereby amended and revised to read as follows:

ARTICLE 210.52.(C)(3) RECEPTACLE OUTLET LOCATION. Receptacle outlets shall be located in one or more of the following:

1. On or above, but not more than 500 mm (20 in.) above, a countertop or work surface.
2. In a countertop using receptacle outlet assemblies listed for use in countertops.
3. In a work surface using receptacle outlet assemblies listed for use in work surfaces or listed for use in countertops
4. Receptacle outlets located below the countertop of an island or peninsula shall only be installed where the countertop overhang is no more than one and a half inches (1 ½") and is located within twelve (12") inches of the top of the work surface.

Receptacle outlets rendered not readily accessible by appliances fastened in place, appliance garages, sinks or rangetops as covered in 210.52(C)(1), Exception No. 1, or appliances occupying assigned spaces shall not be considered as these required outlets.

ARTICLE 230 is amended by adding the following section:

Section 230(A) (1) is hereby amended to read as follows:

(A) Location. The service disconnecting means shall be installed in accordance with **230.70(a)(1), (a)(2) and (a)(3)**.

(1) The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure, or inside nearest the point of entrance of the service-

entrance conductors. The service disconnecting means located inside a building shall be enclosed within a room or space separated from the rest of the building by not less than a one-hour fire-resistive occupancy separation.

ARTICLE 312.5 (3) CABLES is hereby amended with the addition of Exception No. 3, to read as follows:

Exception No. 3: Cables with entirely nonmetallic sheaths shall be permitted to enter the back of a surface-mounted main service entrance enclosure through one or more sections, provided that each section consists of an approved male fitting with a locknut and bushings, and the wires are properly secured within 8 inches of entering the section. The total amount of wires shall not exceed the allowable fill as appropriate for the conduit size.

Section 358.12 is hereby amended by adding a new item number (3).

(3). Where in direct contact with the soil.

ARTICLE 710.2 ENGINEERED DESIGN is hereby added as a new section, to read as follows:

ARTICLE 710.2 ENGINEERED DESIGN. All stand-alone electrical systems shall be designed and sealed by an Arizona-registered electrical engineer.

ARTICLE 710.15 GENERAL is hereby amended by addition of an exception, and revised to read as follows:

710.15 GENERAL. Premises wiring systems shall be adequate to meet the requirements of this Code for similar installations supplied by a feeder or service. The wiring on the supply side of the building or structure disconnecting means shall comply with the requirements of this Code, except as modified by 710.15 (A) through (G).

Exception: Stand-alone electrical systems serving residential one- and two-family dwellings must comply with Sections E3602 and E3704 of the 2024 International Residential Code, as amended and adopted.

INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS (IRC), 2024 EDITION, ADOPTED BY REFERENCE

The International Residential Code For One- And Two-Family Dwellings (IRC), 2024 Edition, including Appendix BB - Tiny Houses, Appendix BD – Home Day Care Occupancy, Appendix BF – Patio Covers, Appendix BJ – Strawbale Construction, Appendix BM – 3D Printed Building Construction, Appendix CA — Sizing and Capacities of Gas Piping, Appendix CB — Sizing of Venting Systems Serving Appliances Equipped With Draft Hoods, Category 1 Appliances and Appliances listed with use with Type B Vents, Appendix CD — Piping

Standards for Various Applications, Appendix **CE** — Venting Methods, **and** Appendix **CF** — Sizing of Water Piping Systems.

CHAPTER 1 ADMINISTRATION is deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION R301.1.4 INTERMODAL SHIPPING CONTAINERS, is hereby deleted and amended as follows:

R301.1.4 Intermodal shipping containers. *Intermodal shipping containers* that are repurposed for use as *buildings* or structures shall be designed and engineered by a registered design professional licensed in the State of Arizona. Such designs must comply with the structural provisions outlined in Section 3114 of the *International Building Code (IBC)*.

This section applies exclusively to intermodal shipping containers that are repurposed and fully modified *on the site* where they will be permanently placed.

Intermodal shipping containers that are repurposed for use as buildings or structures and are *fully or partially modified off-site* are classified as factory-built buildings and are subject to the regulations established by the Arizona Department of Housing.

To obtain a permit to place the structure within the Town of Camp Verde, such structures must have approved construction plans stamped by the Arizona Department of Housing.

TABLE R301.2 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA is hereby amended to read as follows:

- Ground snow load 20lb
- Wind speed **105**, **Exposure C**
- Seismic design category C
- Weathering moderate
- Frost line depth 12 inches
- Termite moderate to heavy
- Winter design temperature 20
- Ice barrier no
- Flood hazard see Yavapai County **Flood Control**
- Mean annual temperature 53

SECTION R301.2.2 SEISMIC PROVISIONS is hereby amended as follows:

R301.2.2 Seismic Provisions. Buildings within the scope of this code as defined in article 7-2-101.4.9.1 of the Town Administrative Building Code (Exceptions – Residential Structures for Commercial Use) shall be constructed in accordance with the requirements of this section and other seismic requirements of this code. The seismic provisions of this code shall apply as follows:

1. Townhouses and buildings as permitted by exceptions to article 7-2-101.4.9.1 of the Town Administrative Building Code containing three or more dwelling units in Seismic Design Categories C, D₀, D₁ and D₂.

SECTION R301.2.2.1 Determination of seismic design category is hereby deleted in its entirety and amended to read as follows:

R301.2.2.1 Determination of seismic design category. Buildings shall be designed to the requirements for a seismic design category C.

R301.2.4: Floodplain construction is hereby deleted in its entirety. Refer to article 7-2-103.12.1 of the Town Administrative Building Code.

TABLE R301.5 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (IN POUNDS PER SQUARE FOOT) is hereby amended to read as follows (no changes were made to the footnotes):

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

USE	UNIFORM LOAD (psf)	CONCENTRATED LOAD (lb)
Uninhabitable attics without storage ^b	10	—
Uninhabitable attics with limited storage ^{b, g}	40	—
Habitable attics and attics served with fixed stairs	40	—
Balconies (exterior) and decks ^e	40	—
Fire escapes	40	—
Guards	—	200 ^{h, i}
Guard in-fill components ^f	—	50 ^h
Handrail ^d	—	200 ^h
Passenger vehicle garages	50	2,000 ^a
Areas other than sleeping areas	40	—
Sleeping areas	40	—
Stairs	40 ^c	300 ^c

TABLE R302.6 DWELLING UNIT GARAGE SEPARATION is hereby amended to read as follows:

SEPARATION	MATERIAL
From the dwelling unit and attics	Not less than 5/8-inch Type X gypsum board or equivalent applied to the garage side
From portions of the dwelling unit above the garage	Not less than 5/8-inch Type X gypsum board or equivalent
Structure(s) supporting floor/ceiling assemblies used for separation required by this section	Not less than 5/8-inch Type X gypsum board or equivalent
Garages located less than 3 feet from a dwelling unit on the same lot	Not less than 5/8-inch Type X gypsum board or equivalent applied to the interior side of exterior walls that are within this area

Section 302.7 Under Stair Protection is amended to read as follows.

Enclosed space under stairs that is accessed by a door or access panel shall have walls, under-stair surface and any soffits protected on the enclosed side with 5/8s (15.875mm) type X gypsum board.

SECTION R302.14 Combustible insulation clearance is hereby amended and revised to read as follows:

R302.14 Combustible insulation clearance. Combustible insulation shall be separated not less than 3 inches (76 mm) from recessed luminaires, fan motors and other heat-producing devices.

Exception: Where heat-producing devices are listed for lesser clearances, combustible insulation complying with the listing requirements shall be separated in accordance with the conditions stipulated in the listing.

Recessed luminaires installed in the building thermal envelope shall meet the requirements of the 2018 IECC Section R402.4.5.

SECTION R308 SITE ADDRESS is hereby amended to read as follows:

SECTION R308.1 Address Identification. Buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 6 inches (102 mm) in height with a stroke width of not less than 0.5 inch (12.7 mm). Where required by the fire code official or fire district having authority, address identification shall be provided in larger numbers and/or in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from

the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

SECTION R309.2 ONE- AND TWO-FAMILY DWELLINGS AUTOMATIC FIRE SYSTEMS is hereby amended to read as follows:

R309.2 One- and two-family dwellings automatic fire systems. An automatic residential fire sprinkler system shall be installed in one- and two-family dwellings when either of the two conditions listed below exist.

1. When such buildings have more than 5,000 square feet of livable area.
2. When operational procedures include provisions that more than one person not capable of self-preservation, that is unrelated to the person in control of the property may occupy a residential unit for more than ten consecutive days.

Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential sprinkler system.

SECTION R315.5.2.1 WIDTH is hereby amended to read as follows:

R315.2.1 WIDTH. Stairways providing egress from a sleeping loft shall not be less than 26 inches in clear width at, above or below the handrail.

SECTION R315.5.3 LADDERS has hereby been deleted in its entirety.

SECTION R317 – GARAGES AND CARPORTS

SECTION R317.5 FIRE SPRINKLERS is hereby amended to read as follows:

R317.5 Fire sprinklers. In homes with livable space greater than 5,000 square feet private garages shall be protected by fire sprinklers where the garage wall has been designed based on Table R302.1 (2), Footnote a. Sprinklers in garages shall be connected to an automatic sprinkler system that complies with Section P2904. Garage sprinklers shall be residential sprinklers or quick-response sprinklers, designed to provide a density of 0.05 gpm/ft². Garage doors shall not be considered obstructions with respect to sprinkler placement.

Section R318.7.12 Alternating tread devices is hereby amended by deleting the exception.

Section R318.7.13 Ships ladders is hereby amended by deleting the exception.

SECTION R319.1 EMERGENCY ESCAPE AND RESCUE REQUIRED is hereby amended to read as follows:

R319.1 Emergency escape and rescue required. Basements, habitable attics, the room to which a sleeping loft is open, and every sleeping room shall have at least one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room. Where emergency escape and rescue openings are provided, they shall have a sill height of not more than 44 inches (1118 mm) measured from the finished floor to the bottom of the sill. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R319.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R319.2. Emergency escape and rescue openings shall open directly into a public way, or to a yard or court that opens to a public way.

Section R321.1.3 Guard opening limitations. The following sentence is added to the first paragraph.

Required guards shall not be constructed with horizontal rails or another ornamental pattern that results in a ladder effect.

SECTION R322.1 SCOPE is hereby amended to read as follows:

R322.1 Scope. Where disabled, unrelated persons occupy a residential unit, the building and bedroom entry, main level living area and at least one bathroom to be used by such persons shall comply with the provisions of Chapter 11 of the International Building code. Where there are four or more dwelling units or sleeping units in a single structure, the provisions of Chapter 11 of the International Building Code for Group R-3 shall apply.

SECTION R323 ELEVATORS AND PLATFORM LIFTS is hereby deleted in its entirety and rewritten to read as follows:

R323.1 Elevators. Where provided, passenger elevators, limited-use and limited-application elevators or private residence elevators shall comply with ASME A17.1/CSA B44, and be inspected and approved by all other agencies having jurisdiction.

R323.1.1 Private residence elevators. The design, construction and installation of private residence elevators installed within a residential unit or providing access to one individual dwelling unit shall conform to ASME A17.1/CSA B44, Section 5.3, and be inspected and approved by all other agencies having jurisdiction.

R323.1.1.1 Hoistway enclosures. Hoistway enclosures for private residence elevators shall comply with ASME A17.1/CSA B44, Requirement 5.3.1.1, and be inspected and approved by all other agencies having jurisdiction.

R323.1.1.2 Hoistway opening protection. Hoistway landing doors for private residence elevators shall comply with ASME A17.1/CSA B44, Requirements 5.3.1.8.1 through 5.3.1.8.3, and be inspected and approved by all other agencies having jurisdiction.

R323.2 Platform lifts. Where provided, platform lifts shall comply with ASME A18.1, and be inspected and approved by all other agencies having jurisdiction.

R323.3 Accessibility. Elevators or platform lifts that are part of an accessible route required by Chapter 11 of the International Building Code, shall comply with ICC A117.1, and be inspected and approved by all other agencies having jurisdiction.

SECTION R324.4.6 GLAZING ADJACENT STAIRS AND RAMPS is hereby amended to read as follows:

R324.4.6 Glazing adjacent stairs and ramps. Glazing where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) above the plane of the adjacent walking surface of stairways, landings between flights of stairs and ramps shall be considered a hazardous location.

SECTION R324.4.7 GLAZING ADJACENT TO THE BOTTOM OF STAIR LANDING is hereby amended to read as follows:

R324.4.7 Glazing adjacent to the bottom stair landing. Glazing adjacent to the landing at the bottom of a stairway where the glazing is less than 60 inches (1524 mm) above the landing and within 60 inches (1524 mm) horizontally of the bottom tread shall be considered a hazardous location.

SECTION R325.3 Mechanical ventilation is hereby amended and revised to read as follows:

R325.3 Mechanical ventilation. Buildings and dwelling units complying with 2018 IECC Chapter 4 [RE], as amended, shall be provided with mechanical ventilation in accordance with Section M1505, or with other approved means of ventilation.

SECTION R328.1 General is hereby amended and revised to read as follows:

R328.1 General. The design and construction of pools and spas shall comply with the International Swimming Pool and Spa Code and ARS § 36-1681, as amended and adopted. The most restrictive of the requirements contained therein will apply.

SECTION R329 SOLAR ENERGY SYSTEMS

R329.6.2.1 Alternative setback at ridge is hereby amended and revised to read as follows:

R329.6.2.1 Alternative setback at ridge. Where an automatic sprinkler system is installed within the dwelling or townhouse, permitted, installed, inspected and approved by the Town and fire district having jurisdiction, setbacks at ridges shall comply with one of the following:

1. For photovoltaic arrays occupying not more than 66 percent of the plan view total roof area, not less than an 18-inch (457 mm) clear setback is required on both sides of a horizontal ridge.
2. For photovoltaic arrays occupying more than 66 percent of the plan view total roof area, not less than a 36-inch (914 mm) clear setback is required on both sides of a horizontal ridge.

R330.1: General is hereby amended by the deletion of Exceptions, to read as follows:

R330.1 General.

Energy storage systems (ESS) shall comply with the provisions of this section.

SECTION R403.1.3 Footing and stem wall reinforcing in Seismic Design D₀, D₁ and D₂, previously adopted and amended as SECTION R403.1.3.1 FOUNDATION AND STEM WALLS, is hereby deleted in its entirety and replaced with the amendments to section R403 that follow:

R403.1.3 Foundation and stem wall reinforcement. Foundations and stem walls shall be provided with the following steel reinforcement, unless an engineered design is provided:

1. For non-retaining stem walls less than twenty-four inches (610 mm) in height, a bond beam composed of one No. 4 horizontal bar is required at the top of the wall and one No. 4 vertical bar is provided at forty-eight inches (1219 mm) on center. The vertical reinforcement shall extend into the footing with a bent hook having a minimum of six-inch (152 mm) 90° bend ~~and shall have support and cover as specified in Section R403.1.3.5.3.~~
2. For stem walls twenty-four inches (610 mm) to forty-eight inches (1219 mm) in height, a bond beam composed of two No. 4 horizontal bar, or one No. 5 bar is required at the top of the wall and one No. 4 vertical bar is provided at forty-eight inches (1219 mm) on center. The vertical reinforcement shall extend into the footing with a bent hook having a minimum of six-inch (152 mm) 90° bend ~~and shall have support and cover as specified in Section R403.1.3.5.3.~~

SECTION R408.3 Unvented crawl space, item 2, is hereby amended and revised to read as follows:

2. One of the following shall be provided for the under-floor space:

- 2.1. Continuously operated mechanical exhaust ventilation at a rate equal to 1 cubic foot per minute (0.47 L/s) for each 50 square feet (4.7 m²) of crawl space floor area, including an air pathway to the common area (such as a duct or transfer grille), and perimeter walls insulated in accordance with Section R402.2.11 of the 2018 IECC.

2.2. Conditioned air supply sized to deliver at a rate equal to 1 cubic foot per minute (0.47 L/s) for each 50 square feet (4.7 m²) of under-floor area, including a return air pathway to the common area (such as a duct or transfer grille), and perimeter walls insulated in accordance with Section R402.2.11 of the 2018 IECC.

SECTION R506.3.3 Vapor retarder is hereby deleted in its entirety.

SECTION R702.7 Vapor retarders is hereby amended and revised to read as follows:

R702.7 Vapor retarders. Vapor retarder materials shall be classified in accordance with Table R702.7(1). A vapor retarder shall be provided on the interior side of frame walls of the class indicated in Table R702.7(2), including compliance with Table R702.7(3) or R702.7(4) where applicable. An approved design using accepted engineering practice for hygrothermal analysis shall be permitted as an alternative. Vapor retarders shall be installed in accordance with Section R702.7.2.

The climate zone shall be 2B as amended in this code.

Exceptions:

1. Basement walls.
2. Below-grade portion of any wall.
3. Construction where accumulation, condensation or freezing of moisture will not damage the materials.
4. A vapor retarder **shall not be required in Climate Zones 1, 2 and 3.**
5. In Climate Zones 4 through 8, a vapor retarder shall not be required where the assembly complies with Table R702.7(5).

R702.7.2 Vapor retarder installation is hereby amended and revised to read as follows:

R702.7.2 Vapor retarder installation. Vapor retarders shall be installed in accordance with the retarder also functions as a component of a continuous air barrier, the vapor retarder shall be installed as an air barrier in accordance with Section R402.4 of the 2018 IECC, as amended.

R703.2 Water-resistive barrier is hereby amended and revised to read as follows:

R703.2 Water-resistive barrier. Not fewer than one layer of water-resistive barrier shall be applied over studs or sheathing of all exterior walls with flashing as indicated in Section R703.4, in such a manner as to provide a continuous water-resistive barrier behind the exterior wall

veneer and behind deck ledgers. The water-resistive barrier material shall be continuous to the top of walls and terminated at penetrations and building appendages in a manner to meet the requirements of the exterior wall envelope as described in Section R703.1. Where the water resistive barrier also functions as a component of a continuous air barrier, the water resistive barrier shall be installed as an air barrier in accordance with Section R402.4 of the 2018 IECC, as amended. Water resistive barrier materials shall comply with one of the following:

1. No. 15 felt complying with ASTM D226, Type 1.
2. ASTM E2556, Type 1 or 2.
3. Foam plastic insulating sheathing water-resistive barrier systems complying with Section R703.1.1 and installed in accordance with the manufacturer's installation instructions.
4. ASTM E331 in accordance with Section R703.1.1.
5. Other approved materials in accordance with the manufacturer's installation instructions.

R703.7.3.1 Dry Climates is hereby amended and revised to read as follows:

R703.7.3.1 Dry climates. In Dry (B) climate zones, as amended by this code, water-resistive barriers shall comply with one of the following:

1. The water-resistive barrier shall be two layers of 10-minute Grade D paper or have a water resistance equal to or greater than two layers of a water-resistive barrier complying with ASTM E2556, Type I. The individual layers shall be installed independently such that each layer provides a separate continuous plane. Flashing installed in accordance with Section R703.4 and intended to drain to the water-resistive barrier shall be directed between the layers.
2. The water-resistive barrier shall be 60-minute Grade D paper or have a water resistance equal to or greater than one layer of a water-resistive barrier complying with ASTM E2556, Type II. The water-resistive barrier shall be separated from the stucco by a layer of foam plastic insulating sheathing, other non-water-absorbing layer, a drainage space or means of drainage complying with Section R703.7.3.2. Flashing installed in accordance with Section 703.4 and intended to drain to the water-resistive barrier shall be directed to the exterior side of the water-resistive barrier.

SECTION R806 ROOF VENTILATION

TABLE R806.5 Insulation for condensation control, footnote a. is hereby amended and revised to read as follows:

- a. Contributes to but does not supersede the requirements in Section R402.4 of the 2018 IECC, as amended.

SECTION R1003.9.2 Spark arrestors is hereby amended and revised to read as follows:

R1003.9.2 Spark arrestors. Spark arrestors are required to be installed on all masonry chimneys. The spark arrestor shall meet all of the following requirements:

1. The net free area of the arrestor shall be not less than four times the net free area of the outlet of the chimney flue it serves.
2. The arrestor screen shall have heat and corrosion resistance equivalent to 19-gage galvanized steel or 24-gage stainless steel.
3. Openings shall not permit the passage of spheres having a diameter greater than 1/2 inch (12.7 mm) nor block the passage of spheres having a diameter less than 3/8 inch (9.5 mm).
4. The spark arrestor shall be located with access for cleaning and the screen or chimney cap shall be removable to allow for cleaning of the chimney flue.

SECTION R1005.3.1 Spark arrestor is hereby added as a new section, to read as follows:

R1005.3.1 Spark arrestor. A UL-listed spark arrestor must be installed on all solid fuel factory-built chimneys.

CHAPTER 11 - ENERGY EFFICIENCY is hereby deleted, with the exception of Section N1101.6 (R202) Defined terms, and replaced with the provisions of the 2018 International Energy Conservation Code (IECC) as amended and adopted in this Ordinance.

SECTION M1307.3.1 Protection from impact is hereby amended and revised to read as follows:

M1307.3.1 Protection from impact. Appliances shall not be installed in a location subject to vehicle damage except where protected by approved barriers. See Figure R330.8.1 for areas that are subject to vehicle damage from impact.

SECTION M1411.12.1 Refrigerant line insulation protection is hereby amended and revised to read as follows:

M1411.12.1 Refrigerant line insulation protection. Refrigerant piping insulation shall be protected in accordance with the 2018 IECC.

SECTION M1601.1.2 Underground duct systems is hereby amended and revised to read as follows:

M1601.1.2 Underground duct systems. Underground duct systems shall be constructed of

approved concrete, clay, metal or plastic. The maximum design temperature for systems utilizing plastic duct and fittings shall be 150°F (66°C). Metal ducts shall be protected from corrosion in an approved manner or shall be completely encased in concrete not less than 2 inches (51 mm) thick. Nonmetallic ducts shall be installed in accordance with the manufacturer's instructions. Plastic pipe and fitting materials shall conform to cell classification 12454-B of ASTM D1248 or ASTM D1784 and external loading properties of ASTM D2412. Ducts shall slope to a drainage point that has access. Ducts shall be sealed, secured and tested prior to encasing the ducts in concrete or direct burial. Duct tightness shall be verified as required by the 2018 IECC. Metallic ducts having an approved protective coating and nonmetallic ducts shall be installed in accordance with the manufacturer's instructions.

SECTION M2103 FLOOR HEATING SYSTEMS

SECTION M2103.2 Thermal barrier required is hereby amended and revised to read as follows:

M2103.2 THERMAL BARRIER REQUIRED. Radiant floor heating systems shall have a thermal barrier in accordance with Sections M2103.2.1 and M2103.2.2. Insulation R-values for slab-on-grade and suspended floor installations shall be in accordance with the 2018 IECC.

Exception: Insulation shall not be required in engineered systems where it can be demonstrated that the insulation will decrease the efficiency or have a negative effect on the installation.

SECTION M2201 – OIL TANKS

SECTION M2201.7 Tanks abandoned or removed is hereby amended and revised to read as follows:

M2201.7 Tanks abandoned or removed. Outdoor above-grade fill piping shall be removed when tanks are abandoned or removed. Tank abandonment and removal shall be in accordance with the International Fire Code, as adopted, and with all other jurisdictions having authority.

SECTION M2301 SOLAR THERMAL ENERGY SYSTEMS

SECTION M2301.2.5 Piping insulation is hereby amended and revised to read as follows:

M2301.2.5 Piping insulation. Piping shall be insulated in accordance with the requirements of the 2018 IECC. Exterior insulation shall be protected from ultraviolet degradation. The entire solar loop shall be insulated. Where split-style insulation is used, the seam shall be sealed. Fittings shall be fully insulated.

Exceptions:

1. Those portions of the piping that are used to help prevent the system from overheating shall not be required to be insulated.
2. Those portions of piping that are exposed to solar radiation, made of the same material as the solar collector absorber plate and are covered in the same manner as the solar collector absorber, or that are used to collect additional solar energy, shall not be required to be insulated.
3. Piping in thermal solar systems using unglazed solar collectors to heat a swimming pool shall not be required to be insulated.

SECTION G2406.2.1 (303.2) Hazardous locations is hereby added as a new section, to read as follows:

SECTION G2406.2.1 Hazardous locations. Liquefied petroleum gas piping shall not serve any gas-fired appliance or equipment in a pit or basement where heavier-than-air gas may collect to form flammable mixture.

Section G2415.12 Minimum burial depth is amended as follows.

Section 2415.12 (IFGC 404.12) Minimum burial depth. Underground piping systems shall be installed at a minimum depth of 18 inches (305mm) below grade.

Section G2415.12.1 Individual outside appliance is deleted in its entirety.

SECTION G2417 (406) INSPECTION, TESTING AND PURGING

SECTION G2417.1.2 (406.1.2) Repairs and additions is hereby deleted in its entirety and revised to read as follows:

G2417.1.2 (406.1.2) Repairs and additions. In the event repairs or additions are made after the initial pressure test, the affected piping shall be tested and inspected.

SECTION G2420 (409) GAS SHUTOFF VALVES

SECTION G2420.2 (409.2) Meter valve is hereby deleted in its entirety and replaced by a new amended by addition to the following section to read as follows:

G2420.2 (409.2) Meter valve. Building shut off valve. Every meter All buildings shall be equipped with a shutoff valve located on the supply side of the meter or supply vessel. Such Each shutoff valve shall be manually operated, and placed installed above grade on the supply piping, located directly outside the building it supplies, and shall be readily accessible at all times.

SECTION G2420.3 (409.3.2) Individual buildings is hereby amended and revised to read as follows:

G2420.3 (409.3.2) Individual buildings. In a common system serving more than one building, shutoff valves shall be installed outdoors at each building in accordance with Section G2420.2.

SECTION G2447.2 (623.2) PROHIBITED LOCATION is hereby amended to read as follows:

G2447.2 (623.2) Commercial appliances. Cooking appliances designed, tested, listed and labeled for use in commercial occupancies shall be installed within dwelling units or within any area where domestic cooking operations occur according to the International Building Code (IBC), International Fire Code (IFC), and in accordance with the manufacturer's installation instructions.

SECTION P2601 GENERAL

SECTION P2601.2 (701.2) - Connections to drainage system is hereby amended by the insertion of an additional exception to read as follows:

P2601.2 Connections to drainage system. Plumbing fixtures, drains, appurtenances and appliances used to receive or discharge liquid wastes or sewage shall be directly connected to the sanitary drainage system of the building or premises, in accordance with the requirements of this code. This section shall not be construed to prevent indirect waste connections where required by the code.

Exceptions:

1. Bathtubs, showers, lavatories, clothes washers and laundry trays shall not be required to discharge to the sanitary drainage system where such fixtures discharge to systems complying with Sections P2910 and P2911.
2. Manufactured composting toilets included on the Arizona Department of Environmental Quality Listing of Proprietary Products (latest version) used to receive liquid wastes or sewage are not required to be connected to the sanitary drainage system but are required to be a component in an onsite wastewater system.

SECTION P2602 INDIVIDUAL WATER SUPPLY AND SEWAGE DISPOSAL

SECTION P2602.1 General is hereby amended by the insertion of an additional exception to read as follows:

P2602.1 General. The water-distribution system of any building or premises where plumbing fixtures are installed shall be connected to a public water supply. Where a public water-supply system is not available, or connection to the supply is not feasible, an individual water supply

shall be provided. Individual water supplies shall be constructed and installed in accordance with the applicable state and local laws. Where such laws do not address the requirements set forth in NGWA-01, individual water supplies shall comply with NGWA-01 for those requirements not addressed by state and local laws.

Sanitary drainage piping from plumbing fixtures in buildings and sanitary drainage piping systems from premises shall be connected to a public sewer. Where a public sewer is not available, the sanitary drainage piping and systems shall be connected to a private sewage disposal system in compliance with state or local requirements. Where state or local requirements do not exist for private sewage disposal systems, the sanitary drainage piping and systems shall be connected to an approved private sewage disposal system that is in accordance with the International Private Sewage Disposal Code.

Exceptions:

1. Sanitary drainage piping and systems that convey only the discharge from bathtubs, showers, lavatories, clothes washers and laundry trays shall not be required to connect to a public sewer or to a private sewage disposal system provided that the piping or systems are connected to a system in accordance with Section P2910 or P2911.
2. Manufactured composting toilets included on the Arizona Department of Environmental Quality Listing of Proprietary Products (latest version) used to receive liquid wastes or sewage are not required to be connected to the sanitary drainage system but are required to be a component in an onsite wastewater system.

SECTION P2603 STRUCTURAL AND PIPING PROTECTION

SECTION P2603.4.1 Pipes through footings is hereby added as a new section, to read as follows:

P2603.4.1 Pipes through footings. Pipes shall not be located in any footings.

Exception: Pipes located in footings are allowed when designed by an Arizona-licensed registrant.

SECTION P2603.5 FREEZING is amended by the revision of the last sentence to read as follows:

P2603.5 Freezing. Water service pipe shall be installed not less than eighteen inches (457 mm) deep and not less than six inches (152 mm) below the frost line. All nonmetallic piping shall be installed with a blue 12 AWG blue tracer wire suitable for direct burial terminating 12 inches (305 mm) above grade at each end.

SECTION P2603.5.1 Sewer Depth is hereby deleted in its entirety and revised to read as follows:

P2603.5.1 Sewer Depth. Building sewers connecting to all sewage disposal systems shall be a minimum of 18" (457 mm) deep and not less than six inches (152 mm) below the frost line. A green 12 AWG insulated green tracer wire suitable for direct burial terminating 12 inches (305 mm) above grade at each end is required.

SECTION P2804 RELIEF VALVES

SECTION P2804.6.1 (504.6) Requirements for discharge pipe, Item #10 is amended to read as follows:

10. Terminate not more than 6 inches (152 mm) and not less than two times the discharge pipe diameter above the floor, waste receptor flood level rim, or finished outside grade.

SECTION P2903 WATER SUPPLY SYSTEM

SECTION P2903.12 Drain water heat recovery units is hereby amended and revised to read as follows:

SECTION P2903.12 Drain water heat recovery units. Drain water heat recovery units shall be in accordance with the 2018 IECC.

SECTION P2904 DWELLING UNIT AUTOMATIC SPRINKLER SYSTEMS

SECTION P2904.1.1 REQUIRED SPRINKLER LOCATIONS is hereby amended to read as follows:

P2904.1.1 Required sprinkler locations. Sprinklers shall be installed to protect all areas of a dwelling unit as specified in amended section **R309** and in townhouses.

Exceptions:

1. Attics, crawl spaces and normally unoccupied concealed spaces that do not contain fuel-fired appliances do not require sprinklers. In attics, crawl spaces and normally unoccupied concealed spaces that contain fuel-fired equipment, a sprinkler shall be installed above the equipment; however, sprinklers shall not be required in the remainder of the space.
2. Clothes closets, linen closets and pantries not exceeding 24 square feet (2.2 m²) in area, with the smallest dimension not greater than 3 feet (915 mm) and having wall and ceiling surfaces of gypsum board.
3. Bathrooms not more than 55 square feet (5.1 m²) in area.
4. Garages that do not meet the criteria listed in section R317 as previously amended; carports; exterior porches; unheated entry areas, such as mud rooms, that are adjacent to an exterior door; and similar areas.

SECTION P2905 HEATED WATER DISTRIBUTION SYSTEMS

SECTION P2905.1 Heated water circulation systems and heat trace systems is hereby amended as follows:

P2905.1 Heated water circulation systems and heat trace systems. Circulation systems and heat trace systems that are installed to bring heated water in close proximity to one or more fixtures shall meet the requirements of the 2018 IECC.

SECTION P2905.2 Demand recirculation systems is hereby amended and revised to read as follows:

P2905.2 Demand recirculation systems. Demand recirculation water systems shall be in accordance with the 2018 IECC.

Section P2906.6.1 is hereby deleted in its entirety.

Section 3401.2 Scope is deleted in its entirety and revised as follows:

E3401.2 Scope. Chapters 34 through 43 shall cover the installation of electrical systems, equipment and components indoors and outdoors that are within the scope of this code, including services, power distribution systems, fixtures, appliances, devices and appurtenances. Services within the scope of this code shall be limited to 120/240-volt, 0- to 400-ampere, single-phase systems. These chapters specifically cover the equipment, fixtures, appliances, wiring methods and materials that are most commonly used in the construction or alteration of one- and two-family dwellings and accessory structures regulated by this code. The omission from these chapters of any material or method of construction provided for in the referenced standard NFPA 70 shall not be construed as prohibiting the use of such material or method of construction. Electrical systems, equipment or components not specifically covered in these chapters shall comply with the applicable provisions of NFPA 70.

Exception: Residential stand-alone electrical systems must comply with Article 710 of the 2023 National Electrical Code (NFPA 70), as amended and adopted.

E3901.4.2 Island and peninsular countertops and work surfaces is hereby deleted in its entirety and revised to read as follows:

E3901.4.2: Island and peninsular countertops and work surfaces. Not less than one receptacle outlet shall be installed to serve an island or peninsular countertop or work surface with a long dimension of twenty-four inches (24") or greater and a short dimension of twelve inches (12") or greater.

E3901.4.3: Receptacle outlet location is hereby amended and revised to read as follows:

E3901.4.3: Receptacle outlet location.

Receptacle outlets rendered not readily accessible by appliances fastened in place, appliance garages, sinks, within cabinet drawers, or range tops as covered in the exception to Section E3901.4.1, or appliances occupying assigned spaces shall not be considered as these required outlets. Required receptacle outlets shall be located in one or more of the following:

1. On or above, but not more than 20 inches (508 mm) above, the countertop or work surface.
2. In a countertop using receptacle outlet assemblies listed for the use in countertops.
3. In a work surface using receptacle outlet assemblies listed for use in work surfaces or listed for use in countertops. [210.52(C)(3)]
4. Receptacle outlets located below the countertop of an island or peninsula shall only be installed where the countertop overhang is no more than one and a half inches (1 ½") and is located within twelve (12") inches of the top of the work surface.

E3902.2 Garage and accessory building receptacles is hereby amended by the addition of an Exception, to read as follows:

Exception: A dedicated 15 to 20-amp Simplex receptacle serving a refrigerator or freezer is not required to be GFCI protected.

E3902.6 Kitchen receptacles is hereby amended by the addition of an Exception, to read as follows:

Exception: A dedicated 15 to 20-amp Simplex receptacle serving a refrigerator or freezer is not required to be GFCI protected.

E3902.21 Arc-fault circuit interrupter protection is hereby amended by addition of a second Exception to read as follows:

2. A dedicated 15 to 20-amp Simplex receptacle serving a refrigerator/freezer is not required to be GFCI protected.

E3907.8: Cables is hereby amended by addition of Exception #2 and revised to read as follows:

E3907.8: Cables.

Where cables are used, each cable shall be secured to the cabinet, panelboard, cutout box or meter socket enclosure. [312.5(C)]

Exceptions:

1. Cables with entirely nonmetallic sheaths shall be permitted to enter the top of a surface-mounted enclosure through one or more sections of rigid raceway not less than 18 inches

(457 mm) nor more than 10 feet (3048 mm) in length, provided all the following conditions are met:

- a) Each cable is fastened within 12 inches (305 mm), measured along the sheath, of the outer end of the raceway.
- b) The raceway extends directly above the enclosure and does not penetrate a structural ceiling.
- c) A fitting is provided on each end of the raceway to protect the cable(s) from abrasion and the fittings remain accessible after installation.
- d) The raceway is sealed or plugged at the outer end using *approved* means so as to prevent *access to* the enclosure through the raceway.
- e) The cable sheath is continuous through the raceway and extends into the enclosure beyond the fitting not less than ¼ inch (6.4 mm).
- f) The raceway is fastened at its outer end and at other points in accordance with Section E3802.1.
- g) The allowable cable fill for conduit or tubing shall not exceed that permitted by Table E3907.8 and shall be considered as a complete conduit or tubing system. A multiconductor cable having two or more conductors shall be treated as a single conductor for calculating the percentage of conduit fill area. For cables that have elliptical cross sections, the cross-sectional area calculation shall be based on the major diameter of the ellipse as a circle diameter. [312.5(C) Exception]

2. Cables with entirely nonmetallic sheaths shall be permitted to enter the back of a surface-mounted main service entrance enclosure through one or more sections, provided that each section consists of an approved male fitting with a locknut and bushings, and the wires are properly secured within 8 inches of entering the section. The total amount of wires shall not exceed the allowable fill as appropriate for the conduit size.

APPENDIX BB TINY HOUSES

SECTION BB102 – DEFINITIONS

SECTION BB102 – DEFINITIONS is hereby amended as follows:

TINY HOUSE. A *dwelling* that is 400 SQUARE FEET (37 M²) or less in floor area excluding lofts, that is site built or classified as an approved *factory-built building* by the Arizona Department of Housing, Office of Manufactured Housing. Park Models or any units licensed as Recreational Vehicles (RVs) are not classified as tiny houses and are only permitted in Manufactured Home Parks or RV Parks, as specified in the adopted Planning and Zoning Ordinance.

SECTION BB104 – LOFTS

SECTION BB104.2 Loft access and egress

SECTION BB104.2 Loft access and egress has been amended as follows:

SECTION BB104.2.1.1 Width has been amended as follows:

SECTION BB104.2.1.1 Width. Stairways accessing a loft shall not be less than 26 inches in clear width at, above or below the handrail.

SECTION BB104.2.2 Ladders is hereby deleted in its entirety.

SECTION BB104.2.3 Alternating tread devices is hereby deleted in its entirety.

SECTION BB104.2.4 Ship's ladders is hereby deleted in its entirety.

SECTION BB106 ENERGY CONSERVATION

SECTION BB106 ENERGY CONSERVATION is hereby deleted in its entirety and revised as follows:

BB1006 ENERGY CONSERVATION. All energy requirements must comply with the 2018 IECC as amended by this ordinance.

INTERNATIONAL SWIMMING POOL AND SPA CODE, 2024 EDITION, ADOPTED BY REFERENCE

The International Swimming Pool and Spa Code (ISPSC), 2024 Edition, and hereby referred to, adopted, and made a part here of as set forth herein, excepting such portions as are hereinafter deleted, modified or amended.

CHAPTER 1 SCOPE AND ADMINISTRATION is hereby deleted in its entirety and replaced with the requirements of the Town of Camp Verde Administrative Building Code as adopted and from time to time amended.

SECTION 303 ENERGY is hereby deleted in its entirety and replaced with the provisions of the 2018 International Energy Conservation Code, as amended and adopted.

SECTION 304 FLOOD HAZARD AREAS is hereby deleted in its entirety. Enforcement and regulations of flood hazard areas within Yavapai County shall be controlled by Yavapai County Flood Control District. See article 7-2-103.12.1 of the Town Administrative Building Code.

SECTION 305 BARRIER REQUIREMENTS

305.1 GENERAL is hereby deleted in its entirety and reads as follows:

SECTION 305.1 GENERAL The provisions of this section shall apply to the design of barriers for restricting entry into areas having pools and spas. Where spas or hot tubs are equipped with a lockable safety cover complying with ASTM F1346 and swimming pools are protected by a motorized safety pool cover that complies with ASTM F1346 which requires the operation of a key switch which meets the ASTM emergency standards 13-89 and which does not require manual operation other than the use of the key switch, the areas where those spas, hot tubs or pools are located shall not be required to comply with amended Sections 305.2 through 305.7 (A.R.S. § 36-1681.C.2).

305.1.1 CONSTRUCTION FENCING REQUIRED is hereby amended and revised to read as follows:

305.1.1 CONSTRUCTION FENCING REQUIRED. The construction sites for in-ground swimming pools and spas shall be provided with construction fencing to surround the site from the time that any excavation occurs up to the time that the permanent barrier is completed. The fencing shall be not less than 60 inches (1613 mm) in height.

SECTION 305.2.1 BARRIER HEIGHT AND CLEARANCES is hereby amended to read as follows:

305.2.1 Barrier height and clearances. Barrier heights and clearances shall be in accordance with all of the following:

1. Be entirely enclosed by at least a 60 inch (5 feet) wall, fence or other barrier as measured on the exterior side of the wall, fence or barrier (A.R.S. § 36-1681.B.1) Such height shall exist around the entire perimeter of the barrier and for a distance of 3 feet (914 mm) measured horizontally from the outside of the required barrier.
2. The vertical clearance between grade and the bottom of the barrier shall not exceed 2 inches (51 mm) for grade surfaces that are not solid, such as grass or gravel, where measured on the side of the barrier that faces away from the pool or spa.
3. The vertical clearance between a surface below the barrier to a solid surface, such as concrete, and the bottom of the required barrier shall not exceed 4 inches (102 mm) where measured on the side of the required barrier that faces away from the pool or spa.
4. Where the top of the pool or spa structure is above grade, the barrier shall be installed on grade or shall be mounted on top of the pool or spa structure. Where the barrier is mounted on the top of the pool or spa, the vertical clearance between the top of the pool or spa and the bottom of the barrier shall not exceed 4 inches (102 mm).
5. The wall, fence or barrier shall not contain openings, handholds or footholds accessible from the exterior side of the enclosure that can be used to climb the wall, fence or barrier (A.R.S. § 361681.B.4).

305.2.5 MESH FENCE AS A BARRIER is hereby amended and revised to read as follows:

305.2.4 MESH FENCE AS A BARRIER. Mesh fences, other than chain link fences in accordance with Section 305.2.7, shall be installed in accordance with the manufacturer's instructions and shall comply with ASTM F2286 and the following:

1. The bottom of the mesh fence shall be not more than 1 inch (25 mm) above the deck or installed surface or grade.
2. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall not permit the fence to be lifted more than 4 inches (102 mm) from grade or decking.
3. The fence shall be designed and constructed so that it does not allow passage of a 4-inch (102 mm) sphere under any mesh panel. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall be not greater than 4 inches (102 mm) from grade or decking.
4. An attachment device shall attach each barrier section at a height not lower than 45 inches (1143 mm) above grade. Common attachment devices include, but are not limited to, devices that provide the security equal to or greater than that of a hook-and-eye type latch incorporating a spring-actuated retaining lever such as a safety gate hook.
5. Where a hinged gate is used with a mesh fence, the gate shall comply with Section 305.3.
6. Patio deck sleeves such as vertical post receptacles that are placed inside the patio surface shall be of a nonconductive material.
7. Mesh fences shall not be installed on top of on-ground residential pools.

305.3.2: DOUBLE OR MULTIPLE DOORS AND GATES amended and revised to read as follows:

305.3.2: DOUBLE OR MULTIPLE DOORS AND GATES. Double gates or multiple gates shall have not fewer than one leaf secured in place and the adjacent leaf shall be secured with a self-latching device. The gate and barrier shall not have openings larger than 1/2 inch (12.7 mm) within 24 inches (610 mm) of the latch release mechanism (A.R.S. § 36-1681. B.3.a). The self-latching device shall comply with the requirements of Section 305.3.3.

SECTION 305.3.3 LATCHES is hereby deleted in its entirety and revised to read as follows:

305.3.3: LATCH RELEASE. For doors and gates in barriers, the door and gate latch release mechanisms shall be in accordance with the following:

1. Where door and gate latch release mechanisms are accessed from the outside of the barrier and are not of the self-locking type, such mechanism shall be located above the finished floor or ground surface in accordance with the following:
 - 1.1. At public pools and spas, not less than 54 inches (1372 mm)
 - 1.2. At residential pools and spas, not less than 54 inches (1372 mm).

2. Where door and gate latch release mechanisms are of the self-locking type such as where the lock is operated by means of a key, an electronic opener or the entry of a combination into an integral combination lock, the lock operation control and the latch release mechanism shall be located above the finished floor or ground surface in accordance with the following:

2.1. At public pools and spas, not less than 54 inches.

2.2. At residential pools and spas, at not less than 54 inches (1372 mm). (A.R.S. § 361681.B.3.a).

3. At private pools, where the only latch release mechanism of a self-latching device for a gate is located on the pool and spa side of the barrier, the release mechanism shall be located at a point that is at least 5 inches below the top of the gate. (A.R.S. § 36-1681.B.3.a).

305.3.4 BARRIERS ADJACENT TO LATCH RELEASE MECHANISMS is hereby amended and revised to read as follows:

305.3.4 BARRIERS ADJACENT TO LATCH RELEASE MECHANISMS. Where a latch release mechanism is located on the inside of a barrier, openings in the door, gate and barrier within 24 inches of the latch shall not be greater than 1/2 inch (12.7 mm) in any dimension.

305.4: STRUCTURE WALL AS A BARRIER is hereby amended by addition of #7, and revised to read as follows:

305.4: STRUCTURE WALL AS A BARRIER. Where a wall of a dwelling or structure serves as part of the barrier and where doors, gates or windows provide direct access to the pool or spa through that wall, one of the following shall be required:

1. Operable windows having a sill height of less than 48 inches (1219 mm) above the indoor finished floor, doors and gates shall have an alarm that produces an audible warning when the window, door or their screens are opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 2017.

2. In dwellings not required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located at not less than 54 inches (1372 mm) above the finished floor.

3. In dwellings that are required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the finished floor.

4. In structures other than dwellings, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the finished floor.

5. A safety cover that is listed and labeled in accordance with ASTM F1346 is installed for the pools and spas.

6. An approved means of protection, such as self-closing doors with self-latching devices, is provided. Such means of protection shall provide a degree of protection that is not less than the protection afforded by Item 1 or 2.

7. All ground level doors or other doors with direct access to the swimming pool or other contained body of water shall be equipped with a self-latching device which meets the requirements of 305.3.3 amended. Emergency escape or rescue windows from sleeping rooms with access to the swimming pool or other contained body of water shall be equipped with a latching device not less than 54 inches (1372 mm) above the floor. All other openable dwelling unit or guest room windows with similar access shall be equipped with a screwed in place wire mesh screen, or a keyed lock that prevents opening the window more than 4 inches (102 mm), or a latching device located not less than 54 inches (1372 mm) above the floor (A.R.S. § 361681.C.3).

401.3: CHAPTER 3 COMPLIANCE REQUIRED is hereby deleted and replaced with a new section, to read as follows:

401.3: COMPLIANCE. In addition to the requirements of this chapter, public swimming pools shall comply with the requirements of Chapter 3 and all other agencies having authority, including the Arizona Department of Environmental Quality.

501.2 GENERAL is hereby deleted and replaced with a new section, to read as follows:

501.2 GENERAL. In addition to the requirements of this chapter, public spas and public exercise spas shall comply with the requirements of Chapter 3 and all other agencies having authority, including the Arizona Department of Environmental Quality.

601.3: GENERAL is hereby deleted and replaced with a new section, to read as follows:

601.3: GENERAL. In addition to the requirements of this chapter, aquatic recreation facilities shall comply with the requirements of Chapter 3 and all other agencies having authority, including the Arizona Department of Environmental Quality.

Article 7-2 – ADMINISTRATIVE BUILDING CODE

Section 7-2-101 – General

7-2-101.1 - Title

These provisions shall be known as the "Town of Camp Verde Administrative Building Code," may be cited as such, and will be referred to herein, as "this Chapter."

7-2-101.2.1 - Exceptions

The provisions of this Chapter and the technical codes shall not apply to any of the following:

1. Amusement devices and structures, including merry-go-rounds, Ferris-wheels, rotating conveyances, slides, similar devices and accessory structures whose use is necessary for the operation of such amusement devices and structures; any accessory structure included in the provisions of this sub-section shall be limited to a cover or roof over each device, but shall not include any storage building or detached structure which is not an integral part of the device.
2. Tanks or basins, without a building above, built below grade, which is a part of the town water or sewage treatment process. Storage tanks resting in or upon the ground and installed in accordance with the requirements of the International Building Code (IBC).
3. Works of art not over six feet (1829 mm) in height and their foundation and supporting structure, provided that no part of which is intended to be occupied or used as shelter.
4. Portable LP-gas equipment of all types not connected to a fixed fuel piping system.
5. Except as provided in Section 401.1.1 of the International Fuel Gas Code (IFGC), gas piping, meters, gas pressure regulators and other appurtenances used by the serving gas utility supplier in the distribution of gas, other than LP-gas.
6. Federal development on Federal land. Private development on Federal land shall not be exempted.
7. Any construction or improvement outside the Town boundaries, or beyond the jurisdictional authority of the Town of Camp Verde.
8. Items pursuant to ARS §11-865, the provisions of this Article shall not be construed to apply to:
 - a. Construction or operation incidental to construction and repair to irrigation and drainage ditches or appurtenances thereto, of regularly constituted districts or reclamation districts, or to farming, dairying, agriculture, viticulture, horticulture or stock or poultry raising, or clearing or other work upon land in rural areas for fire prevention purposes.
 - b. Devices used in manufacturing, processing or fabricating normally considered as involved in industry and construction, operation and maintenance of electric, gas or other public utility systems operated by public service corporations operating under a franchise or certificate of convenience and necessity.

7-2-101.3 - Intent

The purpose of the technical codes is to establish the minimum requirements to safeguard the public health, safety and general welfare through affordability, structural strength, means of egress facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters and emergency responders during emergency operations.

7-2-101.4 - Technical Codes

The technical codes shall include all of the following codes applied as indicated, plus the codes and standards referenced in the technical codes shall be considered part of the requirements of the technical codes to the prescribed extent of each such reference.

7-2-101.4.1 - International Building Code (IBC)

The provisions of the International Building Code (IBC) and amendments thereto shall apply to the construction, alteration, relocation, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures. Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.4.1.1 - Exceptions

1. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories above grade plane in height with separate means of egress and their accessory structures shall comply with the International Residential Code (IRC).
2. Existing buildings undergoing repair, alteration or additions and change of occupancy shall be permitted to comply with the International Existing Building Code (IEBC).
3. The provisions of the International Fuel Gas Code (IFGC) shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in the International Building Code (IBC). These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories.
4. The provisions of the International Mechanical Code (IMC) 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.
5. The provisions of the International Plumbing Code (IPC) shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances,

fixtures, fittings and appurtenances, and where connected to a water or sewage system all aspects of a medical gas system.

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

7.The provisions of the International Energy Conservation Code (IECC) shall apply to all matters governing the design and construction of buildings for energy efficiency.

8.The provisions of the International Swimming Pool and Spa Code shall apply to all matters governing the design, construction, alteration, repair and maintenance of swimming pools, spas, hot tubs and aquatic facilities, both private and public.

7-2-101.4.2 - International Energy Conservation Code (IECC)

The provisions of the International Energy Conservation Code (IECC) shall apply to commercial and residential buildings and the buildings sites and associated systems and equipment. This code shall regulate the design and the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures for the effective use and conservation of energy over the useful life of each building. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

7-2-101.4.3 - International Existing Building Code (IEBC)

The provisions of the International Existing Building Code (IEBC) shall apply to the repair, alteration, change of occupancy, addition and relocation of existing buildings, regardless of occupancy. Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.4.3.1 - Exceptions

1.Buildings Not Previously Occupied. A building or portion of a building that has not been previously occupied, or for which a Certificate of Occupancy has not been issued or used for its intended purpose in accordance with the laws in existence at the time of its completion shall comply with the Technical Codes and provisions of the International Building Code (IBC) or International Residential Code (IRC), as applicable, for new construction or with any current permit for such occupancy.

2. Buildings Previously Occupied. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the International Fire Code (IFC), or as is deemed necessary by the Building Official for the general safety and welfare of the occupants and the public.

7-2-101.4.4 - International Fire Code (IFC)

This code establishes regulations affecting or relating to structures, processes, premises and safeguards regarding: the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; conditions hazardous to life, property or public welfare in the occupancy of structures or premises; fire hazards in the structure or on the premises from occupancy or operation; matters related to the construction, extension, repair, alteration or removal of fire suppression or alarm systems; and conditions affecting the safety of fire fighters and emergency responders during emergency operations. Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.4.5 - International Fuel Gas Code (IFGC)

The provisions of the International Fuel Gas Code (IFGC) shall apply to the installation of fuel-gas piping systems from the point of delivery, fuel gas appliances, gaseous hydrogen systems and related accessories. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories. Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.4.5.1 - Exceptions

1. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories high with separate means of egress and their accessory structures shall comply with the International Residential Code (IRC).

2. Fuel-gas piping systems, fuel-gas utilization equipment and related accessories on existing buildings undergoing repair, alteration or additions and change of occupancy shall be permitted to comply with the International Existing Building Code (IEBC).

3. Gaseous hydrogen systems shall be regulated by Chapter 7 of the 2018 International Fuel Gas Code (IFGC).

4. These regulations cover piping systems for natural gas with an operating pressure of 125 pounds per square inch gauge (psig) (862 kPa gauge) or less, and for LP-gas with an operating pressure of 20 psig (140 kPa gauge) or less, except as provided in the International Fuel Gas Code (IFGC) Section 402.6. Coverage shall extend from the point of delivery to the outlet of the appliance shutoff valves. Piping system requirements shall include design, materials, components, fabrication, assembly, installation, testing, inspection, operation and maintenance.

5.Requirements for gas appliances and related accessories shall include installation, combustion and ventilation air and venting and connections to piping systems.

6.Systems, Appliances and Equipment Outside the Scope. This code shall not apply to the following: portable LP-gas appliances and equipment of all types that is not connected to a fixed fuel piping system; installation of farm appliances and equipment such as brooders, dehydrators, dryers and irrigation equipment; raw material (feedstock) applications except for piping to special atmosphere generators; oxygen-fuel gas cutting and welding systems; industrial gas applications using gases such as acetylene and acetylenic compounds, hydrogen, ammonia, carbon monoxide, oxygen and nitrogen; petroleum refineries, pipeline compressor or pumping stations, loading terminals, compounding plants , refinery tank farms and natural gas processing plants; integrated chemical plants or portions of such plants where flammable or combustible liquids or gases are produced by, or used in, chemical reactions; LP-gas installations at utility gas plants; Liquefied natural gas (LNG) installations; fuel gas piping in power and atomic energy plants; proprietary items of equipment, apparatus or instruments such as gas-generating sets, compressors and calorimeters; LP-gas equipment for vaporization, gas mixing and gas manufacturing; temporary LP-gas systems for railroad switch heating; installation of hydrogen gas, LP-gas and compressed natural gas (CNG) systems on vehicles; except as provided in the 2018 International Fuel Gas Code (IFG) Section 401.1.1, gas piping, meters, gas pressure regulators and other appurtenances used by the serving gas supplier in the distribution of gas, other than undiluted LP-gas; building design and construction, except as specified herein; piping systems for mixtures of gas and air within the flammable range with an operating pressure greater than 10 psig (69 kPa gauge); portable fuel cell appliances that are neither connected to a fixed piping system nor interconnected to a power grid.

7.The requirements for the design, installation, maintenance, alteration and inspection of mechanical systems operating with fuels other than fuel gas shall be regulated by the International Mechanical Code (IMC).

7-2-101.4.6 - International Mechanical Code (IMC)

The provisions of the International Mechanical Code (IMC) shall regulate the design, installation, maintenance, alterations, repairs and replacement of mechanical systems, and inspection 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 that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings. This code shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed herein. The installation of fuel gas distribution piping and equipment, fuel gas-fired appliances and fuel gas-fired appliance venting systems shall be regulated by the International Fuel Gas Code (IFGC). Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.4.6.1 - Exceptions

1. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the International Residential Code (IRC).

7-2-101.4.7 - National Electrical Code (NEC)

The provisions of the National Electrical Code (NEC) shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto. The National Electrical Code (NEC) shall cover the installation of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables and raceways for the following: public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings; yards, lots, parking lots, carnivals, and industrial substations; installations of conductors and equipment that connect to the supply of electricity; installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center.

7-2-101.4.7.1 - Exceptions

1. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories high with separate means of egress and their accessory structures shall comply with the International Residential Code (IRC).

2. This code does not cover the following: installation in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles; installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable; installations of railways for generation, transformation, transmission, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communications purposes; installations of communications equipment under the exclusive control of communications utilities located outdoors or in building spaces used exclusively for such installations; installations under the exclusive control of an electric utility where such installations: consists of service drops or service laterals, and associated metering, or are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission, or distribution of electric energy or are located in legally established easements or rights-of-way, or are located by other written agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations. These written agreements shall be limited to installations for the purpose of communications, metering, generation, control, transformation, transmission, or distribution of electric energy where legally established easements or rights-of-way cannot be obtained. These installations shall be limited to Federal Lands, Native American Reservations through

the U.S. Department of the Interior Bureau of Indian Affairs, military bases, lands controlled by port authorities and state agencies and departments and lands owned by railroads.

3.The authority having jurisdiction for enforcing this code may grant exception for the installation of conductors and equipment that are not under the exclusive control of the electric utilities and are used to connect the electric utility supply system to the service conductors of the premises served, provided such installations are outside a building or structure, or terminate inside nearest the point of entrance of the service conductors.

7-2-101.4.8 - International Plumbing Code (IPC)

The provisions of the International Plumbing Code (IPC) shall apply to the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing systems including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system within the Town. This code shall also regulate all aspects of nonflammable medical gas, inhalation anesthetic, vacuum piping, nonmedical oxygen systems and sanitary and condensate vacuum collection systems. The installation of fuel gas distribution piping and equipment, fuel-gas-fired water heaters and water heater venting systems shall be regulated by the International Fuel Gas Code (IFGC). Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.4.8.1 - Exceptions

1.Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories high with separate means of egress and their accessory structures shall comply with the International Residential Code (IRC).

2.Plumbing systems in existing buildings undergoing repair, alteration or additions and change of occupancy shall be permitted to comply with the International Existing Building Code (IEBC).

3.Mechanical systems in existing buildings undergoing repair, alteration or additions and change of occupancy shall be permitted to comply with the International Existing Building Code (IEBC).

7-2-101.4.9 - International Residential Code for One- and Two-Family Dwellings (IRC)

The provisions of the International Residential Code (IRC) shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories above grade plane in height with separate means of egress and their accessory structures. Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.4.9.1 – Exceptions – Residential Structures for Commercial Use

The following shall be permitted to be constructed in accordance with this code where provided with an automatic sprinkler system complying with Section P2904.

1. Existing buildings undergoing repair, alteration or additions and change of occupancy shall be permitted to comply with the International Existing Building Code (IEBC).

2. Live/work units complying with the requirements of Section 508.5 of the International Building Code (IBC) shall be permitted to be built as one- and two-family dwellings or townhouses. Fire suppression required by Section 508.57 of the International Building Code (IBC) when constructed under the International Residential Code (IRC) shall conform to Section P2904.

3. A care facility with five or fewer persons receiving custodial care within a dwelling unit.

4. A care facility with five or fewer persons receiving custodial care within a dwelling unit.

5. Owner-occupied lodging houses with five (5) or fewer guestrooms.

6. A day care facility for five or fewer persons of any age receiving care within a dwelling unit.

7-2-101.4.10 - International Swimming Pool and Spa Code (ISPSC)

The provisions of this code shall apply to the construction, alteration, movement, renovation, replacement, repair and maintenance of aquatic vessels. Provisions in the appendices shall not apply unless specifically adopted.

7-2-101.5 - Appendices

Provisions in the appendices of the technical codes shall not apply unless specifically adopted.

7-2-101.6 – Definitions is hereby amended by addition or revision of the following words and terms:

Unless otherwise expressly stated, the following words and terms shall have the meanings as shown in this Chapter. Definitions located in the technical codes are hereby incorporated into this Chapter.

- "*Addition*" means an extension or increase in floor area or height of a building or structure.
- "*Administrative Building Code*" means the Town of Camp Verde, Arizona Administrative Building Code as set forth within Ordinance 2019-A440, as adopted by this Jurisdiction.

- *"Alter or Alteration"* means any construction or renovation to an existing structure other than repair or addition.
- *"Approved"* means acceptable to the Building Official or Authority Having Jurisdiction.
- *"Approved Agency"* means an established and recognized agency regularly engaged in conducting tests or furnishing inspection services, when such agency has been approved by the Building Official.
- *"Bedroom"* means a room intended for sleeping **and noted on plans as such** that may or may not contain a closet in residential use. **This includes SLEEPING LOFT.**
- *"Building"* means any structure used or intended for supporting or sheltering any use or occupancy.
- *"Building Code"* means the International Building Code (IBC) as published by the International Code Council, as adopted by this jurisdiction.
- *"Building, Existing"* means any building erected prior to the adoption of this Chapter, or one for which a legal building permit and certificate of occupancy has been issued.
- *"Building Official"* means the officer or other designated authority charged with the administration and enforcement of this Chapter and the technical codes, or a regularly authorized deputy or other designee. When the term or title administrative authority, Building Official, building inspector, code official, gas inspector, plumbing inspector, mechanical inspector or other similar designation is used in this Chapter or in any of the technical codes, it shall be construed to mean the Building Official.
- *"Building Service Equipment"* means the plumbing, mechanical, electrical and elevator equipment including piping, wiring, fixtures and other accessories which provide sanitation, lighting, heating, ventilation, cooling, refrigeration, fire-fighting and transportation facilities essential to the occupancy of the building or structure for its designated use.
- *"Carport"* means a structure used for parking of automobiles or other vehicles and completely open on at least two (2) sides.
- *"Code Council"* — as adopted by this Jurisdiction.
- *"Commercial Projects"* means any building or structure covered under the International Building Code (IBC) and not defined as town houses greater than a duplex.
- *"Condominium"* means a unit (residential or commercial) in a multi-unit structure or building that is separately owned and may be combined with an undivided interest in the common areas and facilities of the property.

- *"Crawlspace"* means an underfloor space that is not a basement and is not intended for storage.
- *"Detached Building"* means a stand-alone structure that is separated from other structures on the same property without fire resistant constructed exterior walls with a physical separation that complies with the requirements of Section R302 of the Residential Code as referenced herein.
- *"Electrical Code"* means the National Electrical Code (NEC) published by the National Fire Protection Association, as adopted by this Jurisdiction.
- *"Existing Building Code"* means the International Existing Building Code (IEBC), published by the International Code Council, as adopted by this jurisdiction.
- *"Factory-Built Building"* means a residential or non-residential building including a dwelling unit or habitable room thereof, which is either wholly or in part manufactured at an off-site location to be assembled on-site, except that it does not include a manufactured home, recreational vehicle or mobile home as defined by Arizona Statutes.
- *"Fuel Gas Code"* means the International Fuel Gas Code (IFGC), published by the International Code Council, as adopted by this Jurisdiction.
- *"Grading"* means any excavating, filling, or combination thereof for earthwork construction as covered within the grading ordinances as adopted by this Jurisdiction.
- *"Jurisdiction"* — the Town of Camp Verde, Arizona.
- *"Kitchen"* means an area with a sink and provisions for food preparation, food storage and cooking.
- *"Landing"* means a solid material platform adjacent to a doorway serving the means of egress and/or a stairway.
- *"Manufactured Home"* means a dwelling unit fabricated on a permanent chassis at an offsite manufacturing facility for installation at the building site, and bearing a label certifying it as built, or upgraded, to compliance with the Federal Manufactured Housing Construction and Safety Standards Act. It bears a mobile ID number and is larger than 400 square feet.
- *"Mechanical Code"* means the International Mechanical Code (IMC), published by the International Code Council, as adopted by this Jurisdiction.
- *"Mobile Home"* means a portable dwelling unit larger than 400 square feet and manufactured prior to June 15, 1976, designed and constructed to permit permanent occupancy as a residence and also to facilitate transfer from one site to another by means of a chassis with wheels and hitch or flatbed truck.

- *"Modular Housing"* means Factory-built housing that is certified as meeting the state or local building code. It does not have a mobile ID. Modular housing is considered site-built housing.
- *"Occupancy"* means any person, agent, firm or corporation having a legal or equitable interest in the property.
- *"Owner"* means the person, agent, firm or corporation with legal or equitable interest in a property.
- *"Overhang"* means a roof extension not exceeding four (4) feet beyond any supporting components thereof. A roof overhang exceeding four (4) feet will be considered as a patio cover.
- *"Peer Review"* means an independent and objective technical review conducted by an approved third party.
- *"Permit"* means the official document or certificate issued by the Building Official authorizing performance of a specified, legal activity.
- *"Person"* means an individual, heirs, executors, administrators or assigns, and also includes a firm, partnership or corporation, its or their successors or assigns, or the agent of any of the aforesaid.
- *"Plumbing Code"* means the International Plumbing Code (IPC), published by the International Code Council, as adopted by this Jurisdiction.
- *"Repair"* means the reconstruction or renewal of any part of an existing building, structure or building service equipment for the purpose of its maintenance.
- *"Residential Code for One- and Two-Family Dwellings"* means the International Residential Code for One- and Two-Family Dwellings, published by the International Code Council, as adopted by this Jurisdiction.
- *"Shall"* — the term, as used in this Chapter and the technical codes, is construed as mandatory.
- *"Storm Shelter"* — means a *building*, structure or portion thereof, constructed in accordance with ICC 500 and designated for use during a severe wind storm event, such as a hurricane or tornado.
- *"Structure"* means that which is built or constructed, an edifice or building of any kind, or any piece of work artificially built up or composed of parts joined together in some definite manner.

- *"Technical Codes"* means those codes adopted by this Jurisdiction containing the provisions for design, construction, alteration, addition, repair, removal, demolition, use, location, occupancy and maintenance of all buildings and structures and building service equipment as herein defined.

- *"Tiny House"* means a *dwelling* that is 400 SQUARE FEET (37 M²) or less in floor area excluding lofts, that is site built or classified as an approved *factory-built building* by the Arizona Department of Housing, Office of Manufactured Housing. Park Models or any units licensed as Recreational Vehicles (RVs) are not classified as tiny houses and are only permitted in Manufactured Home Parks or RV Parks, as specified in the adopted Planning and Zoning Ordinance.

- *"Townhouses"* means a single-family dwelling unit constructed in a group of three (3) or more attached units in which each unit extends from the foundation to roof and with open space on at least two (2) sides. Such are not more than three (3) stories above grade plane in height with a separate means of egress to each unit.

- *"Trailer (Park Model)"* means a park trailer built on a single chassis, mounted on wheels and designed to be connected to utilities necessary for operation of installed fixtures and appliances and has a gross trailer area of not less than three hundred twenty (320) square feet and not more than four hundred (400) square feet when it is set up, and manufactured to comply with ANSI A119.5 standards, except that it does not include recreation vehicles, travel trailers, campers or fifth wheel trailers.

- *"Valuation or Value"* means the total estimated cost to replace, repair, build, or erect any building and its building service equipment in kind, based on current construction costs.

- *"Yurt/Tent"* means a canvas structure erected for more than fourteen (14) days or that is rented, is required to meet all life safety requirements.

Section 7-2-102 – Applicability

7-2-102.1 - General

This Chapter and the technical codes shall apply to, and shall govern, permit applications received on or after the effective date of the ordinance, except the project owner, at their discretion and prior to April 1, 2026, may request such project be designed and constructed under the requirements of the administrative building code and building codes of the Town of Camp Verde in effect on April 1, 2019.

7-2-102.2 - Conflicting Provisions

When conflicting provisions or requirements occur between this Chapter, the technical codes and other codes or laws, the most restrictive provisions shall govern. When conflicts occur between the technical codes, those provisions providing the greater safety to life as

determined by the Building Official shall govern. In other conflicts where sanitation, life safety or fire safety are not involved, the most restrictive provisions shall govern. Where in any specific case, different sections of the technical codes specify different materials, methods of construction or other requirements, the most restrictive shall govern. When there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable.

7-2-102.3 - Other Laws

The provisions of this Chapter and the technical codes shall not be deemed to nullify any provisions of the Town of Camp Verde Code, state or federal laws.

7-2-102.4 - Application of References

References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this Chapter or the technical codes.

7-2-102.5 - Referenced Codes and Standards

The codes and standards referenced in this Chapter or the technical codes shall be considered part of the requirements of this Chapter and the technical codes to the prescribed extent of each such reference. Where differences occur between provisions of this Chapter or the technical codes and the referenced codes and standards, the provisions of this Chapter and the technical codes shall apply.

7-2-102.5.1 - Exception

Where enforcement of a code provision would violate the conditions of the listed equipment or appliance, the condition of the listing and manufacturer's instructions shall apply.

7-2-102.6 - International Codes References

Within the technical codes and the referenced codes and standards therein, specific references to the following International Code Council Codes shall be deemed and interpreted to mean the specific Town of Camp Verde codes as listed herein:

1. International Building Code (IBC)
2. International Energy Conservation Code (IECC)
3. International Existing Building Code (IEBC)
4. International Fire Code (IFC)

5. International Fuel Gas Code (IFGC)
6. International Mechanical Code (IMC)
7. National Electrical Code (NEC)
8. International Plumbing Code (IPC)
9. International Residential Code (IRC)
10. International Swimming Pool and Spa Code (ISPSC)

7-2-102.7 - Partial Invalidity

In the event any part or provision of this Chapter or the technical codes is held to be invalid, illegal, unconstitutional or void, such ruling shall not affect the validity of the remaining portions of this Chapter or the technical codes.

7-2-102.8 - Additions, Alterations and Repairs

Additions, alterations or repairs may be made to a building or its building service equipment without requiring the existing building or its building service equipment to comply with all the requirements of this Chapter and the technical codes, provided the addition, alteration or repair conforms to the requirements for a new building or building service equipment. Refer to Section 7-2-101.4.3, for additional options governing additions, alterations and repairs. Additions, alterations or repairs to any structure shall conform to the requirements for a new structure without requiring the existing structure to comply with all of the requirements of this code, unless otherwise stated. Additions, alterations or repairs shall not cause an existing structure to become unsafe or adversely affect the performance of the building.

7-2-102.9 - Existing Buildings or Structures

The legal occupancy of any building or structure existing on the date of the adoption of this Chapter shall be permitted to continue without change, provided such continued use is not dangerous to life, health and safety as determined by the Building Official.

7-2-102.10 - Maintenance

Buildings, structures and building service equipment, existing and new, and parts thereof shall be maintained in a safe and sanitary condition. Devices or safeguards, required by the technical codes, shall be maintained in conformance with the technical code under which installed. The owner or the owner's designated agent shall be responsible for the maintenance of building structures and their building service equipment. To determine compliance with this Section, the Building Official may cause a structure to be re-inspected.

7-2-102.11 - Moved Buildings

Buildings, structures and their building service equipment moved into or within this jurisdiction shall comply with the provisions of the technical codes for new buildings or structures and their building service equipment.

7-2-102.12 - Historic Buildings

Repairs, alterations and additions necessary for the preservation, restoration, rehabilitation or continued use of a building, structure, or its building service equipment may be made without conforming to the requirements of the technical codes when authorized by the Building Official provided:

- 1.The building or structure has been designated by official action of the legally constituted authority as having special historical or architectural significance, and
- 2.Unsafe conditions as described in this Chapter are corrected, and
- 3.The restored building or structure and its building service equipment will be no more hazardous based on life safety, fire-safety and sanitation than the existing building as determined by the Building Official.

7-2-102.12.1 - Exception

Repairs, alterations and additions necessary for the preservation, restoration, rehabilitation or continued use of a building, structure, or its building service equipment shall be permitted to comply with the provisions of the International Existing Building Code (IEBC).

Section 7-2-103 - Duties and Powers of Building Official

7-2-103.1 - General

There is hereby established a code enforcement agency of the Community Development Department of the Town of Camp Verde known as the Building Division under the administrative and operational charge of the Building Official.

7-2-103.2 - Duties and Powers

The Building Official is hereby authorized and directed to enforce the provisions of this Chapter and technical codes. The Building Official shall have the authority to render interpretations of this Chapter and the technical codes and to adopt policies and procedures in order to clarify the application of their provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this Chapter and the technical codes. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this Chapter or the technical codes.

7-2-103.2.1 – Listed Compliance

Where this code or a referenced standard requires equipment, materials, products or services to be listed and a listing standard is specified, the listing shall be based on the specified standard. Where a listing standard is not specified, the listing shall be based on an approved listing criteria. Listings shall be germane to the provision requiring the listing. Installation shall be in accordance with the listing and the manufacturer's instructions, and where required to verify compliance, the listing standard and manufacturer's instructions shall be made available to the Building Official.

7-2-103.3 - Deputies

In accordance with any applicable Town procedures, and with the concurrence of the **Development Services Director**, the Building Official shall have the authority to appoint technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the Building Official.

7-2-103.4 - Applications and Permits

The Building Official shall receive applications, review construction documents and issue permits for the erection, and alteration, demolition and moving of buildings, structures, and building service equipment, inspect the premises where such permits have been issued and enforce compliance with the provisions of this Chapter and the technical codes.

7-2-103.5 - Notices and Orders

The Building Official shall issue all necessary notices or orders to ensure compliance with this Chapter and the technical codes.

7-2-103.6 - Inspections

The Building Official shall make all of the required inspections, or the Building Official shall have the authority to accept reports of inspection by approved agencies or individuals. Reports of such inspections shall be in writing and be certified by a responsible officer of such approved agency or by the responsible individual. The Building Official is authorized to engage such expert opinion as deemed necessary to report upon unusual technical issues that arise subject to the approval of the appointing authority.

7-2-103.7 - Identification

The Building Official and authorized deputies shall carry proper identification when inspecting structures or premises or otherwise in the performance of duties under this Chapter or the technical codes.

7-2-103.8 - Right of Entry

Where it is necessary to make an inspection to enforce the provisions of this Chapter or the technical codes, or where the Building Official has reasonable cause to believe there exists in a structure or upon a premises a condition which is contrary to or in violation of this Chapter or the technical codes which makes the structure or premises unsafe, dangerous or hazardous, the Building Official is authorized to enter the structure or premises at **all** reasonable times to inspect or to perform the duties imposed by this Chapter or the technical codes, provided that if such structure or premises be occupied that credentials be presented to the occupant and entry requested. If such structure or premises is unoccupied, the Building Official shall first make a reasonable effort to locate the owner, **the owner's authorized agent** or other person having charge or control of the structure or premises and request entry. If entry is refused, the Building Official shall have recourse to **every** remedy provided by law to secure entry.

7-2-103.8.1 – Warrant is hereby added as a new section to read as follows:

7-2-103.8.1 – Warrant

Where the building official has first obtained a proper inspection warrant per Section 7-7-13 of this code or other remedy provided by law to secure entry, an owner, the owner's authorized agent, occupant or person having charge, care or control of the structure or premises shall not fail or neglect, after a proper request is made as herein provided, to permit entry therein by the building official for the purposes of inspection and examination pursuant to this Chapter or the technical codes.

7-2-103.9 - Department Records

The Building Official shall keep official records of applications received, approved plans, permits and certificates issued, fees collected, reports of inspections, and notices and orders issued. Such records shall be retained in the official records for the period required for retention by state or local law or ordinances.

7-2-103.10 - Liability

The Building Official, members of the board of appeals or any employee charged with the enforcement this Chapter or technical codes, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by this chapter, technical codes or other pertinent law or ordinance, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties. Any suit instituted against an officer or employee in the lawful discharge of duties and under the provisions of this Chapter or technical codes shall be defended by a legal representative of the jurisdiction until the final termination of the proceedings. The Building Official or any

subordinate shall not be liable for cost in any action; suit or proceeding that is instituted in pursuance of the provisions of this Chapter or technical codes.

7-2-103.11 - Approved Materials and Equipment

Materials, equipment and devices approved by the Building Official shall be constructed and installed in accordance with such approval.

7-2-103.11.1 - Used Materials and Equipment

The use of used materials meeting the requirements of this Chapter or the technical codes for new materials is permitted. Used materials, equipment and devices shall not be reused unless approved by the Building Official.

7-2-103.12 - Modifications

Wherever there are practical difficulties involved in carrying out the provisions of this Chapter or the technical codes, the Building Official shall have the authority to grant modifications for individual cases, upon application of the owner or owner's representative, provided the Building Official shall first find that **one or more** special individual reason makes the strict letter of these codes impractical and the modification is in compliance with the intent and purpose of this Chapter and the technical codes and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of **the written request for and** action granting modifications shall be recorded and entered in the files of the Building Division.

7-2-103.12.1 - Flood Hazard Areas is hereby deleted in its entirety and rewritten as follows:

7-2-103.12.1 Flood Hazard Areas. All provisions and references within the technical codes, as adopted by the Town of Camp Verde, that pertain to flood hazard areas, flooding, flood control projects, or flood-resistant construction shall be administered, controlled, and regulated by the Yavapai County Flood Control District, in accordance with Resolution 88-42.

7-2-103.13 - Alternative Materials, Design and Methods of Construction and Equipment

The provisions of this Chapter and the technical codes are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this Chapter or the technical codes, provided any such alternative is approved by the Building Official, **and is not strictly prohibited by this code**. An alternative material, design or method of construction may be approved where the Building Official finds the proposed design is satisfactory and complies with the intent of the provisions of this Chapter and the technical codes, and the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this Chapter and the technical codes in quality, strength, effectiveness, fire resistance, durability and safety. Records of alternative

materials, design and methods of construction approvals shall be recorded and entered in the files of the Building Division.

7-2-103.13.1 - Research Reports is hereby amended to read as follows:

Supporting data, where deemed necessary to assist in the approval of materials or assemblies not specifically provided for in this Chapter or the technical codes, shall be provided and shall consist of valid research reports from approved sources.

7-2-103.13.2 - Evaluation Reports is hereby added as a new section to read as follows:

7-2-103.13.2 - Evaluation Reports

Evaluation reports shall be issued by an approved agency and use of the evaluation report shall require approval by the building official for the installation. The alternate material, design or method of construction and product evaluated shall be within the scope of the building official's recognition of the approved agency. Criteria used for the evaluation shall be identified within the report and, where required, provided to the building official.

7-2-103.13.3 - Other Reports is hereby added as a new section to read as follows:

7-2-103.13.3 - Other Reports

Reports not complying with 7-2-103.13.2 shall describe criteria, including but not limited to any referenced testing or analysis, used to determine compliance with code intent and justify code equivalence. The report shall be prepared by a qualified engineer, specialist, laboratory or specialty organization acceptable to the building official. The building official is authorized to require design submittals to be prepared by, and bear the stamp of, a registered design professional.

7-2-103.13.4 - Peer Review is hereby added as a new section to read as follows:

7-2-103.13.4 - Peer Review

The building official is authorized to require submittal of a peer review report in conjunction with a request to use an alternative material, design or method of construction, prepared by a peer reviewer that is approved by the building official.

7-2-103.13.5 - Technical Assistance is hereby added as a new section to read as follows:

7-2-103.13.5 - Technical Assistance

To determine compliance with this code, the building official is authorized to require the owner or owner's authorized agent to provide a technical opinion and report at the owner's expense. The technical opinion and report shall be prepared by a qualified engineer,

specialist, laboratory or specialty organization acceptable to the building official. The building official is authorized to require design submittals to be prepared by, and bear the stamp of, a registered design professional. The technical opinion and report shall analyze the properties of the design, operation or use of the building or premises and the facilities and appurtenances situated thereon to identify and propose necessary recommendations.

7-2-103.13.6 – Tests is hereby amended to read as follows:

7-2-103.13.6 - Tests

Whenever there is insufficient evidence of compliance with the provisions of this Chapter or the technical codes, or evidence a material or method does not conform to the requirements of this Chapter or the technical codes, or in order to substantiate claims for alternative materials or methods, the Building Official shall have the authority to require tests as evidence of compliance to be made at no expense to the Town. Test methods shall be as specified in this Chapter or the technical codes or by other recognized test standards. **Tests conducted to demonstrate equivalency in support of an alternative material, design or method of construction application or to determine equivalent fire safety in support of an alternative material, design or method of construction application shall be of a scale that is sufficient to predict performance of the end use configuration. Tests shall be performed by a party acceptable to the building official.** In the absence of recognized and accepted test methods, the Building Official may approve the testing procedures. Tests shall be performed by an approved agency. The Building Official for the period required in Section 7-2-103.9 of this Chapter shall retain reports of such tests.

7-2-103.14 - Stop Work Orders

Whenever the Building Official finds any work regulated by this Chapter or the technical codes being performed in a manner either contrary to the provisions of this Chapter or the technical codes or dangerous or unsafe, the Building Official is authorized to issue a stop work order.

7-2-103.14.1 - Issuance

The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.

7-2-103.14.2 - Unlawful Continuance

Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by this Chapter and the law.

7-2-103.14.3 - Appeals

Any person aggrieved by a stop work order issued by the Building Official may appeal such stop work order to the appropriate technical codes Board of Appeals in accordance with the requirements of this Chapter.

7-2-103.15 - Occupancy Violations

When a building or structure or building service equipment therein regulated by this Chapter and the technical codes is being used contrary to the provisions of such codes, the Building Official may order such use discontinued by written notice served on any person causing such use to be discontinued. Such person shall, after receipt of notice, discontinue the use within the time prescribed by the Building Official and make the building, structure, or portion thereof, comply with the requirements of such codes.

7-2-103.16 - Authority to Disconnect Utilities

The Building Official shall have the authority to authorize disconnection of a utility service or energy supplied to the building, structure or building service equipment therein regulated by this Chapter or the technical codes in case of emergency where necessary to eliminate an immediate hazard to life or property or when such utility connection has been made without the approval required by Section 7-2-103.16.1 or 7-2-103.16.2. The Building Official shall notify the serving utility, and wherever possible the owner and occupant of the building, structure or building service equipment of the decision to disconnect prior to taking such action, and shall notify such serving utility, owner and occupant of the building, structure or building service equipment, in writing, of such disconnection immediately or as soon as practical thereafter.

7-2-103.16.1 - Connection of Service Utilities

No person shall make connections from a utility, source of energy, fuel, power, **water or sewer system** to any building or system that is regulated by this Chapter or the technical codes for which a permit is required, until released by the Building Official.

7-2-103.16.2 - Temporary Connection

The Building Official shall have the authority to authorize the temporary connection of the building or system to the utility source of energy, fuel, power, **water or sewer system for the purpose of testing systems for use under a temporary approval.**

7-2-103.17 - Authority to Condemn Building Service Equipment

When the Building Official determines that building service equipment regulated in the technical codes has become hazardous to life, health or property, or has become unsanitary, the Building Official shall order in writing that such equipment either be removed or restored

to a safe or sanitary condition, as appropriate. The written notice shall fix a time limit for compliance with such order. Defective building service equipment shall not be used, operated or maintained after receiving such notice.

7-2-103.17.1 - Notice to Disconnect Condemned Building Service Equipment

When such equipment or installation is to be disconnected, a written notice of such disconnection and causes therefore shall be given within 24 hours to the serving utility, the owner and occupant of such building, structure or premises, unless an emergency exist under Section 7-2-103.16 of this chapter.

7-2-103.17.2 - Condemned Building Service Equipment Violation

When any building service equipment is used, operated or maintained in violation of the technical codes and in violation of a notice issued pursuant to the provisions of this Section, the individual or individuals responsible for continued use, operation or maintenance shall be subject to the penalties described in this Chapter and the Building Official shall institute appropriate action to prevent, restrain, correct or abate the violation.

7-2-103.18 - Connection After Order to Disconnect

Persons shall not make connections from an energy, fuel or power supply nor supply energy or fuel to building service equipment that has been disconnected or ordered to be disconnected or the use has been ordered to be discontinued by the Building Official until the Building Official authorizes the reconnection and use of such equipment.

Section 7-2-104 - Permits

7-2-104.1 - Required

Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical or plumbing system, the installation of which is regulated by this Chapter or the technical codes, or to cause such work to be done, shall first make application to the Building Official and obtain the required permit or permits.

7-2-104.1.1 - Exceptions

1. Federal developments on Federal owned land.
2. Any construction or improvement outside the Town boundaries, or beyond the jurisdictional authority of the Town of Camp Verde.
3. Annual permit holder.

4.Pursuant to ARS §11-865: Construction or operation incidental to construction and repair to irrigation and drainage ditches or appurtenances thereto, of regularly constituted districts or reclamation districts, or to farming, dairying, agriculture, viticulture, horticulture or stock or poultry raising, or clearing or other work upon land in rural areas for fire prevention purposes.

5.Pursuant to ARS §11-865: Devices used in manufacturing, processing or fabricating normally considered as involved in industry and construction of non-manned structures for the operation and maintenance of electric, gas or other public utility systems operated by public service corporations operating under a franchise or certificate of convenience and necessity.

7-2-104.2 - Annual Permits

In lieu of an individual permit for each alteration to an already approved electrical, gas, mechanical or plumbing installation, the Building Official is authorized to issue an annual permit upon application therefore to any person, firm or corporation regularly employing one or more qualified tradespersons in the building, structure or on the premises owned or operated by the applicant for permit.

7-2-104.2.1 - Qualified Tradesperson

An individual that holds one (1) or more licenses from a nationally recognized agency in the trade that work is to be performed.

7-2-104.2.2 - Annual Permit Records

The person to whom an annual permit is issued shall keep a detailed record of alterations made under such annual permit. The building official shall have access to such records at all times or such records shall be filed with the building official as designated.

7-2-104.3 - Work Exempt from Permit

Exemptions from permit requirements of this Chapter shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this Chapter or the technical codes or any other laws or ordinances of the Town.

7-2-104.3.1 - International Building Code (IBC) Permits is hereby amended as follows:

7-2-104.3.1 - International Building Code (IBC) Permits

A building permit shall not be required for the following:

1.One-story detached accessory structures ancillary to commercial buildings used as tool and storage sheds, and similar uses, provided the floor area does not exceed 120 square feet (11 m²).

2. Fences, other than swimming pool barriers, not over 7 feet (2134 mm) high.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.
5. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18925 L) and the ratio of height to diameter or width is not greater than 2:1.
6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade and not over any basement or story below and are not part of an accessible route.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18925 L) and are installed entirely above ground. (Note: a permit is required for the required pool barriers.)
10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. Swings and other playground equipment accessory to detached one- and two-family dwellings.
12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall projecting not more than 54 inches (1372 mm) from the exterior wall, no closer than 3 feet from a property line, and do not require additional support.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.

7-2-104.3.2 - International Energy Conservation Code (IECC) Permits

Except as specified in the International Energy Conservation Code (IECC), this code shall not be used to require the removal, alteration or abandonment of, nor prevent the continued use and maintenance of, an existing building or building system lawfully in existence at the time of adoption of this code. Any building or structure that is listed in the State or National Register of Historic Places; designated as a historic property under local or state designation law or survey; certified as a contributing resource with a National Register listed or locally designated historic district; or with an opinion or certification that the property is eligible to be listed on the National or State Registers of Historic Places either individually or as a

contributing building to a historic district by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places, are exempt from this code. Additions, alterations, renovations or repairs to an existing building, building system or portion thereof shall conform to the provisions of this code as they relate to new construction without requiring the unaltered portion(s) of the existing building or building system to comply with this code. Additions, alterations, renovations or repairs shall not create an unsafe or hazardous condition or overload existing building systems. An addition shall be deemed to comply with the code if the addition alone complies or the existing building and addition comply with this code as a single building.

7-2-104.3.2.1 - Exceptions

The following work need not comply provided the energy use of the building is not increased:

- 1.Storm windows installed over existing fenestration.
- 2.Glass only replacements in an existing sash and frame.
- 3.Existing ceiling, wall or floor cavities exposed during construction provided that these cavities are filled with insulation.
- 4.Construction where the existing roof, wall or floor cavity is not exposed.
- 5.Reroofing for roofs where neither the sheathing nor the insulation is exposed. Roofs without insulation in the cavity and where the sheathing or insulation is exposed during reroofing shall be insulated either above or below the sheathing.
- 6.Replacement of existing doors that separate conditioned space from the exterior shall not require the installation of a vestibule or revolving door, provided, however, than an existing vestibule that separates a conditioned space from the exterior shall not be removed.
- 7.Alterations that replace less than fifty (50) percent of the luminaires in a space, provided that such alterations do not increase the installed interior lighting power.
- 8.Alterations that replace only the bulb and ballast within the existing luminaires in a space provided that the alteration does not increase the installed interior lighting power.
- 9.Spaces undergoing a change in occupancy that would result in an increase in demand for either fossil fuel or electrical energy shall comply with this code. Where the use in a space changes from one use in International Energy Conservation Code (IECC) Table C405.5.2(1) or (2) to another use in Table C405.5.2(1) or (2), the installed lighting wattage shall comply with Section C405.5.

7-2-104.3.3 - International Fuel Gas Code (IFGC) Permits

A fuel gas permit shall not be required for the following:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

7-2-104.3.4 - International Mechanical Code (IMC) Permits

A mechanical permit shall not be required for the following:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by the International Mechanical Code (IMC).
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (5 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.

7-2-104.3.5 - National Electrical Code (NEC) Permits

An electrical permit shall not be required for the following:

1. Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
2. The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
3. Listed cord-and-plug connected temporary decorative lighting.

4.A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

5.Low-energy power, control and signal circuits of Class II and Class III as defined in the National Electrical Code (NEC) not installed in hazardous locations, as defined in Article 500. Installation, alteration or repair of electrical wiring, apparatus or equipment or the generation, transmission, distribution or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of its function as a serving utility.

6.Installation of an approved temporary metered power outlet that has been supplied and installed by an electric utility. (FPN): a temporary metered power outlet is a device, designed to be installed in the electric utility meter socket that provides metered electrical power to receptacles mounted on or in the device, for the purpose of providing temporary construction power to a residential building. Such devices may not energize the meter socket, lugs or equipment on the customer's side of the meter socket. The temporary metered power outlet shall be an approved device with an AIC rating higher than the available fault current provided at the meter. Such devices may be installed on residential buildings when a valid building permit has been issued, provided that the structural integrity and weather resistive barrier is maintained at the panel location, or the installation is detailed on the approved building plans. This exemption from permitting does not prohibit or limit the authority having jurisdiction from directing the electric utility to disconnect the temporary metered power outlet.

7.Reinstallation of attachment plug receptacles but not the outlets therefor.

8.Replacement of branch circuit overcurrent devices of the required capacity in the same location.

9.Electrical wiring, devices, appliances, apparatus or equipment operating at less than twenty-five (25) volts and not capable of supplying more than fifty (50) watts of energy.

7-2-104.3.6 - International Plumbing Code (IPC) Permits

A plumbing permit shall not be required for the following:

1.Stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.

2.The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

7-2-104.3.7 - International Residential Code (IRC) Permits

Permits shall not be required for the following.

Building:

1. **Other than storm shelters**, One-story detached accessory structures, provided the floor area does not exceed 200 square feet (18.58 m²).
2. Fences not over 7 feet (2134 mm) high.
3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks, supported directly upon grade in the capacity does not exceed 5,000 gallons (18927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment accessory to detached one- and two-family dwellings.
9. Window awnings supported by an exterior wall projecting not more than 54 inches (1372 mm) from the exterior wall, no closer than 3 feet from a property line, and do not require additional support.
10. Decks not exceeding 200 square feet (18.58 m²) in area, that are not more than 30 inches (762 mm) above grade at any point, are not attached to a dwelling **or townhouse** and do not serve the exit door required by the International Residential Code (IRC) Section R318.4.
11. Re-roofing or replacement of roof covering materials on one- and two-family dwelling units, provided the replacement roof covering material is a like for like exchange, no sheathing is replaced, and the replacement roofing material does not increase the loads imposed along the roof structural frame.

Electrical:

1. **Listed cord-and-plug connected temporary decorative lighting.**
2. **Reinstallation of attachment plug receptacles but not the outlets therefor.**
3. **Replacement of branch circuit overcurrent devices of the required capacity in the same location.**

4. Electrical wiring, devices, *appliances*, apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor *repair* work, including the replacement of lamps or the connection of *approved* portable electrical equipment to *approved* permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying *appliances*.
2. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
3. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating *appliances*.
2. Portable ventilation *appliances*.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling *equipment* regulated by this code.
5. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a *permit* shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

7-2-104.4 - Emergency Repairs

Where equipment replacements and repairs requiring a permit must be performed in an emergency situation, the permit application shall be submitted within the next working business day to the Building Official.

7-2-104.5 - Ordinary Repairs

Application or notice to the Building Official is not required for ordinary repairs to structures; replacement of lamps or the connection of approved portable electrical equipment to approve permanently installed receptacles. Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electrical wiring or mechanical or other work affecting public health or general safety.

7-2-104.6 - Public Service Agencies

A permit shall not be required for the installation, alteration or repair of generation, transmission, distribution or metering or other related equipment under the ownership and control of public service agencies by established right. Nothing in this Section shall be construed to exempt any electrical installation used for lighting, power, heating, ventilation, elevators pumping or for other building or premise operations, nor exempt any service equipment for electrical service to a building or premise.

7-2-104.7 is hereby renumbered as 7-2-104.7.1. **7-2-104.7** has been rewritten as a new section to read as follows:

7-2-104.7 Temporary Structures, Equipment and Systems

The building official is authorized to issue a permit for temporary structures, equipment or systems, as permitted by this chapter and the technical codes.

7-2-104.7.1 - Temporary Service Utilities

The Building Official is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the technical codes.

7-2-104.7.2 - Termination of Approval is hereby added as a new section and shall read as follows:

7-2-104.7.2 - Termination of Approval

The building official is authorized to terminate such permit for a temporary structure, equipment or system and to order the same to be discontinued.

7-2-104.8 - Application for Permit

To obtain a permit, an applicant shall first file an application in writing on a form furnished by the Building Division of the Community Development Department for that purpose. Such application, as a minimum, shall contain the following:

1. Identify and describe the work to be covered by the permit for which the application is made.
2. Describe the land where the proposed work is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building or work.
3. Indicate the use and occupancy for which the proposed work is intended.
4. Be accompanied by construction documents and other information as required in this Section.
5. State the valuation of the proposed work.
6. Be signed by the applicant, or the applicant's authorized agent.
7. Give such other data and information as required by the Building Official.

7-2-104.9 - Action on Application

The Building Official shall examine or cause to be examined applications for permits, related documents, and amendments thereto within a reasonable time after filing. If the application or the construction documents do not conform to the requirements of pertinent laws, the Building Official shall reject such application in writing, stating the reasons therefor. If the Building Official is satisfied that the proposed work conforms to the requirements of this Chapter, the technical codes and applicable laws and ordinances thereto, the Building Official shall issue a permit therefor as soon as practicable, subject only to the payment of appropriate fees.

7-2-104.10 - Time Limitation of Application

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

7-2-104.10.1 - Exception

Within ninety (90) days of the date of application expiration and for those applications with a ready to issue status prior to the 360-day expiration date, the applicant shall resubmit plans and pay fifty (50) percent of the current permit fees.

7-2-104.11 - Validity of Permit

The issuance or granting of a permit shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this Chapter, the technical codes or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this Chapter, the technical codes or other ordinances of the jurisdiction shall not be valid. The issuance of a permit based on construction documents and other data shall not prevent the Building Official from requiring the correction of errors in the construction documents, other data, or in the actual construction. The Building Official is also authorized to prevent occupancy or use of a structure where in violation of this Chapter, the technical codes or of any other ordinances of this jurisdiction. Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents.

7-2-104.12 - Expiration of Permit

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within one hundred eighty (180) days after its issuance, or if the work authorized on the site by such permit is suspended or declared abandoned by the owner for a period of 180 days after the date the work is commenced, or if the Building Official declares the permit suspended or abandoned after the expiration of 180 days from the date of permit issuance. The Building Official is authorized to grant a one-time extension of one hundred eighty (180) days in accordance with Sections 7-2-104.13.1 and 7-2-104.13.2.

7-2-104.13.1 - Work Not Commenced

Every permit issued under the provision of this Chapter and the technical code shall be valid for a period of one year from the date of issuance provided, however, that any permit shall expire if work authorized by such permit is not commenced and an approved inspection obtained within one hundred eighty (180) days from the date of issuance. An approved inspection shall be an inspection that is requested and approved pursuant to Section 7-2-106.6. Before work can be commenced on a structure for which the permit has expired, a new permit shall be obtained and the fee therefore shall be based on the total valuation of the structure.

7-2-104.13.1.2 - Exception

Where no work has commenced within one hundred eighty (180) days from the date of issuance, the permit may be reinstated, without a fee upon a written or verbal request from the owner or owner's agent, provided work commences and an approved inspection is obtained within one year of the original date of issuance.

7-2-104.13.2 - Work Commenced

Every permit issued under the provisions of this code shall be valid for a period of one year from the date of issuance, provided, however, that any permit shall expire one hundred eighty (180) days after the last approved inspection. An approved inspection shall be an inspection that is requested and approved pursuant to Section 7-2-106.6. Before work can be continued or resumed on a structure for which the permit has expired, a new permit shall be obtained and the fee thereof shall be determined by the Building Official on the basis of the valuation of the uncompleted portion of the work from the last approved inspection.

7-2-104.13.2.1 - Exceptions

1.A permit shall not expire if the time between approved inspections does not exceed one hundred eighty (180) days.

2.If an approved inspection is not obtained within one hundred eighty (180) days of the last approved inspection, the permit may be reinstated once, without a fee upon written or verbal request from the owner or owner's agent provided that no substantial changes have been made in the original plans and specifications for such work and provided further that an approved inspection is obtained within one year of the last approved inspection and the technical codes have not been updated.

7-2-104.14 - Unfinished Buildings or Structures

Whenever work has commenced on a building or structure for which a permit has been issued, and said permit has expired pursuant to 7-2-104.12, the owner of the property upon which structure is located, or other person or agent in control of said property, upon receipt of notice in writing from the Department, shall within thirty (30) days from the date of such written notice, obtain a new permit to complete the work and diligently pursue the work to completion, or within said thirty (30) days, obtain a demolition permit and shall remove or demolish the building or structure within one hundred twenty (120) days from the date of written notice. Notwithstanding the provisions of Section 7-2-104.8 and this Section, whenever work on any building, structure, addition, alteration, appendage or repair has commenced, the exterior walls and roof shall be completed in accordance with the approved plans including but not limited to roofing, fenestration and finish materials including paint, within two (2) years of commencing construction. In the absence of evidence to the contrary, the date of the first inspection request shall establish the date that construction commenced. The provisions of this Section shall apply to all permits issued on and after the effective date

of this ordinance and permits issued or reinstated pursuant to Section 7-2-104.8. Such building, structure, addition, alteration, appendage or repair not in compliance with this Section is subject to the enforcement and abatement procedures of Section 7-2-109.

7-2-104.15 - Suspension or Revocation

The Building Official is authorized to suspend or revoke a permit issued under the provisions of this Chapter wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance, regulation or any of the provisions of this Chapter, the technical codes or of other ordinances of this jurisdiction.

7-2-104.16 - Placement of Permit

The building permit or copy thereof shall be kept on the site of the work until the completion of the project. The issued inspection card shall be conspicuously posted on site.

Section 7-2-105 - Construction Documents

7-2-105.1 - Submittal Documents

Submittal documents consisting of construction documents, plans, specifications, engineering calculations, diagrams, soil investigation, geotechnical reports, special inspections and structural observation programs and other data, as required by the Building Official, shall be submitted **digitally** with each application. The construction documents shall be prepared by a registered design professional where required by Arizona State law and Section 7-2-105.3. Where special conditions exist, the Building Official is authorized to require additional construction documents to be prepared by a registered design professional.

7-2-105.1.1 - Exception

The Building Official is authorized to waive the submission of construction documents and other data not required to be prepared by a design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this Chapter, the technical codes and other ordinances of the Town.

7-2-105.1.2 - Information on Construction Documents

Construction documents shall be in accordance with this Section. Construction documents shall be dimensioned and drawn upon suitable material **for digital submission**. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this Chapter, the technical codes and relevant laws, ordinances, rules and regulations as determined by the Building Official.

7-2-105.1.3 - Screening

Submittal construction documents, permit application, and other data may be subject to screening by the Building Official for completeness and code compliance prior to being accepted for permit review. Incomplete application submittals or application submittals containing readily apparent code violations shall be returned to the applicant without being accepted unless otherwise directed by the Building Official.

7-2-105.1.4 - Title Sheet Information

The construction documents shall contain a title sheet or title sheets indicating the name, address and phone numbers of design professionals. The title sheet shall also contain information regarding the Code review as performed by the design professional, including the size of the building, type of construction, occupancy classification(s), area and height modifications (if any), fire sprinklers (if any), required special inspection (if any), deferred submittals (if any) and any other information as directed by the Building Official. The Building Official is authorized to waive or modify the requirement for a title sheet when the application for permit is for alteration or repair or when otherwise warranted.

7-2-105.1.5 - Site Plan

The construction documents submitted with the application for permit shall be accompanied by a site plan showing to scale the size and location of new construction and existing structures on the site, distances from lot lines, the established street grades and proposed finished grades and, as applicable, flood hazard areas, floodways, and design flood elevations; and it shall be drawn in accordance with an accurate boundary line survey. In the case of demolition, the site plan shall show construction to be demolished and the location and size of existing structures and construction that are to remain on the site or plot. The Building Official is authorized to waive or modify the requirement for a site plan when the application for permit is for alteration or repair or when otherwise warranted.

7-2-105.1.5.1 - Design Flood Elevations is here by deleted in its entirety. See 7-2-103.12.1.

7-2-105.1.5.2 Fire Protection System Shop Drawings is hereby added as a new section and shall read as follows:

7-2-105.1.5.2 Fire Protection System Shop Drawings

Shop drawings for fire protection systems required by this Chapter, the technical codes, or the Fire District, shall be submitted to indicate conformance to the technical codes, as adopted. Construction documents shall be approved prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards of the applicable technical code(s) for the project submitted.

7-2-105.1.6 - Means of Egress

The construction documents shall show in sufficient detail the location, construction, size and character of all portions of the means of egress including the path of the exit discharge to the public way in compliance with the provisions of the technical codes. In other than occupancies in Groups R-2, R-3, and I-1 as applicable in Section 7-2-101.4.9, the construction documents shall designate the number of occupants to be accommodated on every floor, and in all rooms and spaces. The Building Official is authorized to waive or modify the requirement for a means of egress plan when the application for permit is for alteration or repair or when otherwise warranted.

7-2-105.1.7 - Exterior Wall Envelope

Construction documents for all buildings shall describe the exterior wall **assembly** in sufficient detail to determine compliance with the technical codes. The construction documents shall provide details of the exterior wall **assembly** as required, including flashing, intersections with dissimilar materials, corners, end details, control joints, intersections at roofs, eaves or parapets, means of drainage, water-resistive membrane and details around openings. The construction documents shall include manufacturer's installation instructions that provide supporting documentation that the proposed penetration and opening details described in the construction documents maintain the weather resistance of the exterior wall **assembly**. The supporting documentation shall fully describe the exterior wall **assembly**, which was tested, where applicable, as well as the test procedure used. The Building Official is authorized to waive or modify the requirement for an exterior wall **assembly** plan when the application for permit is for alteration or repair or when otherwise warranted.

7-2-105.1.8 – Exterior Balconies and Elevated Walking Surfaces is hereby added as a new section and shall read as follows:

7-2-105.1.8 – Exterior Balconies and Elevated Walking Surfaces

Where balconies or other elevated walking surfaces have weather-exposed surfaces, and the structural framing is protected by an impervious moisture barrier, the construction documents shall include details for all elements of the impervious moisture barrier system. The construction documents shall include manufacturer's installation instructions.

7-2-105.2 - Examination of Documents

The Building Official shall examine or cause to be examined the permit application and accompanying construction documents and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this Chapter, the technical codes and other pertinent laws or ordinances.

7-2-105.2.1 – Technical Assistance is hereby added as a new section and shall read as follows:

7-2-105.2.1 – Technical Assistance

To determine compliance with this code, the *building official* is authorized to require the *owner* or *owner's* authorized agent to provide a technical opinion and report at the owner's expense.

The technical opinion and report shall be prepared by a qualified engineer, specialist, laboratory or specialty organization acceptable to the *building official*. The *building official* is authorized to require design submittals to be prepared by, and bear the stamp of, a *registered design professional*.

The technical opinion and report shall analyze the properties of the design, operation or use of the *building* or premises and the *facilities* and appurtenances situated thereon to identify and propose necessary recommendations.

7-2-105.2.2 - Approval of Construction Documents

When the Building Official issues a permit, the construction documents shall be approved, in writing or by stamp, as "Reviewed for Code Compliance." The Building Official as required by the approved Building Division retention schedule shall retain one set of construction documents so reviewed. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the Building Official or a duly authorized representative. When the submittal documents are produced electronically, the applicant shall provide an electronic copy of all drawings on compact disk or other media approved by the Building Official.

7-2-105.2.3 - Previous Approvals

This Chapter and the technical codes shall not require changes in the construction documents, construction or designated occupancy of a structure for which a lawful permit has been heretofore issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith and has not been abandoned pursuant to Section 7-2-104.10.

7-2-105.2.4 - Phased Approval

The Building Official is authorized to issue a permit for the construction of foundations, or other parts of a building or structure before the construction documents for the whole building or structure have been submitted, provided that adequate information and detailed statements have been filed complying with pertinent requirements of this Chapter and the technical codes. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure will be granted.

7-2-105.2.4.1 - Exception

Phased construction approvals are not applicable for Group R-2, R-3 and R-4 occupancies and detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories high.

7-2-105.3 - Design Professional in Responsible Charge

When it is required that permit submittal documents be prepared by a registered design professional, the Building Official shall be authorized to require the owner to engage and designate on the building permit application a registered design professional who shall act as the registered design professional in responsible charge. If the circumstances require, the owner shall designate a substitute registered design professional in responsible charge who shall perform the duties required of the original registered design professional in responsible charge. The Building Official shall be notified in writing by the owner if the registered design professional in responsible charge is changed or is unable to continue to perform the duties. The registered design professional in responsible charge shall be responsible for reviewing and coordinating submittal documents prepared by others, including phased and deferred submittal items, for compatibility with the design of the building.

7-2-105.3.1 - Special Inspections and Structural Observations

Where application is made for construction as described in the International Building Code (IBC) Section 1704, the owner or the registered design professional in responsible charge acting as the owner's agent shall employ one or more approved agencies to perform inspections during construction on the types of work listed under International Building Code (IBC) Section 1705. Prior to the commencement of structural observations or special inspections, the Building Official shall be notified in writing by the owner or design professional in responsible charge with the name of the individual or firms who are to perform structural observations and special inspections and describe the stages of construction where the structural observations and special inspections are to occur.

7-2-105.3.2 - Deferred Submittals

For the purposes of this Section, deferred submittals are defined as those portions of the design that are not submitted at the time of the application and that are to be submitted to the Building Official within a specified period, before completion of the project, and before a Certificate of Occupancy is issued. Deferral of any submittal items shall have the prior approval of the Building Official. The registered design professional in responsible charge shall list the deferred submittals on the title sheet of the construction documents for review by the Building Official. Deferred submittal items shown on the construction documents shall be clearly noted as "For Reference Only". Deferred submittals do not constitute phased approval of the construction. Documents for deferred submittal items shall be submitted to the registered design professional in responsible charge, who shall review them and forward them to the Building Official with a notation indicating the deferred submittal documents

have been reviewed and been found to be in general conformance to the design of the building. The deferred submittal items shall not be installed until the deferred submittal documents have been approved by the Building Official.

7-2-105.4 - Amended Construction Documents (Revisions)

Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents.

7-2-105.5 - Responsibility

It shall be the duty of every person who performs work for the installation or repair of building, structure, electrical, gas, mechanical, plumbing, or fire-suppression systems, for which this Chapter or the technical codes are applicable, to comply with this Chapter and the technical codes.

7-2-105.6 - Retention of Construction Documents

One set of approved construction documents shall be retained by the Building Official for a period of time as prescribed by state or local laws and one set of approved construction documents shall be returned to the applicant, and said set shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress.

Section 7-2-106 - Inspections

7-2-106.1 - General

Construction or work for which a permit is required shall be subject to inspection by the Building Official, **approved deputies, agencies, or third-parties**, and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this Chapter, the technical codes or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this Chapter or the technical codes or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the Building Official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

7-2-106.2 - Site Identification

It shall be the duty of the permit holder to provide an approved property address, including number and street name, at all construction sites. Such temporary premises identification shall be clearly visible from the street or roadway fronting the property, shall be installed

prior to the first inspection, and shall be maintained until the permanent premises identification is installed and approved.

7-2-106.3 - Inspection Record Card

Work requiring a permit shall not commence until the permit holder or an agent of the permit holder has posted or otherwise made available the inspection record card to allow the Building Official or authorized agent to conveniently make the required entries thereon regarding inspections of the work. The permit holder shall maintain the card available until final approval, by the Building Official, has been granted.

7-2-106.4 - Preliminary Inspections

Before issuing a permit, the Building Official is authorized to examine or cause to be examined buildings, structures or sites for which an application has been filed.

7-2-106.5 - Special Inspections

When special inspection is required by the International Building Code (IBC) Sections 1704 and 1705 or as determined by the Building Official, the owner, an agent of the owner, or the engineer or registered design professional in responsible charge, but not the contractor or any other person responsible for the work, shall employ one or more special inspector(s) who shall provide inspections during construction on the type of work listed under International Building Code (IBC) Sections 1704 and 1705 of the building code or as determined by the Building Official. When special inspections are required, the special inspections are to be performed in addition to, not in lieu of, the inspections conducted by the Building Official, and shall not be construed to relieve the owner or his authorized agent from requesting the periodic and called inspections required by this Chapter and the technical codes.

7-2-106.5.1 - Special Inspector

In accordance with the International Building Code (IBC) Sections 1704 and 1705 and Section 7-2-106.5 of the building code, special inspections shall be provided by, or under the supervision of an engineer or registered design professional in responsible charge of the structural inspection for which "Special Inspection" is required, subject to the following conditions:

7-2-106.5.1.1 - Notification

Prior to a permit being issued by the Building Official, the owner or his authorized agent shall notify the Building Division of the Community Development Department in writing on the form provided, the name of the engineer or registered design professional in responsible charge who will carry out the required special inspection(s). The responsible engineer or registered design professional of record shall notify the Building Division of any changes of "Special Inspection(s)" prior to the inspections being conducted.

7-2-106.5.1.2 - Certificate of Responsibility

The engineer or registered design professional in responsible charge of the special inspection(s) shall so certify to the Building Division in writing on the form provided prior to the issuance of the building permit, and shall notify the Building Division immediately if terminated prior to completion of the work, for which special inspection(s) is required.

7-2-106.5.1.3 - Qualifications

No person(s) shall be assigned to carry out the duties of special inspector(s) unless thoroughly qualified by knowledge and experience to render full, complete and competent inspection. Special inspector(s) shall provide written documentation to the Building Official demonstrating his or her competence and relevant experience or training. Experience or training shall be considered relevant when the documented experience or training is related in complexity to the same type of special inspection activities for projects of similar complexity and material qualities. These qualifications are in addition to qualifications specified in other sections of this code. The registered design professional in responsible charge and engineers of record involved in the design of the project are permitted to act as the approved agency and their personnel are permitted to act as the special inspector for the work designed by them, provided they qualify as special inspectors. It shall be the responsibility of the engineer or registered design professional in responsible charge of the special inspection to satisfy the duties and responsibilities as stated in the International Building Code (IBC) Sections 1704 and 1705.

7-2-106.5.1.4 - Inspection and Reports

The engineer or registered design professional in responsible charge of the special inspection(s) or the designated special inspector(s) shall provide continuous, competent and complete inspection on the work for which special inspection(s) is required in accordance with International Building Code (IBC) Sections 1704 and 1705. Special inspectors shall keep records of inspections. The special inspector shall submit inspection reports to the Building Division, and the registered design professional in responsible charge stating approval of the work as it progresses, but not less than every two (2) weeks. Reports shall indicate that work inspected was or was not completed in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. The special inspector(s) shall notify the Building Division and the registered design professional in responsible charge immediately upon detection of all discrepancies involved in the special inspection(s) that have not been corrected in accordance with the approved construction documents and specifications prior to proceeding with the work. A final report documenting required special inspections and correction of any discrepancies noted in the inspections shall be submitted at a point in time agreed upon prior to the start of work by the applicant and the Building Official.

7-2-106.6 - Required Inspections

The Building Official, **appointed deputy, contracted agency, or approved third-party inspector**, upon notification, shall make the inspections set forth in this Section.

7-2-106.6.1 - Footing and Foundation Inspections

Footing and foundation inspections shall be made after excavations for footings are complete and any required reinforcing steel is in place. For concrete foundations, the required forms shall be in place prior to inspection. An inspection shall be made prior to the placement of concrete. Materials for the foundation shall be on the site, except where concrete is ready mixed in accordance with ASTM C 94; the concrete need not be on the site.

7-2-106.6.2 - Underground Building Service Equipment Inspections

Underground plumbing, gas, mechanical, or electrical systems shall be inspected after trenches or ditches are excavated for approved materials, proper burial depth, slope, and installation prior to the backfilling of trenches. The piping shall be bedded-in for its entire length, and if applicable, the systems shall be under the prescribed tests required by the technical codes. When excavated soil contains rocks, broken concrete, frozen chunks and other rubble that would damage or break the piping or cause corrosive action, clean backfill shall be on the site.

7-2-106.6.3 - Concrete Slab and Under-Floor Inspections

Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel and if applicable, building service equipment, conduit, piping accessories, insulation and other ancillary equipment items are in place and approved, but before any concrete is placed or floor sheathing installed, including the sub-floor.

7-2-106.6.4 - Sewer or Water Service (Building or Private) Inspections

Sewer or water service lines, that provide(s) service to a building or multiple buildings on one site and not installed in a public right-of-way or Public Utility Easement (PUE), shall be inspected for approved materials and proper slope prior to backfilling of the trenches.

7-2-106.6.5 - Floodplain or Lowest Floor Elevation Inspections

In flood hazard areas, upon placement of the lowest floor, including the basement, and prior to further vertical construction, the elevation certification required in the International Building Code (IBC) Section 1612.5 and International Residential Code (IRC) Section R322 shall be submitted to the Building Official. The elevation certification shall be prepared and sealed by a registered design professional.

7-2-106.6.6 - Concrete or Masonry Walls or Columns Inspections

Walls and columns shall be inspected after all reinforcing steel, and if applicable, conduits and other piping are in place but prior to the placement of concrete or grout. For concrete walls or columns, required forms shall be in place prior to inspection. Masonry walls or columns constructed in lifts shall require an inspection prior to the grouting of each lift.

7-2-106.6.7 - Exterior Strap and Shear Inspections

Exterior walls shall be inspected after the sheathing (used for bracing/shear); wall bracing, metal straps or anchoring devices are in place but prior to the installation of the weather-resistive barrier or wall covering.

7-2-106.6.8 - Rough Building Service Equipment Inspections

Rough plumbing, gas, mechanical, or electrical systems shall be inspected for approved materials or proper slope after the roof, framing, fire-blocking and bracing are in place and components to be concealed are complete, and prior to the installation of wall or ceiling membranes. When applicable, the systems shall be under the prescribed tests required by the technical codes. When applicable, these inspections may be completed in conjunction with a frame inspection.

7-2-106.6.9 - Frame Inspections

Framing inspections shall be made after the roof deck or sheathing, all framing, fire-blocking, draft stopping and bracing are in place, and pipes, chimneys and vents to be concealed are complete and the rough electrical, plumbing, heating wires, pipes and ducts building service equipment has been approved, after the roof is loaded with roof covering material and the building has been dried-in.

7-2-106.6.10 - Energy Efficiency Inspections

Energy efficiency inspections shall be made to determine compliance with the International Building Code (IBC) Chapter 13 and the International Energy Conservation Code (IECC) and shall include, but not be limited to, inspections for: **building thermal** envelope insulation R- and U-values, fenestration U-value, duct system R-value, and HVAC and water-heating equipment efficiency. Insulation inspection shall be made after frame and exterior lath inspection and all rough plumbing, mechanical, gas, and electrical systems are approved and prior to covering or concealment. Blown or sprayed roof/ceiling insulation may be verified before final inspection with markers affixed to the trusses or joists and marked with the insulation thickness by one inch (25.5 mm) high numbers. A minimum of one (1) marker provided for each three hundred (300) square feet of area with numbers to face the attic access opening. In lieu of an insulation inspection, a certification from the insulation installer may be submitted.

7-2-106.6.11 - Moisture Barrier Inspections

A moisture barrier inspection shall be performed after all flashings, windows, and moisture barrier is installed prior to the installation of any exterior wall covering.

7-2-106.6.12 - Lath and Gypsum Board Inspections

Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before any plastering is applied or gypsum board joints and fasteners are taped and finished.

7-2-106.6.12.1 - Exception

Gypsum board that is not part of a fire-resistance-rated assembly or a shear assembly.

7-2-106.6.13 - Fire- and Smoke-Resistant Penetrations Inspections

Protection of joints and penetrations in fire-resistance-rated assemblies, smoke barriers and smoke partitions shall not be concealed from view until inspected and approved. When applicable, this inspection shall be done in conjunction with the gypsum board inspection prior to joints and fasteners being taped and finished.

7-2-106.6.14 - Other Inspections

In addition to the inspections specified above, the Building Official is authorized to make or require other inspections of any construction work to ascertain compliance with the provisions of this Chapter or the technical codes and other laws enforced by the Building Division.

7-2-106.6.15 - Special Inspections

Special inspections and structural observations shall be as required in Section 1704 and 1705 of the International Building Code (IBC) in accordance with Section 7-2-106.5 of this Chapter. Special inspections are in addition to, not in lieu of, the inspections conducted by the Building Official.

7-2-106.6.16 - Final Inspections

The final inspection shall be made after all work shown on the construction documents or as required by the permit is completed.

7-2-106.6.16.1 - Flood Hazard or Elevation Documentation

If located in a flood hazard area, documentation of the elevation of the lowest floor **or the elevation of dry floodproofing, if applicable**, as required in the International Building Code

(IBC) Section 1612.4 and International Residential Code (IRC) Section R306.1.10 shall be submitted to the Building Official prior to the final inspection.

7-2-106.6.16.2 - Building Service Equipment

Building service equipment regulated by this Chapter or the technical codes shall not be connected to the fuel or power supply, or water or sewer systems until authorized by the Building Official. The requirements of this Chapter shall not be considered as prohibiting the operation of building service equipment installed to replace existing building service equipment serving an occupied portion of the building provided an inspection of such building service equipment has been completed and approved for use.

7-2-106.7 - Inspection Agencies

The Building Official is authorized to accept reports of approved inspection agencies, provided such agencies satisfy the requirements as to qualifications and reliability. An approved inspection agency shall be objective, competent and independent from the contractor responsible for the work being inspected. The agency shall also disclose possible conflicts of interest so that objectivity can be confirmed. An approved inspection agency shall also have adequate equipment to perform required tests and shall employ experienced personnel educated in conducting, supervising and evaluating tests and/or inspections.

7-2-106.8 - Inspection Requests

It shall be the duty of the holder of the building permit or their duly authorized agent to notify the Building Official when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work as required by this Chapter. The Building Official may require that every request for inspection be filed at least one (1) working day before such an inspection is desired.

7-2-106.9 - Approval Required

Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the Building Official. The Building Official, upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or notify the permit holder or his or her authorized agent wherein the same fails to comply with this Chapter or the technical codes. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the Building Official. There shall be a final inspection and approval of all construction when the work is completed and prior to any occupancy or use.

7-2-106.10 - Re-inspection

A re-inspection fee may be assessed for each inspection or re-inspection when such portion of work for which inspection is called is not complete or when corrections called for are not

made. This Section is not to be interpreted as requiring re-inspection fees the first time a job is rejected for failure to comply with the requirements of the technical codes, but as controlling the practice of calling for inspections before the job is ready for such inspection or re-inspection. Re-inspection fees may be assessed:

1. When the inspection record card is not posted or otherwise available on the work site.
2. When the approved plans are not readily available to the inspector.
3. For failure to provide access on the date for which inspection is requested.
4. For deviating from approved plans thereby requiring the approval of the Building Official.
5. When requested work is not ready for inspection.

To obtain a re-inspection, the applicant shall pay the re-inspection fee as set forth in the fee schedule adopted by this jurisdiction. In instances where re-inspection fees have been assessed, additional inspection of the work will not be performed until the required fees have been paid.

7-2-106.11 - Connection to Utilities

No person shall make connections from a utility, source of energy, fuel or power to any building or building service equipment, regulated by the technical codes for which a permit is required by this Chapter, until approved by the Building Official. The Building Official may authorize the temporary connection of the building service equipment to the utility source of energy, fuel or power for construction power, testing of building service equipment or for use under a temporary certificate of occupancy.

Section 7-2-107 - Certificate of Occupancy and Final Approvals

7-2-107.1 - Use and Occupancy

No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall 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 Chapter, the technical codes or other ordinances of the jurisdiction.

7-2-107.1.1 - Exception

Certificates of Occupancy are not required for work exempt from permits under Section 7-2-104.3.

7-2-107.2 - Letter of Compliance

The Building Official is authorized to issue a Letter of Compliance for a building or structure permitted as a basic or shell building, which cannot be occupied. If after a final inspection of the building or structure, and any electrical, fire protection, plumbing, mechanical, gas or similar systems shown on the approved plans, there are no violations to the provisions of this Chapter, the technical codes or other laws and ordinances that are enforced by the Building Division, the permit holder may request such Letter of Compliance. The Letter of Compliance certifies that the work performed under the permit has been satisfactorily completed, but does not authorize the occupancy of a basic or shell building or structure. The Letter of Compliance shall contain the following:

- 1.The building permit number.
- 2.The address of the structure.
- 3.A description of the building, construction type, proposed occupancy type and building area.
- 4.A statement that the permitted work has been inspected for compliance with the requirements of and the technical codes.
- 5.The name and signature of the Building Official or designee.

7-2-107.3 - Certificate of Occupancy

After the Building Official inspects the building or structure and finds no violations of the provisions of this Chapter, the technical codes or other laws that are enforced by the Building Division, the Building Official is authorized to, and shall issue a Certificate of Occupancy that contains the following:

- 1.The building permit number.
- 2.The address of the structure.
- 3.The name and address of the owner.
- 4.A description of that portion of the structure for which the certificate is issued.
- 5.A statement that the described portion of the structure has been inspected for compliance with the requirements of this Chapter and the technical codes for the occupancy and division of occupancy and the use for which the proposed occupancy is classified.
- 6.The name and signature of the Building Official or designee.

- 7.The edition of the code under which the permit was issued.
- 8.The use and occupancy, in accordance with the provisions of the International Building Code (IBC) Chapter 3.
- 9.The type of construction as defined in the International Building Code (IBC) Chapter 6.
- 10.The area of each occupancy within the building for which the permit was issued.
- 11.The design occupant load of each occupancy for which the permit was issued.
- 12.Indicate if an automatic sprinkler system is provided in the building or structure, and indicate whether the sprinkler system is required.
- 13.Any special stipulations and conditions of the building permit.

7-2-107.4 - Temporary Certificate of Occupancy

The Building Official is authorized to issue a Temporary Certificate of Occupancy before the completion of the entire work covered by the permit, provided that such portion or portions shall be occupied safely. The Building Official shall set the conditions, if any, and the time period during which the Temporary Certificate of Occupancy is valid.

7-2-107.5 - Revocation

The Building Official is authorized to, in writing, suspend or revoke a Certificate of Occupancy, Letter of Compliance or Temporary Certificate of Occupancy issued under the provisions of this Chapter wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this Chapter or the technical codes.

7-2-107.6 - Posting

The Certificate of Occupancy or Temporary Certificate of Occupancy shall be posted in a conspicuous place within the premises.

Section 7-2-108 - Unsafe Structures and Equipment

7-2-108.1 - General

Structures or existing building service equipment that are or hereafter become structurally unsafe, insanitary or deficient because of inadequate means of egress facilities, inadequate light and ventilation, or which constitute a fire hazard, or are otherwise dangerous to human life or which in relation to existing use constitutes a hazard to safety or health, or public

welfare, by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, or abandonment, or that involve illegal or improper occupancy as specified in this Chapter, technical codes or any other effective ordinance, are for the purpose of this Section unsafe buildings, and shall be deemed an unsafe condition. Unsafe conditions and structures shall be taken down and removed or made safe, as the Building Official deems necessary and as provided in this Chapter. A vacant structure that is not secured against entry shall be deemed an unsafe condition. All such unsafe buildings are hereby declared to be public nuisances and shall be abated by repair, rehabilitation, demolition or removal in accordance with the procedure specified in Sections 7-2-108.2, 7-2-108.3, 7-2-108.4 and 7-2-108.5.

7-2-108.1.2 - Unsafe Buildings Appendages

Parapet walls, cornices, spires, towers, tanks, statuary and other appendages or structural members which are supported by, attached to, or a part of a building and which are in a deteriorated condition or are otherwise unable to sustain the design loads which are specified in this code, are hereby designated as unsafe building appendages. All such unsafe building appendages are public nuisances and shall be abated in accordance with Section 7-2-108.1 of this Chapter.

7-2-108.2 - Record

The Building Official shall cause a report to be filed on an unsafe condition. The report shall state the occupancy of the structure and the nature of the unsafe condition.

7-2-108.2.1 - Notice to Owner

The Building Official shall examine or cause to be examined every building or structure or portion thereof reported as dangerous or damaged and, if such is found to be an unsafe building as defined in this Section, the Building Official shall give to the owner of such building or structure written notice stating the defects thereof. This notice may require the owner or person in charge of the building premises, within forty-eight (48) hours, to commence either the required repairs or improvements or demolition and removal of the building or structure or portions thereof, and all such work shall be completed within ninety (90) days from the date of notice, unless otherwise stipulated by the Building Official. If necessary, such notice also shall require the building, structure or portion thereof to be vacated forthwith and not reoccupied until the required repairs and improvements are completed, inspected, and approved by the Building Official.

7-2-108.2.2 - Proper Service

Proper service of such notice shall be by one (1) of the following methods; personal service upon the owner of record, if found within the Town limits; if not found within the Town limits, such service may be made upon said owner by first class mail, postage paid, addressed to the owner, occupant, agent, manager or responsible person at the last known address; delivered in any manner permitted by the Arizona Rules of Civil Procedure for service of process or

posted in a conspicuous place on or about the entrance of the structure affected by such notice. Service by mail is deemed complete upon deposit in the U.S. mail. Service of such notice in the foregoing manner upon the owner's agent or upon the person responsible for the structure shall constitute service of notice upon the owner. The designated period within which said owner or person in charge is required to comply with the order of the Building Official shall begin as of the date such notice was mailed, received or posted.

7-2-108.3 - Posting of Signs

The Building Official shall cause to be posted at each entrance to such building a notice to read: DO NOT ENTER UNSAFE TO OCCUPY by order of the Building Division of the Community Development Department, of the Town of Camp Verde. Such notice shall remain posted until the required repairs, demolition or removal are completed. Such notice shall not be removed without written permission of the Building Official and no person shall enter the building except for the purpose of making the required repairs or of demolishing the building.

7-2-108.3.1 - Posting of Building Safety Assessment Placards During Emergency Conditions

The Building Official and his or her authorized representatives shall cause to be posted the appropriate building safety assessment placard at each entry point to a building or structure upon completion of a visual, non-destructive safety assessment in the event emergency conditions exist. The following are verbal descriptions of the official placards to be used to designate the condition for continued occupancy of buildings or structures:

1.INSPECTED — LAWFUL OCCUPANCY PERMITTED by order of the Building Division of the Community Development Department, of the Town of Camp Verde is to be posted on any building or structure wherein no apparent structural hazard has been found. This placard is not intended to mean that there is no damage to the building or structure.

2.CAUTION: RESTRICTED USE by order of the Building Division of the Community Development Department, of the Town of Camp Verde is to be posted on each building or structure that has been damaged wherein the damage has resulted in some form of restriction to the continued occupancy. The individual who posts this placard will note in general terms the type of damage encountered and will clearly and concisely note the restrictions on continued occupancy.

3.UNSAFE — DO NOT ENTER OR OCCUPY by order of the Building Division of the Community Development Department, of the Town of Camp Verde is to be posted on each building or structure that has been damaged such that continued occupancy poses a threat to life safety. Buildings or structures posted with this placard shall not be entered under any circumstance except as authorized in writing by the Building Official, or his or her authorized representative. Safety assessment teams shall be authorized to enter these buildings at any time. This placard is not to be used or considered as a demolition order. The individual who posts this placard will note in general terms the type of damage encountered.

The name of the jurisdiction, its address, and phone number shall be permanently affixed to each building safety assessment placard. Once a building safety assessment placard has been attached to a building or structure, the placard shall not be removed, altered or covered until done so by an authorized representative of the Building Official. It shall be unlawful for any person, firm or corporation to alter, remove, cover or deface a placard unless authorized pursuant to this Section.

7-2-108.4 - Right to Demolish

In case the owner shall fail, neglect or refuse to comply with the notice to repair, rehabilitate, or to demolish and remove said building or structure or portion thereof, the Town Council may order the owner of the building prosecuted as a violator of the provisions of this code and may order the Building Official to proceed with the work specified in such notice.

7-2-108.5 - Costs

Costs incurred under Section 7-2-108.4 shall be paid out of the Town Treasury and shall be charged to the owner and collected by the Financial Director in the manner specified in the Town of Camp Verde Code.

7-2-108.6 - Restoration

The structure or building service equipment determined to be unsafe by the Building Official is permitted to be restored to a safe condition. To the extent that repairs, alterations or additions are made or a change of occupancy occurs during the restoration of the structure, such repairs, alterations, additions or change of occupancy shall comply with the requirements of this Chapter, the technical codes, and the International Building Code (IBC) Chapter 34.

Section 7-2-109 - Violations

7-2-109.1 - Unlawful Acts

It shall be unlawful for any person, firm or corporation to erect, construct, alter, extend, repair, move, remove, demolish or occupy any building, structure or building service equipment regulated by this Chapter and the technical codes, or cause same to be done, in conflict with or in violation of any of the provisions of this Chapter and the technical codes.

7-2-109.2 - Illegal Building

Every building or portion thereof constructed without a building permit where required by this Chapter, shall be made to conform to the provisions of this Chapter and the technical codes or shall be demolished.

7-2-109.3 - Notice of Violation

The Building Official is authorized to serve a notice of violation or order on the building owner, the owner's agent or person responsible for the erection, construction, alteration, extension, repair, moving, removal, demolition or occupancy of a building, structure or building service equipment in violation of the provisions of this Chapter, the technical codes or in violation of a permit or certificate issued under the provisions of this Chapter. Service of such notice shall be as described in Section 7-2-108.2.1 of this Chapter. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.

7-2-109.4 - Prosecution of Violation

If the notice of violation is not complied with promptly, or within the time frame specified in the notice of violation, the Town may 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 Chapter or of the technical codes or of the order or direction made pursuant thereto.

7-2-109.5 - Remedies Not Exclusive

Violations of this Chapter or the technical codes are in addition to any other violation established by law, and this Chapter, and shall not be interpreted as limiting the penalties, actions, or abatement procedures that may be taken by the Town or other persons under the laws, ordinances or rules.

7-2-109.6 - Violation Penalties

Any person, firm, or corporation who violates any of the provisions of this Chapter and the technical codes or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the Building Official, or of a permit or certificate issued under the provisions of this Chapter may be subject to one (1) or more of the penalties as prescribed in the Town of Camp Verde Code.

Civil sanction: A fine of not less than one hundred dollars (\$100) nor more than one thousand dollars (\$1000) but total fines shall not exceed two thousand dollars (\$2000) per day for each property.

Criminal misdemeanor: If found guilty of a Class 1 misdemeanor and upon conviction shall be punished by a fine not to exceed two thousand five hundred dollars (\$2,500) or by imprisonment in the Town jail for a period not to exceed six (6) months, or by both such fine and imprisonment.

Separate offense: Each day any violation is continued or the failure to perform any act or duty required by this Section shall constitute a separate violation or offense.

Section 7-2-110 - Boards of Appeals

7-2-110.1 - General

In order to hear and decide appeals of orders, decisions or determinations made by the Building Official relative to the application of this Chapter and the technical codes, there shall be and is hereby created one (1) Board of Appeals consisting of members who are qualified by experience and training to pass on matters pertaining to building construction and who are not employees of the Town. The Building Official shall be the ex-officio member of and shall consult with and provide advice to the Board during the proceedings and may act as secretary to the Board but shall have no vote on any matter before the board.

7-2-110.2 - Limitations on Authority

The Board of Appeals shall have no authority relative to interpretation of this Chapter. The Board shall not be empowered to waive the requirements of the technical codes.

7-2-110.3 - Created, Composition

7-2-110.4 - Appointment, Terms and Vacancies

Appointments and terms of members shall be in accordance with the Town Code. In the event of the unexcused absence of a member from three (3) consecutive meetings, the position shall be deemed vacant. Vacancies shall be filled in accordance with the Town Code for the unexpired term of any member unable or ineligible to serve. A member whose term expires may serve until a successor has been appointed. The Town Council may remove any member for cause or serve as the Board of Appeals.

7-2-110.5 - Officers

The Board shall elect a chairman and vice-chairman from among its members, neither of who shall be an ex-officio member. The chairman and vice-chairman shall each serve for a one-year period or until their successors are elected.

7-2-110.6 - Meetings

The board shall hold one regular meeting every three (3) months or when there is pending business. Special meetings may be called by the **Development Services Director** or at the request of the chairman or any three (3) members. The affirmative vote of three (3) members shall be required for passage of any matter before the Board.

7-2-110.7 - Powers, Duties, Responsibilities

1. The Board, on request or on its own motion, may interpret the technical provisions of the building code in special cases when it appears that the provisions of the code are inadequate

and do not cover the point in question, and may recommend to the Council such new legislation as is consistent therewith.

2.The Board may grant a variance to the technical provisions of the building code when it can be established that a manifest injustice would be done. A variance shall not be granted by the Board unless it is found that:

a.Special circumstances or conditions apply to the request, and

b.Granted the variance is necessary for the preservation and enjoyment of substantial property rights; and

c.Granted the variance will not be materially detrimental to persons residing or working in the premises, to adjacent or surrounding property or to the public in general; and

d.Granted the variance will be in harmony with the purposes sought to be attained by the building code. Each case shall be evaluated on its individual merits and shall not be construed to set a precedent for deviating from the requirements of the building code. The findings of the Board shall be binding upon all parties except as provided under Section 7-2-110.9.

3.The Board may approve the use of the alternate materials or methods of construction, provided the alternate materials or method is, for the purpose intended, at least the equivalent of that prescribed by the building code in suitability, strength, effectiveness, fire resistance, durability, safety and sanitation.

4.The Board may adopt such rules and regulations necessary for the discharge of its duties, provided said rules are not in conflict with the charter or this code.

5.The Board is empowered to call upon the Town Attorney's office for legal counsel and upon any other office or Board to aid and assist the Board in its deliberations.

7-2-110.8 - Appeal from Decision of the Building Official

1.Any person dissatisfied with a decision of the Building Official may appeal the decision if: the decision conflicts with the intent of the codes in this Chapter; the decision incorrectly interprets a code in this Chapter; the requirements in this Chapter do not apply; or a person seeks to propose an alternate material or method of construction pursuant to Section 7-2-110.7. The person may also request a hearing before the Board. Appeals shall be filed with the **Development Services Director** on a form provided therefore.

2.Such appeal shall be heard at the next regular meeting of the Board unless such appeal is filed within twenty-one (21) days preceding the next regular board meeting, in which case such appeal shall be heard at the next succeeding regular or special board meeting.

3.All hearings shall be open to the public and any person whose interest may be affected by the decision shall be given an opportunity to be heard.

4.The Board shall render all its decisions on appeals in writing to the appellant with a copy to the **Development Services Director** and Building Official.

7-2-110.9 - Decision of the Board

1.The decision regarding the appeal shall be in writing and shall be filed with the Town Clerk.

2.The Board decision on the matter shall be predicated on the same findings as set forth in Section 7-2-110.7 and shall be final.

7-2-110.10 - Appeal Filing, Fees

1.Appeals shall be filed in the office of the Community Development Department on a form provided therefore. A fee shall be paid at the time of filing of an appeal, in accordance with the schedule established by Town Council.

2.No part of the fees required herein shall be refundable after an application is filed and the fee paid.

Section 7-2-111 - Fees

7-2-111.1 - Payment of Fees

A permit shall not be issued nor considered valid until the applicable fees established and adopted by the Town of Camp Verde Town Council in accordance with the Town of Camp Verde Code have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

7-2-111.2 - Schedule of Permit Fees

On buildings, structures, electrical, gas, mechanical, and fire systems or alterations thereto requiring a permit, a fee for each permit shall be paid as required in accordance with the schedule as established by the Town of Camp Verde.

7-2-111.3 - Building Permit Valuation shall be amended as follows:

The applicant for a permit shall provide an estimated permit value **of the work for which the permit is being issued** at the time of initial application. Permit- valuations shall include total value of work, including materials and labor, for which the permit is being issued, such as finish work, painting, roofing, electrical, gas, mechanical, plumbing equipment, heating, air-conditioning, elevators, fire extinguishing systems, other permanent systems/equipment, grading, landscaping, and other site related improvements. The final building permit

valuation shall be the greater of the applicant's stated valuation or the valuation calculated by using the ICC Building Valuation data, except the Building Official or designee may set the final building permit valuation when deemed necessary.

7-2-111.4 - Plan Review Fees

When Section 7-2-105.1 requires submittal documents, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. Said plan review fee shall be sixty-five (65) percent of the building permit fee as shown in schedule as established by the Town of Camp Verde. The plan review fees specified in this subsection are separate fees from the permit fees specified in Section 7-2-111.1 and are in addition to the permit fees. When submittal documents are incomplete or changed so as to require additional plan review, an additional plan review fee shall be charged at the rate shown in schedule as established by the Town of Camp Verde. The plan review fees pay for the initial plan review and one (1) subsequent re-submittal for the same project. If more than two (2) plan reviews are required, or if the permit application shall expire by time limitation, additional plan review fees may be assessed as determined by the Building Official. At the time of permit issuance, additional plan review fees for any increase in valuation shall be assessed in conjunction with, and as a condition of, permit issuance.

7-2-111.5 - Investigation Fees

Any person who commences work on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to an investigation fee established by the Building Official that shall be in addition to the required permit fees. The investigation fee shall be equal to the permit fees required by this Chapter. The payment of such investigation fee shall not exempt an applicant from compliance with all other provisions of this Chapter and the technical codes. An investigation fee shall be collected whether or not a permit is then or subsequently issued.

7-2-111.6 - Fee Refunds

The Building Official may authorize the refunding of any fee paid hereunder, which was erroneously paid or collected. The Building Official may authorize the refunding of that portion of the permit fee in excess of the fee for issuance when no inspection has been done for which a permit has been issued in accordance with this code. The Building Official may authorize the refunding of that portion of the plan review fee in excess of the fee for issuance when the application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan reviewing is done. The Building Official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than one hundred eighty (180) days after the date of fee payment.