

**ORDINANCE NO. 2022-925**

**AN ORDINANCE OF THE MAYOR AND COMMON COUNCIL OF THE TOWN OF CHINO VALLEY, ARIZONA, DECLARING THE DOCUMENTS ENTITLED THE “TOWN OF CHINO VALLEY BUILDING AND TECHNICAL CODE AMENDMENTS, 2018 EDITION, AMENDED AND RESTATED OCTOBER 2022” AND THE “TOWN OF CHINO VALLEY OCTOBER 2022 TOWN CODE AMENDMENTS RELATING TO THE BUILDING ADVISORY BOARD” AS PUBLIC RECORDS; ADOPTING THE SAME BY REFERENCE; AMENDING THE CHINO VALLEY TOWN CODE, CHAPTER 150, RELATING TO BUILDING CODES; AND PROVIDING FOR PENALTIES.**

**WHEREAS**, the Mayor and Common Council of the Town of Chino Valley (the “Town Council”) desires to establish a building advisory board; and

**WHEREAS**, Chapter 150 of the Chino Valley Town Code specifies the building construction codes that are to be followed within the corporate limits of the Town of Chino Valley (the “Town”); and

**WHEREAS**, the Town Council desires to amend the Chino Valley Town Code, Chapter 150 (Building Regulations; Construction) to amend provisions relating to the codification of the previously-adopted 2018 International Building Code, 2018 International Residential Code for one- and two-family dwellings, 2018 International Fuel Gas Code, 2018 International Mechanical Code, 2018 International Plumbing Code, 2018 International Energy Conservation Code, 2018 International Existing Building Code, and the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, to establish a building advisory board.

**NOW, THEREFORE, BE IT ORDAINED** by the Mayor and Common Council of the Town of Chino Valley, Arizona, as follows:

Section 1. The above recitals are hereby incorporated as if fully set forth herein.

Section 2. Those certain documents entitled “Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022” and “Town of Chino Valley October 2022 Town Code Amendments Relating to the Building Advisory Board,” of which one paper copy and one electronic copy of each are maintained, in compliance with ARIZ. REV. STAT. § 44-7041, on file in the office of the Town Clerk as required by ARIZ. REV. STAT. § 9-802, and available for public use and inspection during normal business hours, are hereby declared to be public records, which public records are hereby referred to, adopted, and made a part hereof as if fully set forth in this Ordinance, and which are hereby ordered to remain on file with the Town Clerk.

Section 3. The Chino Valley Town Code, Chapter 150 (Building Regulations; Construction), Section 150.001 (Adoption of International Code Council Codes), is hereby amended by amending references therein from “Town of Chino Valley Building and

Technical Code amendments - 2018 Edition” to the “Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.”

Section 4. The Chino Valley Town Code, Chapter 150 (Building Regulations; Construction), Section 150.001 (Adoption of International Code Council Codes), Subsection (G) (International Existing Building Code), is hereby amended as follows:

(G) *International Existing Building Code.* That certain code entitled International Existing Building Code, 2018 Edition, published by the International Code Council, including all appendices, AS AMENDED BY THE TOWN OF CHINO VALLEY BUILDING AND TECHNICAL CODE AMENDMENTS, 2018 EDITION, AMENDED AND RESTATED OCTOBER 2022, is hereby adopted as the Existing Building Code of the Town of Chino Valley for regulating the repair, alteration, change of occupancy, addition to and relocation of existing buildings and said existing building code is hereby referred to and made a part hereof as though fully set forth in this section. One paper copy and one electronic copy maintained in compliance with A.R.S. § 44-7041 of said existing building code shall be kept on file and available for public use in the office of the Town Clerk and Planning and Building Department.

Section 5. The Chino Valley Town Code, Chapter 150 (Building Regulations; Construction), Section 150.007 (Board of Appeals) is hereby amended by deleting Section 150.007 (Board of Appeals) in its entirety and replacing it with Section 150.007 (Building Advisory Board), as set forth in the “Town of Chino Valley October 2022 Town Code Amendments Relating to the Building Advisory Board.”

Section 6. Any person found guilty of violating any provision of the Technical Codes shall be guilty of a civil infraction as set forth in Section 10.99 of the Chino Valley Town Code. Each day that a violation continues shall be a separate offense.

Section 7. If any section, subsection, sentence, clause, phrase, or portion of this Ordinance or any part of the amendments adopted herein by reference is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions thereof.

Section 8. The Mayor, the Town Manager, the Town Clerk, and the Town Attorney are hereby authorized and directed to take all steps necessary to carry out the purpose and intent of this Ordinance.

(SIGNATURES ON FOLLOWING PAGE)

**PASSED AND ADOPTED** by the Mayor and Common Council of the Town of Chino Valley, Arizona, this 25th day of October, 2022.



\_\_\_\_\_  
Jack W. Miller, Mayor

ATTEST:



*Erin N. Deskins*

\_\_\_\_\_  
Erin N. Deskins, Town Clerk

APPROVED AS TO FORM:



\_\_\_\_\_  
Andrew J. McGuire, Town Attorney  
Gust Rosenfeld, PLC

I hereby certify that the foregoing Ordinance No. 2022-925 was duly passed by the Council of the Town of Chino Valley, Arizona, at a meeting held on October 25, 2022, and that quorum was present, and that the vote thereon was 6 ayes and 0 nays and 0 abstentions. 1 Council members were absent or excused.

*Erin N. Deskins*

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Erin N. Deskins, Town Clerk

**TOWN OF CHINO VALLEY BUILDING AND TECHNICAL CODE AMENDMENTS, 2018  
EDITION, AMENDED AND RESTATED OCTOBER 2022**

## INTERNATIONAL BUILDING CODE AMENDMENTS

### CHAPTER 1 SCOPE AND ADMINISTRATION

**Section 101.1** entitled “**Title**” is hereby amended to read as follows:

These regulations shall be known as the Town Building Code of the Town of Chino Valley, herein known as “this code.”

**Section 101.4.4** entitled “**Property maintenance**” is hereby deleted in its entirety.

**Section 101.4.5** entitled “**Fire prevention**” is hereby deleted in its entirety.

**Section 102.6** entitled “**Existing Structures**” is hereby amended to read as follows:

The legal occupancy of any structure existing on the date of the adoption of this code shall be permitted to continue without change, except as is specifically covered in this code and **The International Existing Building Code** or as is deemed necessary by the Building Official for the general health, safety and welfare of the structure occupants and the public.

**Section 105.2** entitled “**Work exempt from permit**” Item #4 under the category “Building” is hereby amended to read as follows:

Retaining walls that are not over 32 inches in height measured from the top of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.

**Section 107.1** entitled “**General**” is hereby amended by adding an additional sentence at the end thereof and before “Exception,” to read as follows:

When construction documents are required to be sealed by a qualified registrant according to Title 32, Chapter 1, Arizona Revised Statutes, the H.V.A.C. designs shall also be sealed by a qualified registrant.

**Section 109.3** entitled “**Building permit valuations**” is hereby amended to read as follows:

The determination of valuations to establish fees shall be guided by the International Code Council valuation schedule, the International Building Standards Magazine and as adjusted to reflect current construction costs. Such fees shall be reviewed and adjusted annually by the Building Official and approved by the Town Council.

**Section 109.6** entitled “**Refunds**” is hereby amended to read as follows:

The Building Official is authorized to refund any fee paid hereunder, when such fee was erroneously paid or collected.

The Building Official shall be authorized to refund not more than 75 percent of the permit fee paid when the permit is withdrawn or canceled before any work has commenced. Plan check fees are nonrefundable. A written request by the

applicant shall be submitted to the Building Official outlining the refund request before the refund process will begin.

**Section 110.3.3** entitled “**Lowest floor elevation**” is hereby deleted in its entirety.

**Section 111.2** entitled “**Certificate issued**” is hereby amended to read as follows:

After the Building Official inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the Town of Chino Valley or Yavapai County, the Building Official shall issue a certificate of occupancy that contains the following:

(Items 1 through 12 to remain the same.)

**Section 111.3** entitled “**Temporary Occupancy**” is hereby amended to read as follows:

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 and the applicant has received approval from the appropriate Town of Chino Valley and Yavapai County departments as required. The Building Official shall set a time period during which the temporary certificate is valid.

**Section 113.1** entitled “**General**” is hereby amended to add the following to its end:

The Building Advisory Board, as prescribed in §150-007 of this code, will be the Board of Appeals.

**Section 113.3** entitled “**Qualifications**” is hereby deleted in its entirety.

## CHAPTER 2 DEFINITIONS

**Section 201.4** entitled “**Terms not defined**” is hereby amended to read as follows:

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

**Section 202** entitled “**Definitions**” is hereby amended by adding the following new terms:

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

**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.

**RESIDENTIAL CARE/ASSISTED LIVING HOME:** A building or part thereof housing, on a 24-hour basis, a maximum of 10 persons, not more than two per

bedroom (excluding staff), who because of age, mental disability or other reasons, require a supervised residential environment that provides supervisory, personal or directed care services. This classification shall include, but not be limited to the following:

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

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

**CHAPTER 9 FIRE PROTECTION SYSTEMS** is hereby deleted in its entirety and replaced with the following:

Fire protection systems shall be installed, repaired, operated, maintained and enforced in accordance with the requirements of the **Central Arizona Fire and Medical Authority and the International Fire Code** (as adopted and amended from time to time by the **Central Arizona Fire and Medical Authority**), collectively, "**Central Arizona Fire and Medical Authority requirements.**" The Building Official shall assist the **Central Arizona Fire and Medical Authority** in the inspection, testing and oversight of fire protection systems as may be required from time to time. The Building Official shall withhold approvals where fire protection systems are not in compliance with **Central Arizona Fire and Medical Authority** requirements.

## **CHAPTER 11 ACCESSIBILITY**

### **SECTION 1101 – GENERAL**

**Section 1101.2** entitled "**Design**" is hereby amended to read as follows:

Accessibility requirements will be those stated in, **The 2010 Standards for Accessible Design**, published by the United States Justice Department.

## **CHAPTER 12 INTERIOR ENVIRONMENT**

**Section 1207** entitled "**SOUND TRANSMISSION**" is hereby deleted in its entirety.

## **CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES**

**Section 1507.3.1** entitled "**Deck requirements**" is hereby amended to read as follows:

Concrete and clay tile shall be installed over solid sheathing.

**Section 1507.4.1** entitled "**Deck requirements**" is hereby amended to read as follows:

Metal roof panel coverings shall be applied to a solid sheathed roof deck.

**Section 1507.5.1** entitled "**Deck requirements**" is hereby amended to read as follows:

Metal roof shingles shall be applied to a solid sheathed roof deck.

**Section 1507.8.1** entitled “**Deck requirements**” is hereby amended to read as follows:

Wood shingles shall be installed on solid sheathing.

**Table 1507.8** entitled “**Wood shingles and Shake Installation**” is hereby amended as follows:

Item 2, Deck Requirement - under both headings, delete the references to spaced sheathing and associated installation requirements. Solid sheathing is required.

**Section 1507.9.1** entitled “**Deck requirements**” is hereby amended to read as follows:

Wood shakes shall be installed on solid sheathing.

## **CHAPTER 16 STRUCTURAL DESIGN**

**Table 1607.1 - #25** is hereby amended to modify the standards for Residential One and two-family dwellings, as follows:

Uninhabitable attics with storage: changed from 20 psf. to 40 psf.

Habitable attics and sleeping areas: changed from 30 psf. to 40 psf.

## **CHAPTER 18 SOILS AND FOUNDATIONS**

**Section 1809.4** entitled “**Depth and width of footings**” is hereby amended to read:

The minimum depth of footings below the undisturbed ground surface shall be 18 inches. The minimum width of footings shall be 12 inches.

**Section 1809.5** entitled “**Frost Protection**” is hereby amended to delete all of the text within the Exception.

**INTERNATIONAL RESIDENTIAL CODE FOR ONE-AND TWO-FAMILY DWELLINGS**  
**AMENDMENTS**

**CHAPTER 1 SCOPE AND ADMINISTRATION**

**Section R101.1** entitled “**Title**” is hereby amended to read as follows:

These provisions shall be known as the Town Residential Code for One-and Two-Family Dwellings of the Town of Chino Valley, herein known as “this code.”

**Section R102.7** entitled “**Existing Structures**” is hereby amended to read as follows:

The legal occupancy of any structure existing on the date of the adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, or the **International Fire Code**, or as is deemed necessary by the Building Official for the general health, safety and welfare of the structure occupants and the public.

**Section R105.2** entitled “**Work exempt from permit**” is hereby amended by modifying #10 under the “Building” heading to read as follows:

10. Decks, the walking surface of which is not more than 30 inches above the surrounding grade and less than 120 sq. ft. of surface area.

**Section R105.3.1.1** entitled “**Determination of substantially improved or substantially damaged existing buildings in flood hazard areas**” is hereby deleted in its entirety.

**Section R108.3** entitled “**Building permit valuations**” is hereby amended to read as follows:

The determination of valuations to establish fees shall be guided by the regionally modified building valuations recommended by the International Code Council, the International Building Standards Magazine and as adjusted to reflect current construction costs. Such fees shall be reviewed and adjusted annually by the Building Official and approved by the Town Council.

**Section R108.5** entitled “**Refunds**” shall be amended to read as follows:

The Building Official is authorized to refund any fee paid hereunder, when such fee was erroneously paid or collected.

The Building Official shall be authorized to refund not more than 75 percent of the permit fee paid when the permit is withdrawn or canceled before any work has commenced. Plan check fees are nonrefundable. A written request by the applicant shall be submitted to the Building Official outlining the refund request before the refund process will begin.

**Section R112** entitled “**Board of Appeals**” is hereby deleted in its entirety and replaced with a new **Section R112** entitled “**Means of Appeal**” to read as follows:

**SECTION R112 MEANS OF APPEAL**

**R112.1 General.** Appeals shall be governed by the **International Building Code, Section 113**, entitled “**Board of Appeals**,” as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

## **CHAPTER 2 DEFINITIONS**

**Section R201.4** entitled “**Terms not defined**” is hereby amended by adding a sentence at the end thereof, to read as follows:

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

## **CHAPTER 3 BUILDING PLANNING**

**Table R301.2 (1)** entitled “**CLIMATE AND GEOGRAPHICAL DESIGN CRITERIA**” is hereby amended to include text in the respective boxes as follows:

Roof (amended from “ground”) Snow Load: 30 lbs. /per sq. ft.  
Wind Design – Speed: 115 mph – 3-second gust  
Wind Design – Topographical Effects: Exposure C  
Seismic Design Category: C  
Subject to Damage From – Weathering: Negligible  
Subject to Damage From – Frost Line Depth: 18 inches  
Subject to Damage From – Termite: Moderate  
Subject to Damage From – Decay (added): Slight  
Winter Design Temperature: 15 degrees  
Ice Barrier Underlayment Required: No  
Flood Hazards: Administered by the Building Official  
Air Freezing Index: 124  
Mean Annual Temp.: 53 degrees.

**Table R301.5** entitled “**MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS**” is hereby amended by deleting the minimum live load of 20 lbs. in attics with storage and a minimum of 30 lbs. in sleeping rooms, and replaced with 40 lbs. minimum in both areas.

**Section R305.1** entitled “**Minimum height**” is amended to read:

The minimum ceiling height for any habitable room shall be 7’6” (seven feet, six inches.)

**Section R309.5** entitled “**Fire Sprinklers**” is hereby deleted in its entirety.

**Section R313** entitled “**Automatic Fire Sprinkler Systems**” is hereby amended to read:

**Automatic Fire Sprinkler Systems** must meet the State of Arizona Statutes and the requirements set forth by the **Central Arizona Fire and Medical Authority**.

**Section R314.3** entitled “**Location**” is hereby amended by deleting item 4 thereof and

replacing it with the following:

4. Where the ceiling height of a room open to a hallway servicing bedrooms exceeds that of the hallway by 24 inches or more in height, smoke detectors shall be installed in the hallway and in the adjacent room.

## CHAPTER 4 FOUNDATIONS

**Section R403.1.1** entitled “**Minimum Size**” is hereby amended by adding the following paragraph to read:

Continuous spread concrete footings shall be reinforced with at least one #4 horizontal reinforcement bar located three inches (3”) from the bottom of the footing. Monolithic interior and exterior concrete footings shall be reinforced with at least one #4 horizontal reinforcement bar located three inches (3”) from the bottom of the footing and one #4 horizontal reinforcement bar located three inches (3”) from the top of the slab. Pier and column footings shall be reinforced with #4 horizontal reinforcement bars spaced no more than twelve inches (12”) in each direction and located three inches (3”) from the bottom of the footing.

**Section R403.1.3.1** entitled “**Concrete stem walls with concrete footings**” is hereby deleted in its entirety and revised to read as follows:

**R403.1.3.1 Foundations with stem walls.** Foundations with stem walls shall be provided with the following steel reinforcement, unless an engineered design is provided by a licensed Arizona Design Professional.

1. For non-retaining stem walls less than twenty-four inches (24”) in height, a bond beam composed of one horizontal #4 rebar is required at the top of the wall and one #4 vertical rebar is provided at forty-eight inches (48”) on center. The vertical reinforcement shall extend into the footing with a bent hook having a minimum of six-inch (6”) 90 degree bend.
2. For stem walls twenty-four inches (24”) to forty-eight inches (48”) in height a bond beam composed of two horizontal #4 rebar, or one #5 rebar is required at the top of the wall and one #4 vertical rebar is provided at forty-eight inches (48”) on center. The vertical reinforcement shall extend into the footing with a bent hook having a minimum of six-inch (6”) 90-degree bend.
3. For stem walls over forty-eight inches (48”) in height or retaining two (2) or more feet of earth, engineering may be required to determine footing size, wall thickness, materials, steel placement and size (depending on soil conditions), height, surcharge loading, or other requirements at the option of the building official (or his designee).

**Section R403.1.4** entitled “**Minimum depth**” is amended to read as follows:

All exterior footings shall be placed a minimum of eighteen inches (18”) into undisturbed or compacted soil approved by the building official.

**Section R403.1.4.1** entitled “**Frost protection**” is amended by deleting the Exceptions (1, 2, and 3) in their entirety.

## **SECTION R404 FOUNDATION AND RETAINING WALLS**

**Section R404.1.2** entitled “**Design of masonry foundation walls**” and **Section R404.1.3** entitled “**Concrete foundation walls**” are hereby deleted in their entirety and replaced with the following:

**R404.1.2 Design of Masonry Foundation Walls.** Concrete masonry foundation walls shall be constructed as set forth in Tables R404.1.1(2) and R404.1.1 (4) of the International Residential Code for the most restrictive design soil class, provided that the minimum vertical reinforcement is #4 bar spaced no more than 48 inches on center, and shall also comply with the provisions of this section and the applicable provisions of Section R606, R607 and R608. In Seismic Design Category D0, D1 and D2, concrete masonry foundation walls shall comply with Section R404.1.4 of the International Residential Code. Rubble stone masonry walls shall not be used in Seismic Design Category C, D0, D1, or D2.

**R404.1.3 Concrete Foundation Walls.** Concrete foundation walls shall be constructed as set forth in Tables R404.1.1 (2), R404.1.1 (3), and R404.1.1 (4) of the International Residential Code for the most restrictive design soil class, provided that the minimum vertical reinforcement is #4 spaced no more than 48 inches on center, and shall also comply with the provisions of this section and the applicable provisions of Sections R402.2 and R612 of the International Residential Code.

When Tables R404.4(1) through R404.4(5) of the International Residential Code are utilized for concrete foundation walls, reinforcement shall be as required for soil Group III, as established by Table R405.1 of the International Residential Code, provided that the minimum vertical reinforcement is #4 bar spaced no more than 48” on center. Where Tables R404.4(1) through R404.4(5) of the International Residential Code indicate N/R for vertical reinforcement size and spacing or where the Tables do not indicate the maximum height of unbalanced backfill for various heights, vertical reinforcement and spacing shall be provided as follows:

Maximum Unbalanced Backfill Heights (Ft)	Minimum Vertical Reinforcement Size and Spacing On Center
4' and less	#4 @ 48”
5'	#4 @ 32” or #5 @ 48”
6'	#4 @ 20” or # 5 @ 32”
7'	#4 12” or #5 @ 20”

## **CHAPTER 5 FLOORS**

### **SECTION R506 CONCRETE FLOORS (ON GROUND)**

**Section R506.2.3** entitled “**Vapor Retarder**” is hereby deleted in its entirety.

## **CHAPTER 6 WALL CONSTRUCTION**

**Section R606.12.2.2.3** entitled “**Reinforcement Requirements for Masonry Elements**” is hereby amended by modifying subsection 2 as follows:

2. Vertical reinforcement of at least one #4 bar shall be provided at corners, within 16 inches of each side of openings, within 8 inches of each side of movement joints, within 8 inches of the ends of walls and at a maximum spacing of 48 inches.

## **CHAPTER 7 WALL COVERING**

**Table R702.3.5** entitled “**Minimum thickness and application of Gypsum Board**” is hereby amended by deleting footnote d in its entirety.

## **CHAPTER 9 ROOF ASSEMBLIES**

**Section R905.3.1** entitled “**Deck requirements**” is hereby amended to read as follows:

Clay and concrete tile shall be installed on solid sheathing.

**Section R905.4.1** entitled “**Deck requirements**” is hereby amended to read as follows:

Metal roof shingles shall be installed on solid sheathing.

**Section R905.7.1** entitled “**Deck requirements**” is hereby amended to read as follows:

Wood shingles shall be installed on solid sheathing.

**Section R905.7.4** entitled “**Material standards**” is hereby amended to read as follows:

Wood shingles shall be factory treated fire-retardant grade 1 minimum.

**Section R905.8.1** entitled “**Deck requirements**” is hereby amended to read as follows:

Wood shakes shall be installed on solid sheathing.

**Section R905.8.5** entitled “**Material standards**” is hereby amended to read as follows:

Wood shakes shall be factory fire-retardant treated grade 1 minimum.

**Section R905.10.1** entitled “**Deck requirements**” is hereby amended to read as follows:

Metal roof panel coverings shall be installed on solid sheathing.

## **CHAPTER 10 CHIMNEYS AND FIREPLACES**

**Section R1004.1** entitled “**General**” is hereby amended by adding of a new second sentence to read as follows:

All factory-built fireplaces shall comply with the most current provisions of 40 CFR 60, Subpart AAA, and A.R.S. § 9-500.16.

## CHAPTER 11 ENERGY EFFICIENCY

**Chapter 11** entitled “**Energy Efficiency**” is hereby deleted in its entirety, and all regulations relating to energy efficiency shall be included within the “**International Energy Conservation Code**” as adopted by the Town of Chino Valley, and as may be amended from time to time.

## CHAPTER 13 GENERAL MECHANICAL SYSTEM REQUIREMENTS

**Section M1307.3** entitled “**Elevation of Ignition Source**” is hereby amended to read as follows:

Exception: Elevation of the ignition source is not required for appliance that are listed as flammable-vapor-ignition resistant. This exception shall not apply to clothes dryers or manufactured sealed ignition (pilot) water heating systems installed in a private garage.

## CHAPTER 14 HEATING AND COOLING EQUIPMENT AND APPLIANCES

**Section M1414.1** entitled “**General**” is hereby amended by adding of a new second sentence to read as follows:

All factory-built fireplaces shall comply with the most current provisions of 40 CFR 60, Subpart AAA, and A.R.S. § 9-500.16.

## CHAPTER 24 FUEL GAS

**Section G2415.5** entitled “**Fittings in concealed locations**” is hereby amended by adding a sentence to read:

Flexible gas piping shall not be used in exterior walls.

## CHAPTER 29 WATER SUPPLY AND DISTRIBUTION

**Section P2902.3.5** entitled “**Reduced pressure principle backflow preventer assemblies**” is hereby amended by adding a second paragraph to read as follows:

If only one backflow device is required to be installed on a system it shall be a reduced pressure principle backflow preventer. If more than one backflow device is required to be installed on a system, the reduced pressure principle backflow preventer shall be installed between the water meter and all other devices. The additional devices shall be as specified in Table P2902.3.

**Section P2902.4** entitled “**Protection of potable water outlets**” is hereby amended to read as follows:

All connections to the potable water shall conform to Sections P2902.4.1 through 2902.5.6.

**A new Section P2902.4.4** entitled “**Yard hydrant**” is hereby added to read as follows:

**P2902.4.4 Yard hydrant.** Yard hydrants directly connected to the potable water system shall be sanitary yard hydrants.

**A new Section P2902.4.4.1** entitled “**Hose Bib Requirements**” is hereby added to read as follows:

**P2902.4.4.1 Hose Bib Requirements.** All dwelling units shall be provided with a minimum of 2 exterior hose bibs. Hose bibs shall be frost free, anti-siphon type.

**Section P2904** entitled “**Dwelling Unit Fire Sprinkler Systems**” is hereby deleted in its entirety.

**Section P2906.6.1** entitled “**Saddle tap fittings**” is hereby deleted in its entirety.

## INTERNATIONAL FUEL GAS CODE AMENDMENTS

### CHAPTER 1 SCOPE AND ADMINISTRATION

**Section 101.1** entitled “**Title**” is hereby amended to read as follows:

These regulations shall be known as the Town Fuel Gas Code of the Town of Chino Valley, herein known as “this code.”

**Section 109** entitled “**Means of Appeal**” is hereby deleted in its entirety and replaced with the following:

#### **SECTION 109 (IFGC) MEANS OF APPEAL**

**109.1 General.** Appeals shall be governed by the **International Building Code, Section 113**, entitled “**Board of Appeals**,” as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

### CHAPTER 2 DEFINITIONS

**Section 201.4** entitled “**Terms not defined**” is hereby amended to read as follows:

Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted as meaning such as the context implies. Webster’s Third New International Dictionary of the English Language, Unabridged, shall be considered as providing ordinarily accepted meanings.

**Section 202** entitled “**General Definitions**” is hereby amended by modifying the definition of “Code Official” as follows:

The Code Official shall be the Building Official as defined in the International Building Code, as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

### CHAPTER 3 GENERAL REGULATIONS

**Section 303.7** entitled “**Pit Locations**” is hereby amended by adding a new sentence to the end of the paragraph to read as follows:

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.

**Section 310.1** entitled “**Pipe and tubing other than CSST**” is hereby amended to add a new sentence to the end of the paragraph to read as follows:

Underground ferrous gas piping shall be electrically isolated from the rest of the gas system with listed or approved isolation fittings installed a minimum of six (6) inches above grade.

## CHAPTER 4 GAS PIPING INSTALLATION

**Section 404.5** entitled “**Fittings in concealed locations**” is hereby amended by adding a new sentence to read as follows:

Flexible gas piping shall not be used in exterior walls.

**Section 404.12** entitled “**Minimum Burial Depth**” is hereby amended to read as follows:

Underground piping systems shall be installed a minimum depth of 18 inches below grade except as provided for in Section 404.12.1.

**Section 406.4.1** entitled “**Test Pressure**” is hereby amended to read as follows:

The test pressure to be used shall be no less than 1 ½ times the proposed maximum working pressure, but not less than 10 psig, irrespective of design pressure. Where the test pressure exceeds 125 psig, the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

**Section 409.1.3** entitled “**Access to Shutoff Valves**” is hereby amended by adding a second sentence to read as follows:

All buildings shall be provided with a shutoff valve located at the point of entrance to the building on the downstream side of the gas meter or supply source. Multiple buildings on the same system shall have a separate shutoff valve for each building.

## CHAPTER 6 SPECIFIC APPLIANCES

**Section 602** entitled “**Decorative Appliance for Installation Fireplaces**” is hereby amended by adding a new **Section 602.4** entitled “**Gas Logs**” to read as follows:

**602.4 Gas Logs.** Approved gas logs installed in solid-fuel-burning fireplaces shall comply with the following:

1. The gas log shall be installed in accordance with the manufacturer’s installation instructions.
2. If the fireplace is equipped with a damper, it shall be permanently blocked open to a sufficient amount to prevent spillage of combustion products into the room.
3. The minimum flue passageway shall not be less than 1 square inch per 2,000 Btu/h input.
4. Gas logs, when equipped with a pilot shall have a listed safety shutoff valve.

## CHAPTER 7 GASEOUS HYDROGEN SYSTEMS

All Interpretation and Enforcement of **Chapter 7** is hereby delegated to the **Central Arizona**

**Fire and Medical Authority.**

## INTERNATIONAL MECHANICAL CODE AMENDMENTS

### CHAPTER 1 SCOPE AND ADMINISTRATION

**Section 101.1** entitled “**Title**” is hereby amended to read as follows:

These regulations shall be known as the Town Mechanical Code of the Town of Chino Valley, herein known as “this code.”

**Section 103** entitled “**Department of Mechanical Inspection**” is hereby deleted in its entirety and replaced with a new **Section 103** entitled “**Department of Building and Safety**” to read as follows:

#### **SECTION 103 DEPARTMENT OF BUILDING AND SAFETY**

**Section 103.1 Enforcement agency.** The Department of Building and Safety shall be the enforcement agency for this code and the official in charge thereof shall be known as the Building Official.

**Section 106.5.3** entitled “**Fee refunds**” is hereby amended to read as follows:

The Building Official is authorized to refund any fee paid hereunder, when such fee was erroneously paid or collected.

The Building Official shall be authorized to refund not more than 75 percent of the permit fee paid when the permit is withdrawn or canceled before any work has commenced. Plan check fees are nonrefundable. A written request by the applicant shall be submitted to the Building Official outlining the refund request before the refund process will begin.

**Section 108.4** entitled “**Violation penalties**” is hereby deleted in its entirety.

**Section 109** entitled “**Means of Appeal**” is hereby deleted in its entirety and replaced with the following:

#### **SECTION 109 MEANS OF APPEAL**

**109.1 General.** Appeals shall be governed by the **International Building Code, Section 113**, entitled “**Board of Appeals**,” as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

### CHAPTER 9 SPECIFIC APPLIANCES, FIREPLACES AND SOLID FUEL-BURNING EQUIPMENT.

**Section 903.1** entitled “**General**” is hereby amended by adding a new second sentence to read as follows:

All factory-built fireplaces shall comply with the most current provisions of 40 CFR 60, Subpart AAA.

**Section 904.1** entitled “**General**” is hereby amended by adding a new second sentence to read as follows:

All factory-built fireplaces shall comply with the most current provisions of 40 CFR 60, Subpart AAA, and A.R.S. § 9-500.16.

**Section 905.1** entitled “**General**” is hereby amended by adding a new third sentence to read as follows:

All factory-built fireplaces shall comply with the most current provisions of 40 CFR 60, Subpart AAA.

**Section 913.1** entitled “**General**” is hereby amended by adding an exception to read as follows:

Exception: Clothes dryers installed in private garages.

## INTERNATIONAL PLUMBING CODE AMENDMENTS

### CHAPTER 1 SCOPE AND ADMINISTRATION

**Section 101.1** entitled “**Title**” is amended to read as follows:

These regulations shall be known as the Town Plumbing Code of the Town of Chino Valley, herein known as “this code.”

**Section 103.1** entitled “**General**” is hereby amended to read as follows:

The “Department of Building and Safety” shall be the enforcement agency for this code and the official in charge thereof shall be known as the building official.

**Section 106.6.3** entitled “**Fee refunds**” is hereby amended to read as follows:

The Building Official is authorized to refund any fee paid hereunder, when such fee was erroneously paid or collected.

The Building Official shall be authorized to refund not more than 75 percent of the permit fee paid when the permit is withdrawn or canceled before any work has commenced. Plan check fees are nonrefundable. A written request by the applicant shall be submitted to the Building Official outlining the refund request before the refund process will begin.

**Section 109** entitled “**Means of Appeal**” is hereby deleted in its entirety and replaced with the following:

#### **SECTION 109 MEANS OF APPEAL**

**109.1 General.** Appeals shall be governed by the **International Building Code, Section 113**, entitled “**Board of Appeals**,” as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

### CHAPTER 2 DEFINITIONS

**Section 201.4** entitled “**Terms not defined**” is hereby amended to read as follows:

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

**Section 202** entitled “**General Definitions**” is hereby amended by modifying the definition of “Code Official” as follows:

The Code Official shall be the Building Official as defined in the International Building Code, as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

## CHAPTER 3 GENERAL REGULATIONS

**Section 305.4** entitled “**Freezing**” is hereby amended to require that the minimum burial depth for water, soil and waste Pipes is 18”.

**Section 305.4 .1** entitled “**Sewer depth**” is hereby amended to require that the minimum burial depth is 6” below frost line and not less than a depth of 18”.

## CHAPTER 4 FIXTURES, FAUCETS AND FIXTURE FITTINGS

**Table 403.1** entitled “**Minimum Number of Fixtures**” is hereby amended by adding the following footnotes:

- G. Water coolers, Goose neck spigot at a non-restroom/utility sink, or bottled water dispensers may be substituted for drinking fountains in B, M, and S occupancies with 25 or fewer occupants. Such water shall be free of charge and accessible to the public.
- H. Goose neck faucets on a lavatory or a hose bib located within a restroom may be substituted for the required utility sink in B, M, and S occupancies with 25 or fewer occupants. Hose bibs shall comply with Section 608.15.4.2 of the International Plumbing Code.
- I. Family or assisted-use toilet and bath fixtures restrooms shall consist of a minimum a 117.1-2009 compliant toilet, lavatory sink, urinal and baby changing table with accommodating accessible clearances per a 117.1-2009

## CHAPTER 6 WATER SUPPLY AND DISTRIBUTION

**Section 603** entitled “**Water Service**” is hereby amended by adding a new **Section 603.2.1.1** entitled “**Burial Depth**” to read as follows:

**603.2.1.1 Burial Depth.** The water service pipe shall be buried a minimum of 18 inches below finish grade and be covered with clean backfill free of sharp rocks.

**Section 606.1** entitled “**Location of full-open valves**” is hereby amended by deleting item number 2.

**Section 608.16.4.2** entitled “**Hose connections**” is hereby amended by the addition of a new sentence at the end of the paragraph to read as follows:

Yard hydrants connected to the potable water system shall be “sanitary yard hydrants.”

## **INTERNATIONAL ENERGY CONSERVATION CODE AMENDMENTS**

### **CHAPTER 1 SCOPE AND ADMINISTRATION**

**Section C101.1** entitled “**Title**” is amended to read as follows:

These regulations shall be known as the Town Energy Conservation Code of the Town of Chino Valley, herein known as “this code.”

**Section C104.5** entitled “**Refunds**” is hereby amended to read as follows:

The Building Official is authorized to refund any fee paid hereunder, when such fee was erroneously paid or collected.

The Building Official shall be authorized to refund not more than 75 percent of the permit fee paid when the permit is withdrawn or canceled before any work has commenced. Plan check fees are nonrefundable. A written request by the applicant shall be submitted to the Building Official outlining the refund request before the refund process will begin.

**Section C109** entitled “**Board of Appeals**” is hereby deleted in its entirety and replaced with a new **Section C109** entitled “**Means of Appeal**” to read as follows:

#### **SECTION C109 MEANS OF APPEAL**

**C109.1 General.** Appeals shall be governed by the **International Building Code, Section 113**, entitled “**Board of Appeals**,” as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

### **CHAPTER 2 DEFINITIONS**

**Section C201.4** entitled “**Terms not defined**” is hereby amended to read as follows:

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

**Section C202** entitled “**General Definitions**” is hereby amended by modifying the definition of “Code Official” as follows:

The Code Official shall be the Building Official as defined in the International Building Code, as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

## INTERNATIONAL EXISTING BUILDING CODE AMENDMENTS

### CHAPTER 1 SCOPE AND ADMINISTRATION

**Section 101.1** entitled “**Title**” is amended to read as follows:

These regulations shall be known as the Town Existing Building Code of the Town of Chino Valley, herein known as “this code.”

**Section 108.6** entitled “**Refunds**” is hereby amended to read as follows:

The Building Official is authorized to refund any fee paid hereunder, when such fee was erroneously paid or collected.

The Building Official shall be authorized to refund not more than 75 percent of the permit fee paid when the permit is withdrawn or canceled before any work has commenced. Plan check fees are nonrefundable. A written request by the applicant shall be submitted to the Building Official outlining the refund request before the refund process will begin.

**Section 112** entitled “**Board of Appeals**” is hereby deleted in its entirety and replaced with a new **Section 112** entitled “**Means of Appeal**” to read as follows:

#### **SECTION 112 MEANS OF APPEAL**

**112.1 General.** Appeals shall be governed by the **International Building Code, Section 113**, entitled “**Board of Appeals**,” as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

### CHAPTER 2 DEFINITIONS

**Section 201.4** entitled “**Terms not defined**” is hereby amended to read as follows:

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

**Section 202** entitled “**General Definitions**” is hereby amended by modifying the definition of “Code Official” as follows:

The Code Official shall be the Building Official as defined in the International Building Code, as amended by the Town of Chino Valley Building and Technical Code Amendments, 2018 Edition, Amended and Restated October 2022.

**TOWN OF CHINO VALLEY OCTOBER 2022 TOWN CODE AMENDMENTS  
RELATING TO THE BUILDING ADVISORY BOARD**

**§ 150.007 Building Advisory Board.**

**(A) *Establishment; Terms; Termination; Vacancies; Compensation.***

(1) There is hereby established a Building Advisory Board (the "Board") consisting of five members appointed by Town Council to advise the Building Official in matters pertaining to the development and enforcement of the Town's building, residential, fuel gas, mechanical, plumbing, energy conservation, existing building, electrical, and property maintenance codes.

(2) Members shall serve three-year terms. Any member whose term expires is eligible for reappointment to a subsequent three-year term.

(3) Town Council may remove a member, after a public hearing, for inefficiency, neglect of duty, or malfeasance in office. Absence from three consecutive meetings without just cause is grounds for removal.

(4) In the event of a vacancy, Town Council shall fill the vacancy for the remainder of the unexpired term.

(5) Members shall serve without compensation; however, members may be reimbursed for actual expenses incurred in connection with their duties.

**(B) *Composition.*** The Board members must comprise the following; however, should no such professionals be available for appointment, Town Council may appoint persons whose backgrounds approximate the knowledge and expertise sought:

(1) One representative from the Central Arizona Fire and Medical Authority with not less than 10 years' relative experience, who shall be an ex officio non-voting member, and must be consulted in matters related to fire safety.

(2) The Building Official, who shall be an ex officio non-voting member and serve as Board Secretary.

(3) At least one of each of the following, each of which must have not less than 10 years' experience:

(a) A licensed Arizona General Contractor.

(b) A licensed Arizona Plumbing Contractor.

(c) A licensed Arizona Electrical Contractor or licensed Arizona Mechanical Contractor.

(d) An Arizona Registered Engineer or Architect.

(e) A citizen-at-large, who shall be indirectly associated with the construction industry, such as an insurance agent, realtor, or appraiser.

(C) **Officers.** At the first meeting after the establishment of the Board, and annually thereafter, the Board shall elect a chairperson and vice chairperson from among its members, who shall serve for one year, and until their successors are elected and qualified. The chairperson shall preside at all meetings and exercise all the usual rights, duties, and prerogatives of the head of any similar organization. The vice chairperson shall perform the duties of the chairperson in the latter's absence or disability. In the event of a vacancy in the chairmanship, the vice chairperson shall become chairperson to serve for the remainder of the prior chairperson's term, and an election shall be held at the next meeting to fill the office of vice chairperson for the remainder of that term.

(D) **Meetings; Procedures.**

(1) All Board meetings must be held at the call of the chairperson and at such other times as the Board may determine. Except for executive sessions authorized by law, all Board meetings must be open to the public.

(2) Three members of the Board constitute a quorum for transacting business. A majority vote of the members present and voting shall be required to take official action. No member shall be excused from voting except on matters involving the consideration of his or her own official conduct. In all other cases, a failure to vote shall be entered in the minutes as an affirmative vote.

(3) The Board shall adopt rules and regulations as it sees fit to properly and efficiently discharge its official duties. In such rules and regulations, the Board may delegate specific responsibilities and tasks to be performed by one or more sub-boards.

(E) **Powers and Duties.**

(1) The Board shall be responsible for:

(a) Recommending to Town Council desirable building, fuel gas, mechanical, plumbing, energy efficiency, and electrical code standards for commercial and residential buildings and structures, and amendments thereto.

(b) Soliciting or receiving input from members of the design and construction industry, and the general public, concerning commercial and residential building, fuel gas, mechanical, plumbing, energy efficiency, and electrical code issues, concerns, or trends, and providing appropriate direction to the Building Official, as required.

(c) Recommending commercial and residential building, fuel gas, mechanical, plumbing, energy efficiency, and electrical code-related education and training programs, activities, or events for members of the design and construction industry and the public, and providing appropriate direction to the Building Official to implement the same.

(d) Serving as the Board of Appeals to hear and decide appeals of orders, decisions, or determinations made by the Building Official or Building

Division staff relative to the application and implementation of the Town's building, residential, fuel gas, mechanical, plumbing, energy conservation, existing building, electrical, and property maintenance codes.

(2) The Board does not have authority over the implementation of the adopted administrative provisions of the Town's building, residential, fuel gas, mechanical, plumbing, energy conservation, existing building, electrical, and property maintenance codes, or to waive any requirements of such codes.

(F) **Appeals; Procedure.** Any person may appeal the interpretation of the Town's building, residential, fuel gas, mechanical, plumbing, energy conservation, existing building, electrical, and property maintenance codes in accordance with the following:

(1) The appeal shall be in writing to the Director of Development Services, upon such forms as provided by the Department of Development Services. The appellant shall set forth the code section in dispute and explain the reasons upon which the appellant believes the Building Division staff has incorrectly interpreted the code.

(2) The Building Official shall promptly review the appeal and prepare a written report and recommendation, which shall be provided to the Board of Appeals no later than 10 days following receipt of the appeal.

(3) The Board shall conduct a hearing to review the appeal and the staff report at the Board's convenience, no later than 20 days after the Building Official's receipt of the appeal. The Building Official shall, at least seven days prior to the hearing, notify each member of the Board, and the appellant, of the date, time, and place of the hearing.

(4) At the hearing, the Board shall receive testimony concerning the appeal from Town staff, the appellant, and from the public, if applicable. The appellant shall appear in person before the Board or may be represented by legal counsel and may introduce evidence to support his or her claim. The appellant shall conduct, at his or her own expense, any tests or research required by the Board to substantiate his or her claim.

(5) Following the hearing, the Board shall vote to reverse or affirm, in whole or in part, or modify the order, requirement, or decision of the Building Official or Building Division staff, and make such order, requirement, or determination as necessary, with or without conditions or alterations. The Board Secretary shall keep an accurate record of the Board's official transactions and render all such decisions and findings in writing to the appellant and to other persons as appropriate.

(6) The Board's decision on the appeal is deemed final.