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OFFICIAL RECORDS OF
PINAL COUNTY RECORDER
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ORDINANCE NO. 121819-BCO

AN ORDINANCE OF THE PINAL COUNTY, ARIZONA, BOARD OF SUPERVISORS AMENDING THE PINAL COUNTY DEVELOPMENT SERVICES CODE, TITLE 6, CHAPTER 6.05, SECTION 6.05.030, BUILDING CODE; ESTABLISHING AN EFFECTIVE DATE; AND DIRECTING ITS PUBLICATION

WHEREAS, the Pinal County Board of Supervisors ("Board") is authorized pursuant to Arizona Revised Statutes §11-861, *et seq.*, to, among other things, adopt and enforce a building code and other related codes; and

WHEREAS, on February 10, 2010, the Board adopted Ordinance No. 2010-021010-DSC, recorded in the Official Records of the Pinal County Recorder on February 16, 2010 as Fee No. 2010-013901 approving the codification of the Pinal County Development Services Code (the "Code"); and

WHEREAS, the Board's ordinances, rules and regulations concerning building and other related codes are codified in Title 6, Chapter 6.05, Section 6.05.030, Building Code, of the Code ("Title 6"); and

WHEREAS, the Board has determined it is in the best interest of the County to amend Title 6; and

WHEREAS, the Pinal County Planning and Zoning Commission held a public hearing on this Ordinance on September 19, 2019, giving no less than 15 days-notice thereof and forwarded a recommendation of approval to the Board; and

WHEREAS, the Board held a work session on this Ordinance on September 18 2019; held a public hearing on this Ordinance after the aforesaid work session on December 18, 2019, giving no less than 15 days-notice thereof; and made copies of this Ordinance available to all Justice Courts, Supervisors' District Offices, the Office of the Clerk of the Board and the County web site at least 15 days prior to the aforesaid public hearing.

NOW, THEREFORE, BE IT ORDAINED by the Pinal County Board of Supervisors as follows:

Section 1: Title 6, Chapter 6.05, Section 6.05.030, Building Code, is hereby amended in its entirety to read as follows:

6.05.030 Building code.

A. The code documents described hereinafter, as published, or as specifically amended by the board of supervisors, are hereby adopted by reference as if fully set out herein, as the Pinal County building code, pursuant to ARS 11-861 et seq.

1. International Building Code, 2018 Edition, as amended in Exhibit A, attached hereto, published by the International Code Council hereinafter described as Attachment No. 1, or ICC, including the following listed Appendix Chapters with amendments attached hereto in Exhibit A:

- a. Appendix I – Patio Covers.
- b. Appendix J – Grading.
- c. Appendix K – ICC Electrical Code.

2. International Residential Code, 2018 Edition, as amended in Exhibit B, attached hereto, published by the International Code Council, hereinafter described as Attachment No. 2 or IRC, including the following listed Appendix Chapters with amendments attached hereto in Exhibit B:

- a. Appendix A – Sizing and Capacities of Gas Piping.
- b. Appendix B – Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category I Appliances, and Appliances Listed for Use and Type B Vents.
- c. Appendix C – Exit Terminal of Mechanical Draft and Direct-Vent Venting Systems.
- d. Appendix H – Patio Covers.
- e. Appendix J – Existing Buildings and Structures.
- f. Appendix N – Venting Methods.
- g. Appendix P – Sizing Water Piping.
- h. Appendix S – Straw Bale Construction.

3. International Property Maintenance Code, 2018 Edition, as amended in Exhibit C, attached hereto, published by the International Code Council, hereinafter described as Attachment No. 3 or IPMC.

4. International Mechanical Code, 2018 Edition, as amended in Exhibit D, attached hereto, published by the International Code Council, hereinafter described as Attachment No. 4, or IMC.

5. International Plumbing Code, 2018 Edition, as amended in Exhibit E, attached hereto, published by the International Code Council, hereinafter described as Attachment No. 5, or IPC.

6. National Electric Code 2017 Edition, as amended in Exhibit F, attached hereto, published by the National Fire Protection Association (NFPA), hereinafter described as Attachment No. 6, or NEC, including the following listed Annex Chapter with amendments attached hereto in Exhibit F:

a. Annex H – Administration and Enforcement.

7. International Swimming Pool and Spa Code, 2018 Edition, as amended in Exhibit J, attached hereto, published by the International Code Council, hereinafter described as Attachment No. 7, or ISPCS.

8. International Energy Conservation Code, 2018 Edition, as amended by Exhibit I, attached hereto, published by the International Code Council, hereinafter described as Attachment No. 8, or IECC.

9. International Fuel Gas Code, 2018 Edition, as amended in Exhibit G, attached hereto, published by the International Code Council hereinafter described as Attachment No. 9 or IFGC.

10. International Fire Code, 2018 Edition, as amended in Exhibit H, attached hereto, published by International Code Council, hereinafter described as Attachment 10 or IFC:

a. Appendix B – Fire Flow Requirements.

b. Appendix D – Fire Apparatus Access

B. Copies of attachments described in subsection A of this section are to be available for public reference and inspection as follows:

1. One copy of Attachments Nos. 1 through 10 shall be kept on file in the office of the Clerk of the Board of Supervisors.

2. One copy of Attachments Nos. 1 through 10 shall be kept on file in each district office of the Board of Supervisors.

3. Two copies each of Attachments Nos. 1 through 10 shall be kept on file in the departmental library of the Department of Building Safety.

Section 2: This Ordinance shall take effect 30 days after the date of its adoption.

Section 3: This Ordinance shall be published at least once in a newspaper of general circulation in the County seat after its adoption.

PASSED AND ADOPTED this 18 day of December 2019, by the PINAL COUNTY BOARD OF SUPERVISORS.



Chair of the Board

ATTEST:



Clerk/Deputy Clerk of the Board

APPROVED AS TO FORM:



Deputy County Attorney

EXHIBIT A

2018 INTERNATIONAL BUILDING CODE AMENDMENTS

Chapter 1, ADMINISTRATION

Amend section 101 general. By replacing [name of jurisdiction] with “Pinal County”

Amend section 101.2 scope. By adding the word “installation” after the word “alterations,” and adding a comma after the word “connected”. Also delete the word “or” and add “or detached” after the word “attached”.

Amend **Section 105.2 Work Exempt from permit**, as follows:

Building: Item 1 amend by deleting “one-story”, and replace it with “one single- story” at the beginning of the sentence. Also adding the word “gross” before floor area. Delete “120 square feet” and replace it with “200 square feet”, add the words “wall heights shall not exceed 10 feet above finished grade maximum wall height of ten feet above finished grade” at the end of the sentence.

Building, Item 9 delete “24” inches and change it to “18” inches.

Amend **Section 112 Service Utilities** by adding a new section as follows:

112.4 Utility Company Agreement. Inspection of service equipment and related apparatus will be required prior to re-connection of electric power or gas service for all buildings that have been vacant more than six months.

Chapter 3, USE, OCCUPANCY AND CLASSIFICATION

Amend **Section 308.2 Group I-1** by placing an asterisk * after the words “Assisted living facilities” and the words “group homes”, and at the end of the section adding the following:

*Assisted living and similar facilities shall comply with the provisions of A.A.C., Arizona Department of Health Services, Title 9, Chapter 10, Article 7.

Amend **Section 308.2.4** “Five or fewer persons receiving custodial care.” by placing a period after *International Residential Code* and deleting the remainder of the section.

Amend **Section 308.3.2** “Five or fewer persons receiving medical care.” by placing a period after *International Residential Code* and deleting the remainder of the section.

Amend **Section 310.5 Residential Group R-4** by placing an asterisk * after the words “Assisted living facilities” and at the end of the section add the following:

*Assisted living and similar facilities shall comply with the provisions of A.A.C., Arizona

Department of Health Services, Title 9, Chapter 10, Article 7.

Amend **Section 310.5.1 and 310.5.2** condition 1 and condition 2 by adding a new exemption at the end of each condition. “**Exemption:** fire sprinklers shall not be required in existing single family dwellings when the occupant load is ten or fewer, excluding staff.”

Chapter 9 – FIRE PROTECTION SYSTEMS

Amend **903.2.8.1 Group R-3** by adding “when installed” at the beginning of the sentence.

Amend **903.2.8.2 Group R-4**, condition 1 by adding an exemption at the end of the sentence. “**Exemption:** Fire sprinklers shall not be required in existing single family dwellings when the occupant load is ten or fewer, excluding staff.”

Amend **903.2.8.3 Group R-4**, condition 2 by adding an exemption at the end of the sentence. “**Exemption:** fire sprinklers shall not be required in existing single family dwellings when the occupant load is ten or fewer, excluding staff.”

Chapter 23, WOOD

Amend **Section 2304.12.4 Termite Protection**, by adding the following new paragraphs after the last sentence:

Within the perimeter of the foundation of any building which requires a building permit, the base course of all fill which is used to support a concrete slab shall be treated against termite infestation. The soil treatment shall be applied by a duly licensed applicator in accordance with the rules and regulations of the Arizona Structural Pest Control Commission.

Termite retardant chemicals shall be applied prior to placing the concrete. If the soil has been treated and the fill is disturbed prior to pouring the slab, or if the concrete is not poured within the time limit specified for the chemical used, the soil must be retreated according to the same standards. If a concrete slab has been poured prior to pre-treatment, the site must be treated in accordance with the rules and regulations referenced herein above.

EXCEPTION: Buildings accessory to Group R, Division 3 and buildings with floors and walls built of metal, masonry, concrete or other non-wood product.

Certification of such soil treatment shall be furnished to the Building Official when requested, and shall include the name of the applicator, state license number, chemicals used, time and location of application, and length of warranty.

Chapter 30, ELEVATORS AND CONVEYING SYSTEMS

Amend **Section 3001.1 Scope** by adding the following sentence at the end of the paragraph:
Title 12, Chapter 2, Article 12, Arizona Revised Statutes for additional requirements.

EXHIBIT B

2018 INTERNATIONAL RESIDENTIAL CODE AMENDMENTS

Chapter 1, ADMINISTRATION

Amend **Section 101 General** by replacing name of jurisdiction with “Pinal County”

Amend **Section R101.2 Scope**. By adding word “installation” after the word “alteration.”

Amend “**R101.2 Scope, Exception:**” by placing a period after the word “code” and deleting the remainder of sentence.

Amend **Section R105.2 Work Exempt from permit** as follows:

Amend Item 1. By deleting “One story”, and replace with the words “One single-story” at the beginning of the sentence. Also adding the word “gross” before floor area. Delete the words “120 square feet” and replace it with “200 square feet”, add “wall heights shall not exceed 10 feet above finished grade” at the end of the sentence.

Add a new item 11 as follows:

11. Attached Patio and Porch covers not exceeding 120 square feet of projected roof area with a maximum depth of 8 feet. Provided such cover:

- Is constructed as an addition, and
- Uses minimum of 2" x 6" rafter material, 4" x 4" posts and 4"x6" beams securely fastened, and
- Attached end of rafter is supported by existing bearing wall and not from the fascia, and
- The proposed roof does not encroach on the required yard setbacks.

Amend **Section R111 Service Utilities** by adding a new subsection as follows:

R111.4 Utility Company Agreement. Inspection of service equipment and related apparatus will be required prior to re-connection of electric power or gas service for all buildings that have been vacant more than six months.

Chapter 3, BUILDING PLANNING

Amend **Table R301.2 (1)** by inserting the following text:

Ground Snow Load	0 at 3500'
Wind Design (Speed)	115mph

Wind Design (Topographic Effects)	No
Seismic Design Category	B
Weathering	Negligible
Climate Zone	2B
Frost Line Depth	0
Termite	Moderate to heavy
Winter Design Temperature	34
Ice Barrier Underlayment require	No
Flood Hazards	FEMA
Air Freezing Index	50
Mean Annual Temperature	67

Amend **Table R302.1 (1) Exterior Walls** in the column for Fire Resistance Rating, first row, after the words “both sides” add “or designed per the prescriptive requirements of Section 721 of the International Building Code.

Delete Table R302.1 (2) Exterior Walls-Dwellings with Fire Sprinklers

Amend R302.2 Townhouses, Exception as follows:

1) At the first sentence delete 1 hour and change to 2 hours.

At the end of first sentence, add the following “or as designed per Section 721 of the 2018 International Building Code.

After the last sentence add, “The common wall may be reduced to 1 hour when provided with a fire sprinkler system per P2904.

Amend **Section 302.3 Two Family Dwellings** by adding after the word “UL263” in the first sentence, “or designed per Section 721 of the International Building Code.”

Delete **Section R303.4** in its entirety.

Amend **Section R303.10 Required Heating** by revising the title to read “**Required Heating and Cooling**” and by adding the following sentence to the end of the subsection:

“Every dwelling unit and guest room shall be provided with cooling facilities capable of maintaining a room temperature of not more than 80E F. (62EC.) at a point 3 feet above the floor in all habitable rooms under the average local climate conditions.”

Delete **Section R309.5 Fire Sprinklers** in its entirety.

Amend **Section 310.1 Emergency Escape and Rescue Required**. Delete Exception 2, 2.1, and 2.2

Amend **Section R311.2 Egress Door** at the end of the second sentence after “90 degrees (1.57 rad)” by adding “and in no case shall the egress door be less than 36 inches wide”.

Amend **Section R313.1 Automatic Fire Sprinkler Systems** as follows:

At the first sentence by deleting the word “shall” and replacing it with “may”.

Delete the exception in its entirety.

Amend **Section R313.1.1 Design and Installation** by adding “When provided” at the beginning of the sentence.

Amend **Section R313.2 One and Two Family Dwellings Automatic Fire Systems** as follows:

At the first sentence, delete the word “shall” and replace it with the word “may”.

Delete the exception in its entirety.

Amend **Section R313.2.1 Design and Installation** by adding “When provided” at the beginning of the sentence.

Amend **Section R318.2 Chemical termiticide treatment** by adding the following paragraphs after the last sentence:

Within the perimeter of the foundation of any building which requires a building permit, the base course of all fill which is used to support a concrete slab shall be treated against termite infestation. The soil treatment shall be applied by a duly licensed applicator in accordance with the rules and regulations of the Arizona Structural Pest Control Commission.

Termite retardant chemicals shall be applied prior to placing the concrete. If the soil has been treated and the fill is disturbed prior to pouring the slab, or if the concrete is not poured within the time limit specified for the chemical used, the soil must be retreated according to the same standards. If a concrete slab has been poured prior to pre-treatment, the site must be treated in accordance with the rules and regulations referenced herein above.

EXCEPTION: Buildings accessory to group R, Division 3 and buildings with floors and walls built of metal, masonry, concrete or other non-wood products.

Certification of such soil treatment shall be furnished to the building official when requested, and shall include the name of the applicator, state license number, chemicals used, time and location of application, and length of warranty.

Chapter 4 FOUNDATIONS

Amend **Section R403.1 General**, at the end of the last sentence and add the following:

“and be provided with reinforcement as required in **Sections R403.1.3.1 and R403.1.3.2 Foundations with stem walls** and **R403.1.3.3 Slabs-on-ground with turned-down footings.**”

Chapter 11 ENERGY EFFICIENCY

Add new **Section N1101.4.1 RESNET Testing and Inspection Protocol**. The Residential Energy Services Network (RESNET) Mortgage Industry National Home Energy Rating System Standards Protocol for third party testing and inspections, shall be deemed to meet the requirements of sections R402.4.1.1, R402.4.1.2 and R402.2.2 and meet the following conditions:

1. Third Party Testing and Inspections shall be completed by RESNET certified Raters or Rated Field Inspectors and shall be subject to RESNET Quality Assurance Field Review Procedures.
2. Sampling in accordance with Chapter 6 of the RESNET Standards shall be performed by Raters or Rating Field Inspectors working under RESNET Accredited Sampling Provider.
3. Third Party Testing is required for the following items:
 - a. N1102.4.1.1 – Building Envelope – Thermal and Air Barrier Checklist.
 - b. N1102.4.1.2 – Testing – Air Leakage Rate.
 - c. N1103.3.2 – Sealing – Duct Tightness.
4. Alternate testing and inspection programs and protocols shall be allowed when approved by the Building Official

Amend **Section N1103.3.1 Insulation** (prescriptive), in the first sentence, replace the word “R-8” with the word “R-6”

Chapter 13 GENERAL MECHANICAL SYSTEM REQUIREMENTS

Amend **Section 1307 Appliance Installation** by adding a new section as follows:
Section M1307.7 Liquefied Petroleum Appliances. LPG appliance shall not be installed in a pit or other location that would cause a ponding or retention of gas.

Chapter 24, FUEL GAS

Amend **Section G2406 (303), Appliance Location** by adding a new section as follows:
“Section G2406.4 Liquefied Petroleum Appliances. LPG appliances shall not be installed in a pit or other location that would cause ponding or retention of gas.”

Amend **Section G2415.12 (404.12) Minimum Burial Depth** by adding the word “metallic” after Underground, and after the word grade, add “plastic piping shall be installed at a minimum depth of 18 inches below grade”. Delete “except as provided for in Section G2415.12.1.”

Delete **Section G2415.12.1 Individual Outside Appliances** in its entirety.

Chapter 26, GENERAL PLUMBING REQUIREMENTS

Amend **Section P2603.5.1 Sewer Depth** insert 12” inside both bracket locations.

Chapter 29, WATER SUPPLY AND DISTRIBUTION

Amend **Section P2904 Title**, by adding the word “Optional” in the beginning of the title

Amend **Section P2904.1 General** by adding “When installed” at the beginning of the first sentence.

Amend **P2904.1.1 Required Sprinkler Locations** by adding “When installed” at the beginning of the sentence.

Chapter 38, WIRING METHODS

Add **Section E3802.8 Earthen Material Wiring Method** as follows:

For use in mortar joints of burnt and stabilized adobe construction in occupancies where the use of Nonmetallic-Sheathed Cable is permitted by this code. *Code does not permit use in “Rammed Earth” type construction.*

EXHIBIT C

2018 INTERNATIONAL PROPERTY MAINTENANCE CODE AMENDMENTS

Chapter 1, ADMINISTRATION

Amend **Section 101.1 Title** by adding the following in the insert: “Pinal County”

Amend **Section 103. 5 Fees** by placing the following in the insert at the end: “The Pinal County Building Permit Fee Schedule”

Amend **Section 108.1.4 Unlawful structure** at the first sentence by deleting the following: “occupied by more persons than permitted under this code.”

Add the word “installed,” after the words “or was.”

Amend **Section 112.4 Failure to comply** by deleting everything after “shall be” in the first sentence and replacing with the following: “subject to a fee established by the applicable governing authority that shall be in addition to the required permit fees as prescribed by the current adopted fee schedule.”

Chapter 3, GENERAL REQUIREMENTS

Delete **Section 302.3 Sidewalks and driveways** in its entirety.

Delete **Section 302.4 Weeds** in its entirety.

Delete section **302.5 Rodent Harborage** in its entirety.

Delete section **302.6 Exhaust Vents** in its entirety.

Delete Section **302.8 Motor vehicles** in its entirety.

Delete Section **302.9 Defacement of property** in its entirety.

Delete Section **303 Swimming Pools, Spas and Hot Tubs** in its entirety.

Delete Section **304.2 Protective treatment** in its entirety.

Delete Section **304.14 Insect screen** in its entirety.

Delete Section **304.19 Gates** in its entirety.

Amend Section **305.3 Interior surfaces** in its entirety.

Amend Section **308 Rubbish And Garbage**, by deleting Sections 308.2 Through 308.3.2

Delete Section **309 Pest Elimination** in its entirety.

Chapter 4, LIGHT, VENTILATION AND OCCUPANCY LIMITATIONS

Delete Section **404.1 Privacy** in its entirety.

Delete Section **404.4.2 Access From Bedrooms**.

Delete Section **404.4.3 Water Closet Accessibility**.

Delete Section **404.5 Overcrowding** in its entirety.

Chapter 5, PLUMBING FACILITIES AND FIXTURE REQUIREMENTS

Delete Section **502.5 Public toilet facilities** in its entirety.

Delete Section **506.3 Grease interceptors** in its entirety.

Delete Section **507 Storm Drainage** in its entirety.

Chapter 6, MECHANICAL AND ELECTRICAL REQUIREMENTS

Amend the Title to Section **602** by adding the words “**and COOLING**”, after “**HEATING**”.

Amend Section **602.1 Facilities required** by adding the words “and Cooling” after the word Heating.

Add a new **Section 602.2.1 Cooling** to read as follows:

Section 602.2.1 Cooling. In addition to the requirements of Section 602.2, cooling facilities shall be supplied capable of maintaining a temperature of not greater than 80 degrees.

Amend **Section 602.3 Heat supply** by adding the following in the inserts [DATE]: “September” to “May”

Add a new **Section 602.3.1** to read as follows:

Section 602.3.1 Cooling. In addition to the requirements of Section 602.3, cooling facilities shall be supplied capable of maintaining a temperature of not greater than 80 degrees.

Amend **Section 602.4** by adding the following in the insert [DATE]: “September” to “May”

Chapter 7, FIRE SAFETY REQUIREMENTS

Delete **Section 703 - Fire Resistance Ratings** in its entirety.

Delete **Section 704 – Fire Protection Systems** in its entirety.

Delete **Section 705 – Carbon Monoxide Alarms and Detection** in its entirety.

APPENDIX A: BOARDING STANDARD

Amend **Section A101.1 General** to read: “All unsecured openings shall be boarded in an approved manner to prevent entry.”

EXHIBIT D

2018 INTERNATIONAL MECHANICAL CODE AMENDMENTS

Chapter 3, GENERAL REGULATIONS

Amend **Section 304.11 Guards** by adding an exception at the end of the subsection as follows:

Exception: The requirements of this subsection shall not apply to one and two-family dwellings.

Amend **Section 306.5.1 Sloped roofs** by adding an exception at the end of the subsection as follows:

Exception: The requirements of this subsection shall not apply to one and two-family dwellings.

Amend **Section 309.1 Space Heating Systems** by adding the words “**and Cooling**” after

Heating so the title reads **Section 309.1 Heating and Cooling Systems.**

Add the following sentence to the end of the subsection: “Such spaces shall also be provided with a cooling system capable of maintaining a maximum indoor temperature of 80F. (26C.) at a point 3' above the floor.”

Amend **Section 401.2 Ventilation Required** by deleting the 2nd sentence.

EXHIBIT E

2018 INTERNATIONAL PLUMBING CODE AMENDMENTS

Chapter 3, GENERAL REGULATIONS

Delete **Section 304 Rodent proofing** in its entirety.

Amend **Section 305.4.1 sewer depth.** Replace [number] with 12” in both locations

Delete **Section 309 Flood proofing** in its entirety.

Section 312.1 Required Tests. Revise section by deleting the last two sentences of the first paragraph

Amend **section 410.2 small occupancies,** by replacing 15 with 30, to read “drinking fountains shall not be required for an occupant load of 30 or fewer.”

Chapter 6, WATER SUPPLY AND DISTRIBUTION

Amend **Section 607.2 Hot or tempered water supply to fixtures** at the first sentence by deleting 50 (15 240 mm) and replacing with 100 feet (30 480 mm).

EXHIBIT F

2017 NATIONAL ELECTRICAL CODE AMENDMENTS

Article 210– BRANCH CIRCUITS

Amend **Section 210.5 Identification For Branch Circuits.** By deleting Section (C) (1) and replacing it

with The Following:

(C)(1) Ungrounded Conductors. Branch circuits shall conform to the following color code.

volts	phase	System	Phase a	Phase b	Phase c	Grounded conductor
120/208	3	Wye	Black	Red	Blue	White
277/480	3	Wye	Brown	Orange	Yellow	Grey
120/240	3	Delta	Black	Orange	Red	White

Exception no. 1: the above color-coding is not required in residential occupancies.

Exception no. 2: industrial occupancies holding a registered plant permit may use their own coding system.

Exception no. 3: additions to an existing electrical system, where an acceptable color-coding system exists,

The existing color coding system shall be continued.

Amend **Section 210.11 (C) Dwelling Units.** By adding an item (5) to read:

210.11(C) (5) Dishwasher and Garbage Disposer Branch Circuit. In residential occupancies a dishwasher and a garbage disposer may be supplied by the same 20 ampere 120V Branch Circuit.

Article 230 – SERVICES

SECTION 230.70 (B). Revise section by adding the following to the end the Sentence:

“the markings shall be of sufficient durability to withstand the environment involved. Identifying labels required for disconnecting means shall have engraved or raised letters and be secured by screws or rivets”

Article 340 – Underground Feeder and Branch-Circuit cable: Type UF

Amend **Section 340.10** by adding an item 8, as follows:

(8) For use in mortar joints of burnt and stabilized adobe construction in occupancies where the use of Nonmetallic-Sheathed Cable is permitted by this code. *Code does not permit use in “Rammed Earth” type construction.*

Article 725 – Class 1, Class 2, and Class 3 Remote-Control, Signaling, and Power-Limited

Circuits.

Add a new **Section 725.32** as follows:

725.32. Location of Power Supplies and Transformers

(A) Accessibility. Class 1, Class 2, and Class 3 power supplies and transformers shall be accessible.

(B) Prohibited locations.

1). Attics or other spaces subject to high ambient temperatures.

Annex H Administration and Enforcement

Delete **Section 80.15 Electrical Board** in its entirety

EXHIBIT G 2018 INTERNATIONAL FUEL GAS CODE AMENDMENTS

Delete **Section 404.12.1 Individual outside appliances** in its entirety.

EXHIBIT H 2018 INTERNATIONAL FIRE CODE

Amend **Section 101 General** by replacing [name of jurisdiction] with “Pinal County”

Amend **Section 903.2.8.2 Care facilities** by removing the word “shall” and replace with “may”.

Amend **Section 5607.3 Blasting in congested areas**, by deleting the last sentence and adding the following subsections:

Section 5607.3.1 Testing. Seismic and air blasting testing shall be conducted by an independent testing agency and the results recorded in the blasting log for each blast. Tests may be waived for distances greater than 500 feet if the code official determines there is little probability of damage to adjoining property from the blasts.

Section 5607.3.2 Blasting Mats. When blasting within 500 feet of a structure,

Blasting mats shall be used to prevent fragments from being thrown. Mats may be required at distances exceeding 500 feet if the code official determines that further precautions are necessary to protect adjoining properties.

Section 5607.3.3 Notification. When blasting within 1000 feet of an occupied structure occupants shall be notified in writing no less than 48 hours and no more than 5 days prior to the blast. A copy of the notification shall be submitted to the code official at the same time as the occupants.

Amend **Section 5607.4 Restricted hours**, by adding the following after the last Sentence: “No blasting shall be conducted on weekends or holidays.”

Add a new **Section 5607.16** as follows:

Section 5607.16 Blasting Logs. For all blasts within 1000 feet of a structure a detailed blasting log shall be maintained. The log shall be submitted to the code official within five days after the last blast authorized by the permit or upon expiration of the permit. For blasting within 500 feet of a structure, a copy of the log shall be submitted to the code official prior to the next blast. The code official shall review the log to determine that all blasting operations have been in compliance with this code. Subsequent blasting shall not be performed without permission from the code official. The log shall contain the following information:

- A copy of the approved permit and blasting plan
- The location of the blasting operation
- The date and time of each blasting occurrence
- If blasting mats or other cover was used
- A copy of the seismic readings and information on who conducted the tests
- Any and all known damage or injury that occurred as a result of the blast. If there was none, then that shall be stated
- Any other information the code official may require to demonstrate compliance with this ordinance

Failure to comply with the provisions of this section may result in revocation of the blasting permit.

EXHIBIT I

2018 INTERNATIONAL ENERGY CONSERVATION CODE

Amend **Section C101.1 Tittle** by replacing [name of jurisdiction] with “Pinal County”

Amend code by deleting the entire Residential Section [Re] and reference Chapter 11 Energy Efficiency of the 2018 IRC

EXHIBIT J
2018 INTERNATIONAL SWIMMING POOL AND SPA CODE

Chapter 1, SCOPE AND ADMINISTRATION

Amend **Section 101.1 General** by replacing [name of jurisdiction] with “Pinal County”

Chapter 3, DEFINITIONS

Amend “spa.” By adding the words “not over 8' in any dimension and in which the depth of the water is 18" or more” after the word “product” in the 1st sentence.

Chapter 3, GENERAL COMPLIANCE

Amend **Section 305.1 General**. By deleting the words “and swimming pools are equipped with a powered safety cover that complies with ASTM F1346” after the word ASTM F1346 in the 2nd sentence. And delete the words “or pools” after hot tubs in the 3rd sentence.

Amend **Section 305.2.1 Item 1**, by deleting “48” and replacing with “60”

Amend **Section 305.2.10 Poolside Barrier Setbacks**. By deleting “20” and replacing it with “30” before the word “inches” in the 1st sentence. And add a new sentence to read: “The water’s edge shall not be less than 4’ from any property line or less than 3’ from a structure without Engineered design.”

Amend **Section 305.4 Structure Wall As Barrier, Item 1** by deleting the word “sill” and replacing with the word “latch”, also delete the number “48” and replace it with the number “54” in the same sentence.

Amend **Section 305.4** by adding a new Item 4, to read as follows:

4. A barrier separating the dwelling or structure from pool or spa shall be installed around the pool meeting the requirements of section 305.2.1 except that the barrier shall be constructed of materials that will not obstruct the line of vision between pool and residence, and the height may be reduced to not less than 48”

Amend **Section 306.3 Step Risers And Treads**. Delete the first 2 sentences of the section.

Delete **Section 306.4. Deck Steps Handrail Required**. In its entirety

Amend **Section 315.2 Required**. Delete the first sentence of the section.

Amend **Section 315.2 Required**. Delete entire exception 1, and replace it with exception 2.

Delete **Section 315.3 Skimmer Sizing**. In its entirety

Table 315.3 Skimmer Sizing Table. Amend by deleting the 1st row “public pool and 500 sqft”

Delete **Section 316.4.2 Access Prohibited**. In its entirety

Amend **Section 321.1 General**. By deleting the 1st sentence.

Delete **Section 321.2 Artificial Lighting Required**. In its entirety

Delete **Section 321.3 Emergency Illumination**. In its entirety.

Amend **Section 322.1 General**. Delete the number “4” and replace with “7” after the word “chapters”

Delete **Chapter 4 Public Swimming Pools**. In its entirety

Delete **Chapter 5 Public Spas And Public Exercise Spas**. In its Entirety.

Delete **Chapter 6 Aquatic Recreation Facilities**. In its entirety.