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**CAPTION HEADING**

Ordinance No. 091912-BCO  
2012 Building Code Ordinance

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**ORDINANCE NO. 091912-BCO**  
**2012 BUILDING CODE ORDINANCE**

AN ORDINANCE REVISING REGULATIONS FOR THE QUALITY,  
TYPE OF MATERIAL AND WORKMANSHIP OF ALL ASPECTS OF  
CONSTRUCTION OF BUILDINGS OR STRUCTURES, WITHIN THE  
UNINCORPORATED AREA OF PINAL COUNTY

WHEREAS, the Pinal County Board of Supervisors has the authority to regulate the quality, type of material and workmanship of all aspects of construction of buildings or structures, and deems it necessary for the health, safety and general welfare of the people of the County to regulate such matters; and

WHEREAS, Pinal County adopted a Building Code on July 21, 1986, and amended said code from time to time; and

WHEREAS, said code is in need of substantial revision to meet changed conditions and to conform to existing laws; and

WHEREAS, duly noticed public hearings have been conducted to review and discuss code revisions; and

WHEREAS, the Pinal County Planning and Zoning commission has recommended to the Pinal County Board of Supervisors that the revised code be adopted for application throughout Pinal County; and

WHEREAS, the Pinal County Board of Supervisors has determined the revised code will be beneficial to the health, safety and general welfare of the people of the County.

NOW THEREFORE, BE IT ORDAINED by the Board of Supervisors of Pinal County, Arizona, that the attached revised building regulations are hereby adopted under the following title:

PINAL COUNTY BUILDING CODE ORDINANCE

RULES AND REGULATIONS FOR THE QUALITY, TYPE OF MATERIAL  
AND WORKMANSHIP OF ALL ASPECTS OF CONSTRUCTION OF BUILDINGS OR  
STRUCTURES, WITHIN THE UNINCORPORATED AREA OF PINAL COUNTY  
BE IT FURTHER ORDAINED as follows:

1. The building code and other related codes to regulate the quality, type of material and workmanship of all aspects of construction of buildings and structures known as the Pinal County Building Code Ordinance February 1, 2006 are hereby repealed in their entirety.

2. The adoption of this Ordinance or the repeal set forth above shall not be construed as abating any action now pending under, or by virtue of, prior existing code regulations; or affect or prevent the prosecution or punishment of any person for the violation of any regulation repealed hereby, for an offence committed prior to the repeal; or as discontinuing, abating modifying, or altering any penalty accruing or about to accrue; or as affecting the liability of any person, firm or corporation; or as waiving any right of the County under any section or provision existing at the time of adoption of this Ordinance.

3. This Ordinance shall take effect one hundred eighty (180) days from the date passed and adopted by the Pinal County Board of Supervisors.

4. After adoption, this ordinance shall be published at least once in a newspaper of general circulation in the county seat, Florence, Arizona, Pinal County, in accordance with A.R.S. § 11-864.

PASSED AND ADOPTED, this 19<sup>th</sup> day of Sept, 2012 by the Pinal County Board of Supervisors.

PINAL COUNTY BOARD OF SUPERVISORS

David Snide

\_\_\_\_\_, Chairman



ATTEST:

Shen Clegg  
Clerk of the Board

## **PINAL COUNTY BUILDING CODE ORDINANCE**

RULES TO REGULATE THE QUALITY, TYPE OF MATERIAL AND WORKMANSHIP OF ALL ASPECTS OF CONSTRUCTION OF BUILDINGS OR STRUCTURES, WITHIN THE UNINCORPORATED AREA OF PINAL COUNTY.

### **ARTICLE 1**

#### **SHORT TITLE**

Section 101 This ordinance may be cited and referred to as the Pinal County Building Code.

### **ARTICLE 2**

#### **APPLICATION**

Section 201. This ordinance shall apply to the construction of all buildings and installation of structures appurtenant thereto within the unincorporated areas of Pinal County, except as otherwise provided by statute, regulation or ordinance.

Section 202. The Board of Supervisors may enter into intergovernmental agreements pursuant to A.R.S. §11-863 for code enforcement within cities and towns.

### **ARTICLE 3**

#### **BUILDING CODE**

Section 301. 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 A.R.S. Section 11-861 et. seq.

301.1 International Building Code, 2012 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:

Appendix C - Group U - Agricultural Buildings

Appendix I - Patio Covers

Appendix J – Grading

Appendix K – ICC Electrical Code

301.2 International Residential Code, 2012 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:

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 and Type B Vents

Appendix C - Exit Terminal of Mechanical Draft and Direct-Vent Venting Systems

Appendix G - Swimming Pools, Spas and Hot Tubs

Appendix H - Patio Covers

Appendix J - Existing Buildings and Structures

Appendix N – Venting Methods

Appendix P – Sizing Water Piping

301.3 International Property Maintenance Code, 2012 Edition, as amended in Exhibit C published by the International Code Council, hereinafter described as Attachment No. 3 or IPMC.

301.4 International Mechanical Code, 2012 Edition, as amended in Exhibit D published by the International Code Council, hereinafter described as Attachment No. 4, or IMC.

301.5 International Plumbing Code, 2012 Edition, published by the International Code Council as amended in Exhibit E, hereinafter described as Attachment No. 5, or IPC.

301.6 National Electric Code 2011 Edition, as amended in Exhibit F, 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 B:

Annex H Administration and Enforcement

301.7 Uniform Swimming Pool, Spa and Hot Tub Code, 2012 Edition, published by the International Association of Plumbing and Mechanical Officials (IAPMO), hereinafter described as Attachment No. 8.

301.8 International Energy Code, 2006 Edition, published by the International Code Council, hereinafter described as Attachment No. 9.

301.9 International Fuel Gas Code, 2012 Edition, published by the International Code Council as amended in Exhibit G, hereinafter described as Attachment No. 10 or IFGC.

301.10 International Fire Code, 2012 Edition, published by International Code Council as amended in Exhibit H, hereinafter described as Attachment 11 or IFC.

Section 302. Copies of Attachments described in Section 301 above are to be available for public reference and inspection as follows:

302.1 One copy of Attachments Nos. 1 through 11 shall be kept on file in the office of the Clerk of the Board of Supervisors.

302.2 One copy of attachments Nos. 1 through 11 shall be kept on file in each district office of the County Board of Supervisors.

302.3 Two copies each of attachments Nos. 1 though 11 shall be kept on file in the departmental library of the Department of Building Safety.

#### **ARTICLE 4**

##### **RULES AND DEFINITIONS**

Section 401. "ADMINISTRATIVE AUTHORITY": the Pinal County Building Official, or Director of the Department of Building Safety.

Section 402. "BOARD OF APPEALS": the Pinal County Building Code Advisory Board shall determine the suitability of alternative materials and construction and to permit interpretations of the provisions of the codes, but not administrative portions of the building code.

Section 403. "BUILDING CODES": Attachments listed and described in Section 301.1-301.11 of this Ordinance.

Section 404. "BUILDING OFFICIAL": the functional title of the Director of the Department of Building Safety, or his duly authorized representative, charged with the administration and enforcement of this code.

Section 405. "COMMERCIAL": refers to the use of a building, addition or structure for business, educational, religious, institutional, recreational, industrial or any other non-residential purpose.

Section 406. "JURISDICTION": the unincorporated areas of Pinal County, and the incorporated cities and towns with whom the County has entered into intergovernmental agreements.

Section 407. "NON-COMMERCIAL": refers to the use of a building, structure or addition for a residential purpose.

Section 408. References to Chapters, Articles, Sections, Subsections, Paragraphs, Subparagraphs and Tables, unless otherwise specified, refer to the building code documents listed in Article 3 of this ordinance.

## **ARTICLE 5**

### **BUILDING CODE ADMINISTRATION**

Section 501. The position of Building Official/Building Code Administrator, which may also carry the title of Building Safety Director, is an administrative position and shall be an exempt position in the Pinal County Merit System pursuant to A.R.S. 11-352 B.8. Said administrator shall be responsible for the administration and enforcement of this code and shall be appointed by the County Manager with the approval of the Board of Supervisors.

Section 502. The Building Official shall appoint and remove such deputies, inspectors and employees as he/she deems appropriate within the requirements of the County Personnel rules and regulations with the consent of the County Manager.

Section 503. The Building Official shall keep careful and comprehensive records of applications for permits, of permits issued, of inspections made, of revenue received, of reports rendered and of notices or orders issued. The Building Official shall further retain on file copies of all documents in connection with building work for the minimum time period required by this code, or for such additional time as he/she deems necessary.

Section 504. The Building Official shall be responsible for the administration of the terms of this Ordinance.

Section 505. The Building Official may adopt such rules and regulations as he/she deems necessary to secure the public health, safety and general welfare; to implement the provisions of this Ordinance and to carry out the intent of this Ordinance. All such rules and regulations shall require the approval of the County Manager and the Board of Supervisors. No rules or regulations adopted pursuant to this Section shall have the effect of waiving technical requirements specifically stipulated in the Building Code or of violating accepted engineering practice involving public safety.

## **ARTICLE 6**

### **COMPLIANCE REVIEW**

Section 601. No Building Permit shall be issued to any Person unless a Compliance Review Number has been issued by the Pinal County Department of Planning and Development Services to the Building Official. Exceptions to this requirement are permits for mechanical, electrical, plumbing, building, and remodeling that do not involve a change of use or additional area which may affect required setbacks.

## **ARTICLE 7**

### **APPLICATION FOR PERMIT**

Section 701. The Building Official may require with an application for a building permit whatever data and information is deemed necessary to reasonably determine that the proposed work is in compliance with the requirements of this Code and other pertinent laws and ordinances.

## **ARTICLE 8**

### **PENALTIES**

Section 801 Criminal penalties

- 801.1 Any person, as defined in Attachment No. 1, Sec. 202, who violates any provision of this ordinance shall be guilty of a Class Two (2) Misdemeanor.
- 801.2 Any person convicted of a Class Two (2) Misdemeanor for violation of this ordinance may be sentenced to the County Jail for a period not to exceed four (4) months and/or fined an amount not to exceed Seven Hundred and Fifty (\$750.00) Dollars.
- 801.3 Each failure to obtain a required permit clearance, compliance review approval or inspections shall constitute a separate violation of this ordinance.

Section 802 Civil Penalties

- 802.1 Any person, as defined in Attachment No. 1, Sec. 202, who violates any provision of this ordinance shall be subject to a civil penalty, as an alternative method of enforcing this ordinance pursuant to A.R.S. §11-866; §11-815D or as provided in Pinal County Resolution No. 4302-CP.
- 802.2 No person shall be subject to a criminal penalty for a violation enforced under the civil penalty provisions of this section.

802.3 The Board of Supervisors shall establish a schedule of penalties for violations of this ordinance. Said penalties shall not exceed the amount of Seven Hundred and Fifty (\$750.00) Dollars for an individual, or Ten Thousand (\$10,000.00) Dollars for an Enterprise. Enterprise shall be defined pursuant to A.R.S. §13-105.

802.4 Any person alleged to be subject to a civil penalty for a violation of this ordinance shall be entitled to an administrative hearing on their liability, and a review by the Board of Supervisors pursuant to A.R.S. §11-815 G. The administrative hearing shall be before the Pinal County hearing officer, subject to the rules of procedure for same as adopted by the Pinal County Board of Supervisors.

**Section 803 Other Methods of Enforcement:**

The Board of Supervisors, the County Attorney, the Building Official, or any adjacent or neighboring property owner who shall be especially damaged by the violation of any provision of this ordinance, may initiate other remedies provided by law, e.g. an injunction, writ of mandamus, abatement or any other appropriate action, proceeding or proceedings to prevent, abate or remove such violation of the ordinance.

**Section 804 Separate Offenses:**

Pursuant to A.R.S. §11-866 and §11-815(C), any person, firm, or corporation violating this ordinance shall be deemed guilty of a separate offense for each and every day during which a violation of the provisions of this ordinance is committed, continued or permitted.

**ARTICLE 9**

**SEVERABILITY**

**Section 901** If any section, subsection, sentence, clause, phrase or portion of this ordinance, or any part of Attachments Nos. 1 through 11, 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.

# EXHIBIT A

## 2012 INTERNATIONAL BUILDING CODE AMENDMENTS

### Chapter 1, ADMINISTRATION

Amend **Section 101.2 Scope** by deleting all words in sentence after “appurtenances”.  
Amend **Section 105.2 Work Exempt from permit**, as follows:

At Building, Item 1 delete “120” square feet and change it to “200” square feet.  
At 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 308.3 Group I-1** by placing an asterisk \* after the words “Assisted living facilities”, 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 308.3.1** by placing a period after *International Residential Code* and deleting the remainder of the section.

Amend **Section 310.6 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.

### Chapter 9 – FIRE PROTECTION SYSTEMS

Amend **903.2.4 Item 4 Group F1** by adding the words “*fire area*” after the word Group F1

Amend **903.2.7 Item 4 Group M** by adding the words “*fire area*” after the word Group M

Amend **903.2.9 Item 5 Group S1** by adding the words “*fire area*” after the word Group S1

## **Chapter 13, ENERGY EFFICIENCY**

Amend **Section 1301.1 Criteria** by removing the period at the end of the sentence and adding the words “as adopted by Pinal County”.

## **Chapter 23, WOOD**

Amend **Section 2304.11.6 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:

See Article 12, Chapter 2, Title 23, Arizona Revised Statutes for additional requirements.

# **EXHIBIT B**

## **2012 INTERNATIONAL RESIDENTIAL CODE AMENDMENTS**

## **Chapter 1, ADMINISTRATION**

Amend **R101.2 Scope, Exceptions 1**. After the word townhouses delete the remainder of the subsection.

Amend **R101.2 Scope, Exceptions 2**. After the word Dwellings delete the remainder of the subsection.

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

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 with 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)	90 MPH, 3 second gust
Wind Design (Topographic Effects)	No
Seismic Design Category	B
Weathering	Negligible
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 2012 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 R303.9 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.** at the 3<sup>rd</sup> sentence by deleting the words “to the bottom of the clear opening” and placing a period after the word “floor”.

**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, strike out “shall” and replace it with “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 Foundations with stem walls** and **R403.1.3.2 Slabs-on-ground with turned-down footings.**”

#### **Delete Chapter 11 ENERGY EFFICIENCY**

#### **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 P2904.1 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.*

## **Appendix Chapter G, SWIMMING POOLS, SPAS AND HOT TUBS**

Amend **Section AG102 Definitions, Spa Nonportable** by deleting the entire definition and replacing it with the following:

“A unit, not over 8' in any dimension and in which the depth of the water is 18" or more and designed primarily for therapeutic use and recreational bathing. Also, which is not drained, cleaned or refilled for each individual usage, including structures in which water heating and circulating equipment is an integral part of the product and is cord/plug connected. It may include, but is not limited to, hydro-jet circulation, hot water, cold water, mineral baths, air induction bubbles, or any combination thereof.”

Amend **Section AG102 Definitions, Swimming Pool** by deleting the reference to 24” and changing it to 18” and by deleting the comma after the word “pools” and deleting the words “hot tubs and spas”.

Amend **Section AG105.2, 1 Outdoor swimming pool** at the first sentence by deleting 48 inches and replacing it with “60 inches”.

Amend **Section AG105.2, 9.1 Outdoor swimming pool** by eliminating the entire section and replacing it with the following:

- 9.1 A separation fence shall be installed around the pool meeting the requirements of items 1, 2, 4, 5, 6 and 8 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"; or,

Amend **Section AG105.5 Barrier Exceptions** by adding the following:

Additionally, the spa safety cover shall meet all of the following:

1. When in the closed position, a sphere four inches in diameter is prevented from reaching the water's surface.
2. The cover is designed to support a static load of 100 pounds.
3. The cover must be latchable by the use of a tool, or other device that makes the opening operation reasonably inaccessible to children.

Amend **Section AG105 Barrier Requirements** by adding the following two new sections:

**AG105.6 Setbacks** The pool shall be so located that the edge of the water is not less than four feet from any side, front or rear property line, fence or privacy wall, and not less than three feet from any building wall or foundation.

**AG105.7 Telephone Service** Where telephone service is utilized at the residence, the telephone must be installed where it will allow a direct unobscured view of the pool.

## EXHIBIT C

### 2012 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 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 302.8 Motor vehicles** in its entirety.

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

Delete **Section 303.1 Swimming Pools** in its entirety.

Amend **Section 303.2 Enclosures** at first sentence by deleting 24 inches and replacing with 18 inches and deleting 48 inches and replacing with 60 inches.

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.

Delete **Section 308 Rubbish and Garbage** in its entirety.

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 404.5 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: “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: “September” to “May”

## **Chapter 7, FIRE SAFETY REQUIREMENTS**

Delete **Section 704.1.1 Automatic sprinkler systems** 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**

## **2012 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 80EF. (62EC.) at a point 3' above the floor.”

Delete **Section 401.2 Ventilation Required** in its entirety.

## **EXHIBIT E**

### **2012 INTERNATIONAL PLUMBING CODE AMENDMENTS**

#### **Chapter 3, GENERAL REGULATIONS**

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

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

#### **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**

### **2011 NATIONAL ELECTRICAL CODE AMENDMENTS**

#### **Article 210 - Branch Circuits**

Amend **Section 210.11 (C) Dwelling Units**. by adding an item 4 to read:

**210.11(C)(4) 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 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:

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**

### **2006 INTERNATIONAL ENERGY CONSERVATION CODE**

Amend **Chapter 4 Residential Energy Efficiency** add the following new table, after Table 402.1.3:

**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  
2012 INTERNATIONAL FUEL GAS CODE AMENDMENTS**

Amend **Section 404.12** as follows:

After the word “underground”, add “metallic” and after the first sentence add: “Plastic pipe shall be installed a minimum of 18” below grade.

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

**EXHIBIT H  
2012 INTERNATIONAL FIRE CODE**

Amend **Section 903.2.4 Group F1 Item 4** replace the word “occupancy” with “*fire area*”.

Amend **Section 903.2.7 Group M Item 4** replace the word “occupancy with “*fire area.*”

Amend **Section 903.2.8 Group R** at the beginning of the sentence add “When installed”.

Amend **Section 903.2.8.1 Group R-3 or R-4 congregate residences** by changing the word “shall” and replace with “may.”

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

Amend **Section 903.2.9 Group S1 Item 5** replace the word “occupancy” with “*fire area*”.

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.

**Table 402.1.4**  
**Trade-off Options for R-8 Duct Insulation**  
**AC, Insulation and Fenestration Requirements by Component <sup>(a)</sup>**

Climate Zone 2	SEER Rating	Duct Insulation (R-Value)		Fenestration (c)		Insulation R-Value	
		Uncond Space	Floor Trusses (d)	U Factor	SHGC	Wall Cavity	Ceiling
IECC (b) Requirement	13	8	6	.75	.40	13	30
Option A	14	6	6	.75	.40	13	30
Option B	13	6	6	.64	.35	13	30
Option C	13	6	6	.75	.40	19	30
Option D	National energy efficiency programs such as Energy Star, Energy Star Plus, Engineered for Life, And Environments for Living, shall be deemed as meeting the requirements for energy compliance. Other methods shall be approved by the Building Official through modification, as stated in Section 404 of the IECC.						
Option E	13	6	6	Any other combination of fenestration and insulation R-Values where the annual energy cost is less than or equal to the annual energy cost of the IECC Requirement. (See IECC Section 404)			

- a. R-values are minimums. U-factors and SHGC are maximums. R-19 shall be permitted to be compressed into a 2x6 cavity.
- b. From Table 402.1 in the 2004 IECC Supplement and Table 402.1.1 in the 2006 IECC.
- c. The fenestration U-factor column includes skylights. The SHGC column applies to all glazed fenestration.
- d. Per the Exception to 403.2.1 uninsulated ducts are permitted when they are located completely inside the building envelope.