When recorded mail to:
Clerk of the Board Office
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CAPTION HEADING

Ordinance No. 091912-BCO
2012 Building Code Ordinance

DO NOT DISCARD THIS PAGE. THIS COVER PAGE ISRecorded AS PART OF YOUR DOCUMENT. THE CERTIFICATE OF RECORDATION WITH THE FEE NUMBER IN THE UPPER RIGHT HAND CORNER IS THE PERMANENT REFERENCE NUMBER OF THIS DOCUMENT IN THE PINAL COUNTY RECORDER'S OFFICE.
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Building Code Ordinance February 1, 2006 are hereby repealed in their entirety.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 19th day of Sept., 2012 by the Pinal County Board of Supervisors.

PINAL COUNTY BOARD OF SUPERVISORS

[Signature]

Chairman

ATTEST:

[Signature]

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


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:

<table>
<thead>
<tr>
<th>Ground Snow Load</th>
<th>0 at 3500’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Design (Speed)</td>
<td>90 MPH, 3 second gust</td>
</tr>
<tr>
<td>Wind Design (Topographic Effects)</td>
<td>No</td>
</tr>
<tr>
<td>Seismic Design Category</td>
<td>B</td>
</tr>
<tr>
<td>Weathering</td>
<td>Negligible</td>
</tr>
<tr>
<td>Frost Line Depth</td>
<td>0</td>
</tr>
<tr>
<td>Termite</td>
<td>Moderate to heavy</td>
</tr>
<tr>
<td>Winter Design Temperature</td>
<td>34</td>
</tr>
<tr>
<td>Ice Barrier Underlayment require</td>
<td>No</td>
</tr>
<tr>
<td>Flood Hazards</td>
<td>FEMA</td>
</tr>
<tr>
<td>Air Freezing Index</td>
<td>50</td>
</tr>
<tr>
<td>Mean Annual Temperature</td>
<td>67</td>
</tr>
</tbody>
</table>

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
   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 3rd 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 termicide 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”

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**Chapter 7, FIRE SAFETY REQUIREMENTS**

Delete Section 704.1.1 Automatic sprinkler systems in its entirety.

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**APPENDIX A: BOARDING STANDARD**

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

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**EXHIBIT D**

**2012 INTERNATIONAL MECHANICAL CODE AMENDMENTS**

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**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 80°F. (62°C.) 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 (a)

<table>
<thead>
<tr>
<th>Climate Zone 2</th>
<th>SEER Rating</th>
<th>Duct Insulation (R-Value)</th>
<th>Fenestration (c)</th>
<th>Insulation R-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Uncond Space</td>
<td>Floor Trusses (d)</td>
<td>U Factor</td>
</tr>
<tr>
<td>IECC (b) Requirement</td>
<td>13</td>
<td>8</td>
<td>6</td>
<td>.75</td>
</tr>
<tr>
<td>Option A</td>
<td>14</td>
<td>6</td>
<td>6</td>
<td>.75</td>
</tr>
<tr>
<td>Option B</td>
<td>13</td>
<td>6</td>
<td>6</td>
<td>.64</td>
</tr>
<tr>
<td>Option C</td>
<td>13</td>
<td>6</td>
<td>6</td>
<td>.75</td>
</tr>
<tr>
<td>Option D</td>
<td></td>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Option E</td>
<td>13</td>
<td>6</td>
<td>6</td>
<td>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)</td>
</tr>
</tbody>
</table>

(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.