



# Staff Report

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**Agenda Item:**           **RESOLUTION DECLARING AS A PUBLIC RECORD THAT CERTAIN DOCUMENT FILED WITH THE TOWN CLERK AND ENTITLED "BUILDING CODE ORDINANCE AMENDMENT TO CHAPTER 7, ARTICLES 7-1 THROUGH 7-9; ADOPTING THE 2006 INTERNATIONAL CODE COUNCIL (ICC) BUILDING CODE" OF THE TOWN OF CLARKDALE** - Discussion and consideration of Resolution # \_\_\_\_\_, declaring as a public record that certain document filed with the Town Clerk entitled "Building Code Ordinance Amendment to Chapter 7, Articles 7-1 Through 7-9, Adopting the 2006 International Code Council (ICC) Building Code" to the Code of the Town of Clarkdale.

**Staff Contact:**           Mike Baker

**Meeting Date:**           May 27, 2008

**Background:**           The International Code Council publishes new updated building codes every three years. The Community Development Department has determined that by adopting the 2006 ICC versions we will remain in the mainstream of the building code process. We have also made amendments to institute some energy and water conservation measures and address problems that were not covered in the Codes.

Adoption of this resolution allows the "Building Code Ordinance Amendment" to be kept on file by the Town Clerk for public viewing in lieu of publishing the entire code in the local newspaper. The benefit to the Town is reduced publishing cost.

**Recommendation:**    To adopt Resolution # \_\_\_\_\_, declaring as a public record those certain documents filed with the Town Clerk and entitled "Building Code Ordinance Amendment to Chapter 7, Articles 7-1 Through 7-9, Adopting the 2006 International Code Council (ICC) Building Code" to the Code of the Town of Clarkdale repealing conflicting ordinances and providing for severability.

**RESOLUTION # \_\_\_\_\_**

**A RESOLUTION OF THE MAYOR AND COUNCIL, OF THE TOWN OF CLARKDALE, ARIZONA, DECLARING AS A PUBLIC RECORD THAT CERTAIN DOCUMENT FILED WITH THE TOWN CLERK AND ENTITLED “BUILDING CODE ORDINANCE AMENDMENT TO CHAPTER 7, ARTICLES 7-1 THROUGH 7-9; ADOPTING THE 2006 INTERNATIONAL CODE COUNCIL (ICC) BUILDING CODE” OF THE TOWN OF CLARKDALE.**

**BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE TOWN OF CLARKDALE, ARIZONA:**

That certain document entitled “BUILDING CODE ORDINANCE AMENDMENT TO CHAPTER 7, ARTICLES 7-1 THROUGH 7-9; ADOPTING THE 2006 INTERNATIONAL CODE COUNCIL (ICC) BUILDING CODE” OF THE TOWN OF CLARKDALE”, three copies of which are on file in the office of the Town Clerk, is hereby declared to be a public record, and said copies are ordered to remain on file with the Town Clerk.

PASSED AND ADOPTED by the Mayor and Council of the Town of Clarkdale, Arizona, this 27<sup>TH</sup> day of May, 2008.

ATTEST:

\_\_\_\_\_  
Doug Von Gausig, Mayor

\_\_\_\_\_  
Kathy Bainbridge, Town Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
Robert Pecharich, Town Attorney

**Article 7-1 BUILDING CODE**

**Section 7-1-1 Adoption of International Building Code**

That certain code entitled the International Building Code, 2006 edition is hereby adopted by the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

- A. 101.1 Title. Insert: Clarkdale, Arizona in place of name of jurisdiction.
- B. Section 103 Department of Building Safety. Omit in its entirety.
- C. Section 112 Board of Appeals. Omit in its entirety, and substitute the following: 112.1 Appeals. A person may appeal a decision made by the Building Official through the Board of Adjustment, as described in the Town Code.
- D. 903.2 Where Required. Delete in its entirety and substitute the following:
  - 1. Approved automatic sprinkler systems shall be installed throughout new buildings:
    - a. Where the occupancy is Hazardous, Institutional, or Residential.
    - b. Where occupancy is Assembly, Business, Educational, Factory, Mercantile, and the gross floor area, including mezzanines and basements exceeds 1000 square feet, or the available water supply is insufficient for the required fire flow as determined by the Fire Official.
    - c. Where there are multiple stories, including basements and stories above grade plane.
    - d. Where there is a mixed use containing a residential use group.
    - e. Any structure used for occasional or full time residential use.
  - 2. The required sprinkler system shall be designed and installed in accordance with National Fire Protection Association 13,13D, and 13R as referenced in the 2006 International Fire Code, or as approved by the Fire Code Official, with the following exception:
    - a. Any area in a residential occupancy that contains a light fixture or outlet shall be sprinklered.
  - 3. The following do not require sprinklers:
    - a. Detached accessory structures that are no more than 1000 square feet, more than 20 feet from the main structure, and not used to store or manufacture hazardous materials permitted by this Code.
    - b. Covered patios open on one or more sides.
    - c. Attached carports, open on 2 or more sides.
    - d. Detached canopies, not exceeding 5000 square feet, constructed of approved materials, and used exclusively for automotive motor fuel dispensing stations for private passenger vehicles.

- e. Uninhabitable attics, basements and crawlspaces with or without electrical outlets or light fixtures in R3 only.
    - f. Buildings or parts of buildings that because of their contents, location, usage, or other reasons determined by the Fire Code Official, a suppression system is not practical or needed.
  - 4. Existing buildings shall be exempt from sprinkler requirements unless:
    - a. One or more additions are made to any use or occupancy and the aggregate of the addition(s) exceed 50% of the floor area of the original building as it was on November 11, 2005, or one thousand square feet, whichever is lesser.
    - b. An addition is constructed that exceeds the available water needed for fire flow as determined by the Fire Official.
    - c. The building undergoes a change of use and it is determined by the Fire Official, using Table A, that a greater fire or life safety hazard will be created.
- E. Chapter 11, Accessibility. Delete in its entirety.
- F. 2701.1 Scope. Omit ICC Electrical Code and substitute the following: National Electric Code 2002. The National Electric Code, 2002 as adopted and amended by the Town shall not apply to R-3 construction. EXCEPTION: The National Electric Code, 2002, shall be the electrical code used for those installations, designs and modifications not referenced in the International Residential Code, 2006.
- G. 3109.1 General. After the first sentence, add the following: Permitted swimming pools shall also comply with the State of Arizona laws governing such structures. All regulations shall be in full force regardless of the ages of the occupants of the dwelling unit to which the pool is associated with.
- H. 3304.1.1 Slope Limits. Delete in its entirety and substitute the following: Dust control. Dust shall be controlled as described in Appendix R, Safeguards During Construction, of the International One and Two Family Residential Code, 2006, as adopted and amended by the Town of Clarkdale.
- I. 3401.1 Scope. Add the following sentence after Exception: One and two family dwellings shall be exempt from the requirements of this Code.
- J. Section 3409 Accessibility For Existing Buildings. Omit in its entirety.

**Article 7-2 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS**

**Section 7-2-1 Adoption of the Residential Code for One and Two Family Dwellings**

That certain code entitled the International Residential Code for One and Two Family Dwellings, 2006 Edition along with Appendices G, K, P, and R, is hereby adopted as the Residential Code for One and Two Family Dwellings of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

- A. R101.1 Insert: Clarkdale, Arizona in place of name of jurisdiction.
- B. R102.7 Existing Structures. After *International Property Maintenance Code*, add the following: 2003 edition, as adopted and amended by the Town of Clarkdale. After *International Fire Code*, add, 2006 edition, as adopted and amended by the Town of Clarkdale.
- C. R103 Department of Building Safety. Omit in its entirety.
- D. R105.2 Work Exempt From Permit. Building: 1. Omit entire sentence and substitute the following: Accessory buildings 50 sq. ft. or more require a building permit. Accessory structures less than 50 sq. ft. do not require a building permit, but the location of the structure shall be approved by the Community Development Department prior to construction. 2. Omit entire sentence and substitute the following: All fences require building permits.
- E. R105.7 Placement of Permit. Add the following after the last sentence. The Building Official shall establish a policy for the display of address numbers, permit and plan storage and determine the necessary documents to be at the job site.
- F. R106.3.1 Approval of Construction Documents. Omit the following: which states APPROVED PLANS PER IRC SECTION R106.3.1. Add a period after stamp.
- G. R106.3.3 Phased Approval. Omit the last sentence in its entirety.
- H. R112 Board of Appeals. Omit, substitute the following: BOARD OF ADJUSTMENT
- I. R112.1 General. Omit Board of Appeals in the first and third sentences and substitute the following: Board of Adjustment.

- J. R112.3 Qualifications. Omit in its entirety and substitute the following:  
The Board of Adjustment shall be appointed as described in the Town of Clarkdale Code.
- K. Section R202 Definitions. Add the following:  
GUEST HOUSE. A detached structure, containing sleeping, cooking, and sanitary facilities. Buildings containing guest houses shall be considered in their entirety as R-3 for review and fee assignment purposes.
- L. TABLE R301.2 (1). Add the following:  
After ground snow load: 20, after wind speed: 90, after seismic design category: A, after weathering: moderate, after frost line depth: 12 inches, after termite: moderate to heavy, after winter design temp: 20 degrees F., after ice barrier underlayment required: no, after flood hazards, add: determined by Yavapai County, after air freezing index add: not applicable, after mean annual temperature add: not applicable.
- M. R317.1 Two Family Dwellings. Omit the first sentence and substitute the following: Dwelling units in two family dwellings shall be separated from each other by masonry, concrete, or cast concrete wall assembly having a minimum 4 hour fire resistance rating. Sound transmission between units shall comply with Appendix K. Exceptions: omit items 1.and 2.
- N. R317.1.1 Supporting Construction. Omit in its entirety.
- O. R317.2 Townhouses. Omit in its entirety and substitute the following:  
Townhouses shall be considered separate buildings and shall be separated by minimum 4 hour rated walls made of masonry, or cast concrete.  
Horizontal separations between units shall have a minimum fire resistance rating of 2 hours. Sound transmissions between units shall comply with Appendix K.
- P. R317.2.2 Parapets. Omit in its entirety and substitute the following:  
Parapets are not required. Roofs shall be covered with minimum Class C material. Roof decking or sheathing shall be non-combustible materials, or approved fire treated wood for minimum of 4 feet on each side of the fire wall, or one layer of 5/8 inch Type X gypsum board installed directly under the roof decking and supported by a minimum of nominal 2 inch ledgers attached to the sides of the roof framing members for a minimum distance of 4 feet on each side of the wall.
- Q. R317.2.3 Parapet Construction. Omit in its entirety.
- R. R317.2.4 Structural Independence. Omit all exceptions.
- S. R317.3.1 Though Penetrations. Omit in its entirety.

- T. R317.3.1.1 Fire-resistance-rated assembly. Omit in its entirety.
- U. R317.3.1.2 Penetration Firestop System. Omit in its entirety.
- V. R317.3.2 Membrane Penetrations. Omit in its entirety.
- W. R402.1 Wood foundations. Omit in its entirety and substitute the following: Wood foundations are not permitted. All references to constructing wood foundations in this code shall be considered void.
- X. R404.1.8 Rubble Stone Masonry. Omit in its entirety.
- Y. R903.4.1.2 Roof Water. Roof water shall be collected by a system of gutters and piping and channeled to the yard for immediate use or to an approved storage tank(s) for future use. Discharged water shall not cause erosion or become a private or public nuisance.
- Z. Table N1102.1 Insulation and Fenestration Requirements by Component. In the Climate Zone 3 section, in the ceiling R-value column, omit 30 and substitute the following: 38. In the wood frame wall R-value column, omit 13, and substitute the following: 18.
- AA. Table N11102.1.2 Equivalent U-Factors. In the Climate Zone 3 section, Ceiling U-Factor column, omit 0.035 and substitute the following: 0.030. In the Frame Wall U-Factor column, omit 0.082 and substitute 0.060.
- AB. M1413.1 General. Omit in its entirety and substitute the following: Evaporative coolers shall not be installed in new buildings or additions. Evaporative coolers shall be permitted only as a replacement for coolers in existence prior to the adoption of this Code. The replacement unit must have a manufacturer approved water recirculating device.
- AC. G2448.1.1 Installation Requirements. Add the following after the last sentence: Free standing tank type water heaters shall maintain a minimum 2 inch clearance from any surrounding door or wall.
- AD. P602.1.2 Required Meter. Water meters for one and two family dwellings are required as described in Section 614 of the 2006 National Plumbing Code.
- AE. P2503.7 Inspection and Testing of Backflow Prevention Devices. Omit in its entirety.
- AF. P2503.7.1 Inspections. Omit in its entirety.

- AG. P2503.7.2 Testing. Omit in its entirety.
- AH. P2712.10 Composting Toilets. Approved composting toilets are permitted.
- AI. P2801.1 Required Add the following: All water heating systems shall be equipped with a recirculating pump, manifold, or similar approved device, unless the farthest fixture using hot water is 10 ft. or less from the water heater. All hot water piping, except for fixture supply lines, shall be insulated with approved materials.
- AJ. P2902.5.3.1 Allowed Irrigation Systems. Irrigation systems shall be regulated by section 608.16.5.1 in the 2006 International Plumbing Code.
- AK. P2902.5.4 Connections to Automatic Fire Sprinkler Systems. Omit Exception in its entirety.
- AL. P2903.3 Minimum Pressure. Omit in its entirety and substitute the following: A water pressure reducing device shall be required as described in Section 604.8 of the 2006 International Plumbing Code. Minimum pressure shall be 55 pounds per square inch (psi) unless otherwise required. Maximum psi shall be 65.
- AM. P2903.3.1 Maximum Pressure. Omit in its entirety.
- AN. P2903.7 Size of Water Service Mains, Branch Mains and Risers. Omit "3/4 inch (19 mm)." and substitute the following: 1 inch, or as approved by the Utilities Director or the Building Official.
- AO. AG103.2.1 Other Requirements. Swimming pools, spas, and hot tubs shall also comply with all State of Arizona laws governing these structures. Both State and Town of Clarkdale adopted building codes shall be in full force regardless of the age of the occupants of the dwelling served by the pool, spa or hot tub.
- AP. AG109 COVERS. Add the following  
AG109.1 Required covers. All outdoor swimming pools and spas, permanent or portable, shall be equipped with tight fitting covers to reduce evaporation.
- AQ. AK102.1 General. Omit 45, substitute the following: 60
- AR. AK103.1 General. Omit 45, substitute the following: 60.

**See Table A located after Section 7-9**

- AS. AP101 Omit in its entirety and substitute the following:
1. All one and two family dwellings and townhouses built shall be provided with automatic fire sprinkler protection as referenced in 13D-02 of the National Fire Protection Association, 2006 International Building Code. The following exceptions shall apply:
    - a. All spaces including attached garages, containing an electrical outlet or light fixture shall be protected with fire sprinklers.
    - b. Where there is a mixed use containing a residential use group, the entire building will be sprinkled.
- AT. AP 102 Sprinklers not required. The following areas do not require sprinklers:
1. Detached accessory structures that do not contain occasional or full time residential uses, including guest houses and in-law arrangements, located 6 feet or more from the house.
  2. Attached carports, open on two (2) or more sides.
  3. Covered patios, open on one (1) or more sides.
  4. Uninhabitable attics, basements, and crawl spaces)
- AU. AP 103 Existing buildings. Existing buildings shall be exempt from sprinkler requirements unless:
1. One or more additions are made and the aggregate area of the addition exceeds 50% of the square footage of the original building on October 11, 2005, or 1000 square feet, whichever is less.
  2. An existing detached building is converted in whole or part to residential use or an addition to a detached structure is built that contains a residential use.
  3. An addition is added that exceeds the available water supply needed for fire flow.
- AV. AR 101 Dust Control. Any terrain that has been grubbed or altered by grading or construction shall have dust control measures in place at all times, including weekends, to prevent any windborne dust from becoming a public or private nuisance. Contractors and owners shall be held responsible for controlling dust. Exception: Land where regrowth of vegetation has occurred.
- AW. AR 102 Stop Work Order. A written notice requiring cessation of dust producing activity shall be issued to the operator, contractor, or owner if excessive dust is being generated and the method of controlling the dust is inadequate or absent. If after 15 minutes, the dust generation is not corrected; a written stop work order may be issued to the operator and/or contractor for all or part of the project, and shall remain in effect until

adequate measures have been taken to reduce the dust to an acceptable level.

**Article 7-3 PLUMBING CODE**

**Section 7-3-1 Adoption of the Plumbing Code**

That certain code entitled the International Plumbing Code, 2006 Edition is hereby adopted as the Plumbing Code of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

- A. 101.1 Title. Omit [NAME OF JURISDICTION] and substitute the following: the Town of Clarkdale, Arizona
- B. 103 Department of Plumbing Inspection. Delete in its entirety.
- C. 109.2 Membership of Board. Delete in its entirety and substitute the following: "Appeals shall be heard by the Board of Adjustment as described in the Town Code."
- D. 109.2.1 Qualifications. Delete in its entirety
- E. 109.2.2 Alternate Members. Delete in its entirety.
- F. 109.2.3 Chairman. Delete in its entirety.
- G. 109.2.5 Secretary. Delete in its entirety.
- H. 419.1 Approval. Omit in its entirety and substitute the following: Urinals shall be approved waterless type.
- I. 420.1.1 Composting Toilets. Approved composting toilets are permitted.
- J. 603.1 Size of Water Service Pipe. Delete "3/4 inch (19.1mm)." and substitute the following: 1 inch, or as approved by the Building Official.
- K. 604.8 Water-pressure Reducing Valve or Regulator. Omit in its entirety and substitute the following: All newly constructed buildings connected to the municipal water supply shall have an approved pressure regulator device installed on the user side of the water meter. The regulator shall be accessible, in an approved location, and have unions, screens, and pressure gauges on each side of the device to comply with 604.8.2. Sufficient water pressure shall be maintained to assure the proper operation, but not put undue strain on fixtures, devices and systems. Any existing structure that is newly supplied with municipal water or undergoes a service main addition or replacement shall adhere to this section and 603.1.

- L. 607.2 Hot Water Supply Temperature Maintenance. Delete in its entirety and substitute the following: All potable water systems shall be equipped with a recirculating pump for hot water, a manifold or similar approved device, unless the farthest fixture using hot water is 10 ft. or less from the water heater.
- M. 607.2.1 Piping Insulation. Delete in its entirety and substitute the following: All hot water piping, except for fixture supply lines, shall be insulated with approved materials.
- N. 608.16.5.1 Permitted Lawn Irrigation Systems. Low water use drip systems are permitted for new and replacement lawn irrigation systems. Sprinkler systems may be repaired only and not expanded or installed except for permitted new or expanded turf.
- O. 614.1 Meter. An approved meter shall be installed, before any fixture supply piping, on the discharge side of any potable water supply system that uses a well or other approved non municipal source for the supply of potable water and uses the collection system of the Town sewer for waste discharge. This meter shall only be used to determine sewer charges and will be read regularly as determined by the Utility Director.
- P. 614.2 Accessibility. This meter shall be accessible to authorized personnel during business hours, except for emergencies, and shall be easily read without entering upon the customer's property unless otherwise approved by the Utilities Director.
- Q. 614.3 Testing. The Utilities Director shall have the right to have any meter tested as required in other sections of the Town Code.

#### **Article 7-4 MECHANICAL CODE**

##### **Section 7-4-1 Adoption of the Mechanical Code**

That certain code entitled the International Mechanical Code, 2006 Edition is hereby adopted as the Plumbing Code of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

- A. 101.1 Title. Omit [Name of Jurisdiction] and substitute the following: the Town of Clarkdale, Arizona.
- B. 103 Department of Mechanical Inspection. Delete in its entirety.
- C. 109 Means of Appeal. Delete in its entirety and substitute the following:

109.1 Means of appeal. A decision of the building official may be appealed to the Board of Adjustment as described in the Town Code.

**Article 7-5 ELECTRICAL CODE**

**Section 7-5-1 Adoption of the Electrical Code**

That certain code entitled the National Electrical Code, 2002 Edition is hereby adopted as the Electrical Code of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

A. 80.1 Scope. Add the following:

(6) This code shall be the Electrical Code for all structures except for buildings constructed under the International Residential Code, 2006. For any design, installation, or situation not covered in the International Residential Code, 2006, this Code shall be adhered to.

**Article 7-6 FUEL GAS CODE**

**Section 7-6-1 Adoption of the Fuel Gas Code**

That certain code entitled the International Fuel Gas Code, 2006 Edition is hereby adopted as the Fuel Gas Code of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

A. 101.1 Title. Omit [Name of Jurisdiction] and substitute the following: the Town of Clarkdale, Arizona.

B. 103 Department of Inspection. Delete in its entirety.

C. 109 Means of Appeal. Delete in its entirety and substitute the following: 109.1 Appeals. A person shall have the right to appeal a decision of the Building Official through the Board of Adjustment as described in the Town Code.

**Article 7-7 INTERNATIONAL FIRE CODE**

**Section 7-7-1 Adoption of the Fire Code – See Table A**

That certain code entitled the International Fire Code, 2006 Edition along with Appendix D is hereby adopted as the Fire Code of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

A. 103 Department of Fire Prevention. Delete in its entirety.

B. 105 Permits, Delete in its entirety.

## APPENDIX D, FIRE APPARATUS ACCESS ROADS

- C. D102.1 Access and Loading. Add the following after the last sentence: Vertical clearance of no less than 13 feet 6 inches shall be maintained on all access roads. The minimum width of private access roads over 200 feet in length shall be no less than 14 feet unless otherwise stated in this Code or approved by the fire chief. Access roads over 1000 feet long shall be provided with turn outs or passing lanes every 500 feet. Roads shall be constructed to be all weather and properly maintained. Access standards may be modified by the fire chief if the structures served are supplied with an approved fire suppression system. Bridges shall be constructed and maintained in accordance with the standards of the local jurisdiction having authority.
- D. D103.1 Grade. Omit in its entirety and substitute the following: Roads shall meet or exceed the following standards:
1. 0-6% grade, natural soil or 4" of compacted AB grade gravel.
  2. All roads over 6% grade shall be approved by the Fire Code Official.
- E. TABLE D103.4 Add the following after the first sentence in the 151-500 length, turnarounds required column: Approved outlets or turnarounds with a minimum width of 20 feet, a minimum inside turning radius of 20 degrees and a minimum outside radius of 40 degrees shall be required on all roads of 150 feet to 1000 feet. In the length column omit Over 750 and add the following: Over 1000. In the Turnaround required column omit special approval required and substitute the following: Turn outs or passing lanes shall be provided every 500 feet.
- F. D103.6.1 Roads 20 to 26 feet in width. Omit in its entirety.
- G. D103.6.2 Roads more than 26 feet in width. Omit in its entirety, and substitute the following: All roads shall maintain a 20 foot clear width, unless otherwise stated in the Town Code or are approved by the Fire Code Official.
- H. D103.6.2.1 Roads more than 29 feet wide. Fire apparatus roads 30 to 35 feet wide are permitted to have parking on both sides and no posting.
- I. 101.1 Title. Omit [NAME OF JURISDICTION] and substitute the following: Clarkdale, Arizona
- J. 108 Board Of Appeals  
Omit in its entirety and substitute the following:

108.1 Board of Adjustment. Appeals shall be heard by the Board of Adjustment as described in the Town of Clarkdale Code.

**Article 7-8 EXISTING BUILDING CODE**

**Section 7-8-1 Adoption of the Existing Building Code**

That certain code entitled the International Existing Building Code, 2006 Edition is hereby adopted as the Existing Building Code of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following:

- A. 101.1 Title. Insert after, *Building Code* of, the Town of Clarkdale, Arizona,
- B. 101.4 Applicability. Add after existing buildings, except one and two family dwellings (R-3),
- C. 103 Department of Building Safety. Omit in its entirety.
- D. 112 Board of Appeals, Omit in its entirety and substitute the following:  
112.1 Appeals. A person may appeal the decision of the Building Official through the Board of Adjustment as described in the Town Code.

**Article 7-9 ENERGY CONSERVATION CODE**

**Section 7-9-1 Adoption of the Energy Conservation Code**

That certain code entitled the International Energy Conservation Code, 2006 Edition, is hereby adopted as the Energy Code of the Town of Clarkdale and made a part of this chapter the same as though said code was specifically set forth herein, with the following changes:

- A. 101.1 Title. Omit [NAME OF JURISDICTION] and substitute the following: Clarkdale, Arizona.
- B. Table 402.1.1 Insulation and Fenstration Requirements by Component in Climate Zone 3. Ceiling R-value, omit 30, and substitute the following: 38. In the Wood Frame Wall R-Value, omit 13, and substitute the following: 18.

### EXISTING BUILDINGS – TABLE A

The 2006 International Building Code (IBC), International Fire Code (IFC) and the International Residential Code (IRC) as adopted and amended by the Town of Clarkdale, specifies where automatic fire suppression is required. Table A shall be used to determine fire suppression requirements in existing structures when a change of use occurs.

From This:	To This:	A	B	E Yes, if Occupant Load > 50	F(4)	H(1)	I(1)	M	R-1,2,3,4 (2)	S	U
A			NC	Yes, if Occupant Load > 50	NC	Yes	Yes	NC	Yes	NC	NC
B	Yes(3)			Yes, if Occupant Load > 50	NC	Yes	Yes	NC	Yes	NC	NC
E	Yes(3)	NC			NC	Yes	Yes	NC	Yes	NC	NC
F	Yes(3)	NC		Yes, if Occupant Load > 50		Yes	Yes	NC	Yes	NC	NC
H	Yes(3)	NC		Yes, if Occupant Load > 50	NC		Yes	NC	Yes	NC	NC
I	Yes(3)	NC		Yes, if Occupant Load > 50	NC	Yes			Yes	NC	NC
M	Yes(3)	NC		Yes, if Occupant Load > 50	NC	Yes	Yes	NC	Yes	NC	NC
R	Yes(3)	NC		Yes, if Occupant Load > 50	NC	Yes	Yes	NC	Yes	NC	NC
S	Yes(3)	NC		Yes, if Occupant Load > 50	NC	Yes	Yes	Yes	Yes		NC
U	Yes(3)	Yes		Yes, if Occupant Load > 50	Yes	Yes	Yes		Yes	Yes	

Yes =  
Sprinklers  
Required  
NC = No Change; no sprinklers required

**Notes:**

- 1. - 2006 IBC/IFC/IRC (as published) Requires
- 2. - Yes - A life Safety Issue - where people sleep
- 4. - Wood Working operations in excess of 1,000 sf

NC = 'No change' unless the new occupancy would be required to have Fire Sprinklers in the 2006 International Building Code (as published & unammended) - or - there is an inadequate water supply for this structure.

*Occupancy Classifications* - A=Assembly B=Business E=Education F=Factory H=Hazard I=Institutional M=Mercantile  
R-1=Hotels R-2=Apartments (nontransient) R-3=1&2 Family R-4=Residential Care S=Storage U=Miscellaneous