

**AN ORDINANCE ADOPTING THE
FIRE PREVENTION CODE
OF THE
ANTONIA FIRE PROTECTION DISTRICT
OF
JEFFERSON COUNTY, MISSOURI**

BE IT ORDAINED by the **Board of Directors** of the **Antonia Fire Protection District** of Jefferson County, Missouri, as follows:

An **ordinance** governing the design, construction, alteration, enlargement, equipment repair, demolition, removal, conservation, use and maintenance of all buildings and structures, prescribing minimum requirements and conditions to safeguard life, property and public welfare from the hazard of fire and explosion, adopting basic fire control measures and regulations conditions which could impede or interfere with emergency duties, **known as Fire Prevention Code**, providing penalties for the violation thereof; declaring and establishing fire limits; repealing existing and conflicting ordinances of the **Antonia Fire Protection District** of Jefferson County, Missouri and providing for the effective date of the ordinance.

SECTION 1. ADOPTION OF THE FIRE PREVENTION CODE.

That certain documents, copies of which are on file in the office of the Fire Marshal of the **Antonia Fire Protection District**, being marked and designed as “**The International Building Code**, first edition, 2009, and its appendices, “**The International Fire Code**, first edition, 2009, and its appendices, “**The International Residential Code**, first edition, 2009, and its appendices, **The International Property Maintenance Code**, first edition, 2009, and its appendices, “**The International Mechanical Code**, first edition, 2009, and its appendices “ **The International Fuel Gas Code**, first edition, 2009, and its appendices, “**The International Existing Building Code**, first edition, 2009, and its appendices, “**The International Urban-Wild Land Interface Code**, first edition, 2009, and its appendices, “**The National Electrical Code**, 2008 edition, and its appendices, All as published by, The International Code Council, Inc., are hereby **ADOPTED AND DECLARED** to be the **Fire Prevention Code of the Antonia Fire Protection District of Jefferson County, Missouri**, for the control of buildings and structures and each and all of the regulations, provisions, penalties, conditions and terms of “The International Building Code, first edition, 2009 and its appendices, “The International Fire Code, first edition, 2009 and its appendices, “The International Residential Code, first edition, 2009, and its appendices, The International Property Maintenance Code, first edition, 2009,

and its appendices, “The International Mechanical Code, first edition, 2009, and its appendices “ The International Fuel Gas Code, first edition, 2009,,and its appendices, “ The National Electrical Code, 2008 edition, and its appendices, All as published by, International Code Council, Inc., are referred to, adopted and made hereto by reference, as if fully set out in this ordinance, with all insertions, deletions, and changes, if any, prescribed in the following sections of this ordinance

SECTION 2 All previous ordinances of the Antonia Fire Protection District of Jefferson County, Missouri, which are in conflict with or contradict this ordinance are hereby expressly repealed and held for naught.

SECTION 3 The International Building Code: The following shall be added to, inserted, deleted, or changed in the **International Building Code, 2009**, first edition, as follows.

B-101.1 **1 Title** (Page 1) Delete and add the following:

These regulations shall be known as the Fire Prevention Code of **Antonia Fire Protection District**, hereinafter referred to as “this code.”

B-101.4.2 **Mechanical** (Page 1) Delete and add the following:

The provisions of the International Mechanical Code shall apply to the installation, alterations, repairs, and replacement of mechanical systems, including equipment, appliances, fixtures, fittings and /or appurtenances, including ventilating, heating, air-conditioning and incinerators.

B-101.4.3 **Plumbing** (Page 1) Delete in its entirety.

B-101.4.6 **Energy** (Page 1) Delete in its entirety.

B-103.1 **Creation of enforcement agency** (Page 2) Delete and add the following:

The department of fire prevention is hereby created and the official in charge thereof shall be known as the Fire Marshal.

B-103.2 **Appointment** (Page 2) Delete and add the following:

The **Board of Directors** of **Antonia Fire Protection District** shall appoint the Fire Marshal.

B-103.3 **Deputies** (Page 2) Delete and add the following:

In accordance with the prescribed procedures of **Antonia Fire Protection District**, and with the concurrence of the appointing authority, the **Board of Directors** shall have the authority to appoint an assistant to the Fire Marshal or other persons as may be needed to enforce the ordinances of the district. Such employees shall have powers as delegated by the Fire Marshal.

B-103.4 **Fire marshal** (Page 2) Add a new paragraph:

Anywhere the text states building official or code official it shall be understood to mean the Fire Marshal or his designate, unless specifically otherwise stated.

B-103.5 **Authority to engage engineer** (Page 2) Add a new paragraph:
The **Board of Directors** may avail itself of such services of an engineer, consultant or technician or such others, as it may deem necessary.

B-105.1.1 **Annual permit** (Page 3) Delete in its entirety.

B-105.1.2 **Annual permit records** (Page 3) Delete in its entirety.

B Section 106 Floor and Roof Design Loads (Page 5) Delete in its entirety.

B-107.2.5.1 Design flood elevations (Page 5) Delete in its entirety.

B-108.2 **Conformance** (Page 6) Delete and add the following:
Temporary structures and uses shall conform to fire safety and means of egress requirements of this code as necessary to ensure the public safety and general welfare.

B-109.2 **Schedule of permit fees** (Page 6) Delete and add the following:

B-109.2.1 **Inspection and permit fees:** (Page 6) Before a Fire Prevention Permit can be issued, pursuant to the following schedule, Inspection and Permit fees must be paid.

B109.2.2 Inspection fees:

1. Mobile home units new set up	\$ 50.00
2. Use permits residential, change of ownership	\$ 60.00
3. Use permits residential, rental	\$ 35.00
4. Use permits mobile home, change of ownership	\$ 35.00
5. Use permit, commercial	\$ 50.00
6. Operational permit	\$ 40.00 per Day
(There is no charge for school or church fundraisers)	
7. Fireworks "class B" display permits	\$ 50.00
8. Utility, miscellaneous building with no electric <5,500 Sq. ft.	\$ 75.00
9. Utility, miscellaneous building with electric <5,500 Sq. ft.	\$125.00
10. Fireplace installation permits	\$ 50.00 per unit
11. Wood stove installation permit	\$ 50.00 per unit
12. Electrical inspection residential	\$ 50.00
13. Electrical inspection commercial	\$ 75.00
14. Blasting permit per 30 days	\$100.00
15. Storage of explosives per 30 days	\$75.00 per vault
16. Fireworks stand	\$ 2.00 per sq. ft.
17. Residential permit renewal	\$ 25.00 per year
18. Air curtain destructor	\$150.00 30 days
19. Home day care	\$ 50.00
20. Miscellaneous inspection	\$ 50.00
21. Plat review permits	\$100.00
22. Sprinkler Fee: 1-100 Heads	\$275.00
101-200 Heads	\$300.00
201-300 Heads	\$325.00

301-400 Heads	\$350.00
401-500 Heads	\$375.00
Over 500 Heads= \$375. + \$0.33 per sprinkler head	
23. Fire Alarms = Construction cost as defined in B-109.2.3.2	
24. Hood Systems = Construction cost as defined in B-109.2.3.2	
25. Residential Sprinkler System	N/C
26. Incidents and Investigation Reports (as defined in RSMO610 of the Missouri Sunshine Law)	

B-109.2.3 Calculating fees: (Page 6) Add a new sub-section

Fees are based on the construction cost. This cost is based on the figures obtained from the quarterly magazine received from the Building Safety Journal issued by International Code Council (ICC).

B-109.2.3.1 Residential building permits: (Page 6) add a new Sub-section:

Which include one and two family dwellings, and accessory building thereof; a minimum fee of forty dollars (\$40.00) for the first two thousand dollars (\$2,000.00) dollars of construction cost and an additional fee of one dollar and fifty cents (\$1.50) for each additional one thousand dollars (\$1,000.00) of construction cost as figure from the Building Safety Journal.

B-109.2.3.2 Commercial building permits (Page 6) Add a new Sub-section:

This includes all other construction not within the definition of residential building permits; a minimum fee of one hundred dollars (\$100.00) for the first two thousand (\$2,000.00) dollars of construction cost and an additional fee of three dollars and fifty cents (\$3.50) for each additional one thousand (\$1,000.00) dollars of construction cost as figure from the Building Safety Journal.

B109.2.3.3 Plat review permit (Page 7) Add a new sub-section:

When a plat for a subdivision, mobile home court, commercial development etc. is submitted and fees have been paid, a Fire Prevention Plat Review Permit shall be issued. This permit will cover the following items: street, fire hydrant locations and placement, entrances into a development, fire lane requirements, street grades, painting of fire hydrants, street signs and street names and other items required by this ordinance

B-108.2.3.7.1 Expiration of plat review permit (Page 6) Add a new-subsection:

The plat review permit shall expire two (2) years from the date of the issuance of the permit. If no construction or grading has begun then a new permit must be re-applied for and permit fee paid.

B109.2.3.4 Additional costs: (Page 7) Add a new paragraph:

(A) In addition to the permit fees and inspections fees provided for herein, all reasonable costs and fees charged to the District, such as a professional site and building plan review, inspection and permit fees, testing fees, and all other district expenses substantially related to the application review, when deemed necessary

by the Fire Marshal, shall be paid by the applicant before issuance of any permit or approval requested by the applicant.

(B) The **Board of Directors of Antonia Fire Protection District** may adopt an escrow procedure to help ensure that all such costs charged to the District are recovered from applicants.

(C) In the event the District receives an application, petition, or other request for any administrative or legislative consideration, and the applicant, petitioner or requestor owes the District any amount from previous District consideration, including third party expenses the District has incurred, the District has the right to refuse to give any consideration to such application, petition, or request until such time that the District has received payment in full or payment terms acceptable to the District.

B109.4 Work commencing before permit issuance (Page 7) Delete and add the following:

Any person who commences any work on a building, structure, electrical, gas, mechanical or the placing of concrete slabs, piers, runners, footings or other materials, including lumber for the purpose of erecting, altering, repairing or adding, for new or existing structures shall be subject to a fee established by the code official that shall be in addition to the required permit fees as stated in B109.4.1

B109.4.1 Fee schedule for work commencing before permit issuance (Page 7) Add a new paragraph:

The building permit fees shall be doubled where work for which the permit is required has commenced prior to obtaining the permit. The payment of this double fee shall not relieve any person from fully complying with all provisions regulating such construction.

B-109.6 Refund (Page 7) Delete and add the following:

A ten (10) percent or ten (10) dollar fee (whichever is greater) of the total permit amount shall be charged on all permits if the owner cancels prior to starting of the project. If an inspection has been done there will not be a refund.

B110.3.1 Footing or foundation inspection (Page 7) Delete in its entirety.

B-110.3.3 Lowest floor elevation (Page 7) Delete in its entirety.

B110.3.7 Energy efficiency inspections (Page 7) Delete in its entirety.

Section B-113 Appeals (Page 8) Delete in its entirety and add the following:

An owner, agent, operator or occupant aggrieved by an order by the Fire Marshal may present an appeal to the **Board of Directors** within ten (10) days of the service of such order and the **Board of Directors** shall fix a time and place when and where such appeal may be heard. Such appeal shall stay the execution of such order until it has been heard and reviewed, vacated, or confirmed. The **Board of Directors** shall at such hearing may affirm, modify, revoke, or vacate such order. Unless revoked or vacated, such order shall

then be enforced. Nothing herein contained shall be deemed to deny the right of any person, firm, corporation or voluntary association to appeal from an order or a decision of the **Board of Directors** to a court of competent jurisdiction. Such appeal shall stay the execution of such order until it has been heard and reviewed, vacated or confirmed.

B114.4 Violation penalties (Page 9) Persons who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof, or who shall erect, install, alter, repair or do work in violation of the approved construction documents or construction of the fire code official, or of a permit or certificate used under provisions of this Code, shall be guilty of a Class B misdemeanor, as described in Section RSMo 321.600 punishable by a fine of not more than \$500.00. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

B-406.1.4 Separations (Page 45) Delete and add the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 5/8-inch type X gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from the habitable rooms above by not less than 5/8 inch type X gypsum or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors or solid or honeycomb core steel door with a 20 minute rating. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
2. A separation is not required between a Group R-3 and U carport, provided the carport is entirely open on two or more sides and there are not enclosed areas above.

Chapter 12 **Interior environment** (Page 271) Delete all except the following.

B-1205.4 Stairway illumination (Page 272) Delete and add the following:

Where lighting outlets are installed in interior stairways, there shall be a wall switch at each floor level to control the lighting outlet where the difference between floor levels is six steps or more. (Per the NEC section 210-70 lighting outlets required.)

B-1205.4.1 Controls (Page 273)

B-1205.5 Emergency egress lighting (Page 273)

B-1209.1 Crawl spaces (Page 274)

B-1209.2 Attic spaces (Page 274) Delete and add the following:

An opening not less than 22 ½ inches by 30 inches shall be provided to any attic area having a clear height of over 30 inches. A 30-inch minimum clear headroom in the attic space shall be provided at or above the access opening. Where complete access is not obtained throughout the attic, additional attic accesses shall be required as approved by the Fire Marshal.

B-1209.2.1 Closets (Page 274) Add a new sub-section:
Attic accesses are not to be located in any closet unless the finished dimensions of the closet are greater than eight (8) feet by ten (10) feet; any such access must be centrally located.

B-1209.2.2 Garage attic access (Page 274) Add a new sub-section:
Attic access is allowed to be 1 layer of 5/8 inch Type X Drywall supported by 2X4 construction. If pull down stairs are used, then they must be 1hour fire rated.

B-1209.3 Mechanical Appliances (Page 274)

Chapter 13 **Energy efficiency** (Page 275) Delete in its entirety.

Chapter 14 **Exterior walls** (Page 277) Delete all except the following:

Section 1401 **General** (Page 277)

Section B-1402 **Definitions** (Page 277)

B-1403.4 Fire resistance (Page 278)

B-1405.11.4 **Grounding** (Page 281)

Section 1406 **Combustible materials on the exterior side of exterior walls** (Page 283)

Section 1407 **Metal composite materials (MCM)** (Page 284) Delete the following:

B-1407.2 Exterior wall finish (Page 284)

B-1407.4 Structural design (Page 284)

B-1407.5 Approval (Page 284)

B-1407.6 Weather resistance (Page 284)

B-1407.7 Durability (Page 284)

Section 1408 **Exterior insulation and finish systems (EIFS)** (Page 285) Delete in its entirety.

Chapter 15 **Roof assemblies and rooftop structures** (Page 287) Delete all except the following.

Section 1501 **General** (Page 287)

Section 1502 **Definitions** (Page 287)

Section 1505 **Fire classification** (Page 289)

Section 1506 **Materials** (Page 289)

Section 1509 **Rooftop structures** (Page 300)

Section 1510 **Re-roofing** (Page 301) Delete and add the following:

B-1510.1 **Attic space:** (Page 301)

When an existing roof is being covered with materials forming a new attic, the old roof covering materials and plywood or steel decking must be removed.

Chapter 16 **Structural design** (Page 303) Delete in its entirety.

Chapter 17 **Structural tests and special inspections** (Page 367) Delete except the following:

Sections 1702 **Definitions** (Page 367)

Section 1703 **Approvals** (Page 367)

B-1704.1 **General** (Page 368)

B-1704.1.1 **Statement of special inspection** (Page 369)

B-1704.1.2 **Report Requirement** (Page 369)

B 1704.12 **Sprayed fire resistant materials** (Page 378)

B-1704.12.1 **Physical and visual tests** (Page 378)

B1704.12.2 **Structural member surface conditions** (Page 378)

B-1704.12.3 **Application** (Page 378)

B-1704.12.4 **Thickness** (Page 378)

B-1704.12.4.1 **Minimum allowable thickness** (Page 378)

B-1704.12.4.2 **Floor, roof and wall assemblies** (Page 378)

B-1704.12.4.2.1 **Cellular decks** (Page 378)

B-1704.12.4.2.2 **Fluted decks** (Page 378)

B-1704.12.4.3. **Structural members** (Page 378)

B-1704.12.4.3.1 **Beams and girders** (Page 378)

B-1704.12.4.3.2 **Joist and trusses** (Page 378)

B-1704.12.4.3.3 **Wide-flanged columns** (Page 378)

B-1704.12.4.3.4 **Hollow structural section and pipe columns** (Page 378)

B-1704.12.5 **Density** (Page 378)

B-1704.12.6 **Bond strength** (Page 378)

B-1704.12.6.1 **Floor, roof and wall assemblies** (Page 379)

B-1704.12.6.2 **Structural members** (Page 379)

B-1704.12.6.3 **Primer, paint and encapsulate bond test** (Page 379)

B1704.13 **Mastic and intumescent fire-resistant coatings** (Page 379)

B1704.15 **Special cases** (Page 379)

B1704.16 **Special inspection for smoke control** (Page 379)

B-1704.16.1 **Testing scope** (Page 379)

B-1704.16.2 **Qualifications** (Page 379)

Section B-1712 **Alternative test procedure** (Page 383)

Chapter 18 **Soils and foundations** (Page 387) Delete in its entirety.

Chapter 19 **Concrete** (Page 417) Delete in its entirety.

Chapter 20 **Aluminum** (Page 427) Delete in its entirety.

Chapter 21 **Masonry** (Page 429) Delete all except the following:

B-2101.1 **Scope** (Page 429)

B-2101.3.1 **Fireplace drawings** (Page 429)

Section 2102 **Definitions and notations** (Page 429)

Section 2110 **Glass unit masonry** (Page 438)

Section 2111 **Masonry fireplaces** (Page 438)

Section 2112 **Masonry heaters** (Page 440)

Section 2113 **Masonry Chimneys** (Page 441)

Chapter 22 **Steel** (Page 447) Delete in its entirety.

Chapter 23 **Wood** (Page 451) Delete all except the following:

B-2303.1.8.1 **Identification** (Page 453)

B-2303.2 **Fire-retardant-treated wood** (Page 453)

B-2303.2.4 **Labeling** (Page 454)

B-2303.2.9 **Type I and II construction applications** (Page 454)

B-2304.5 **Framing around flues and chimneys** (Page 456)

B-2304.9.5 **Fasteners in preservative-treated and fire-retardant-treated wood** (Page 461)

B-2304.9.5.1 **Fasteners and connectors for preservative wood** (Page 461)

B-2304.9.5.2 **Fastenings for wood foundations** (Page 461)

B-2304.9.5.3 **Fasteners for fire-retardant-treated wood used in exterior applications or wet damp locations** (Page 461)

B-2304.9.5.4 **Fasteners for fire-retardant-treated wood used in interior application** (Page 461)

Chapter 24 **Glass and glazing** (Page 521) Delete in its entirety:

Chapter 25 **Gypsum board and plaster** (Page 529) Delete all except the following:

Section 2502 **Definitions** (Page 529)

Section 2506 **Gypsum board materials** (Page 530)

Chapter 26 **Plastic** (Page 535) Delete all except the following:

Section 2601 **General** (Page 535)

Section 2602 **Definitions** (Page 535)

Section 2603 **Foam plastic insulation** (Page 535)

Section 2604 **Interior finish and trim** (Page 538)

Section 2605 **Plastic veneer** (Page 539)

B-2606.7 **Light-diffusing systems** (Page 539)

B-2606.7.4 **Fire suppression system** (Page 540)

B-2606.7.5 **Electrical luminaires** (Page 540)

B-2607.5 **Automatic sprinkler system** (Page 540)

Section 2608 **Light-transmitting plastic glazing** (Page 541)

Section 2609 **Light-transmitting plastic roof panels** (Page 541)

Section 2610 **Light-transmitting plastic skylight glazing** (Page 542)

Section 2612 **Fiber reinforced polymer and fiberglass reinforced polymer** (Page 543)

Section 2613 **Reflective plastic core insulation** (Page 544)

Chapter 29 **Plumbing systems** (Page 549) Delete in its entirety.

Section B-3109 **Swimming pool enclosures and safety devices** (Page 562) Delete in its entirety.

Chapter 33 **Safeguards during construction** (Page 567) Delete all except the following:

Section B-3301 **General** (Page 567)

Section B-3302 **Construction safeguards** (Page 567)

 B-3303.1 **Construction documents** (Page 567)

 B-3303.2 **Pedestrian protection** (Page 567)

 B-3303.3 **Means of egress** (Page 567)

 B-3303.6 **Utility connections** (Page 567)

Section B-3308 **Temporary use of streets, alleys and public property** (Page 569)

 Section B-3309 **Fire extinguishers** (Page 569)

Section B-3310 **Means of egress.** (Page 569)

Section B-3311 **Standpipes** (Page 569)

Section B-3312 **Automatic sprinkler system** (Page 570)

Appendix A (Page 607) Delete in its entirety.

Appendix B (Page 609) Delete in its entirety.

Appendix D (Page 613) Delete in its entirety.

Appendix E (Page 617) Delete in its entirety.

Appendix F (Page 623) Delete in its entirety.

Appendix G (Page 625) Delete in its entirety.

Appendix H (Page 631) Delete in its entirety.

Appendix I (Page 635) Delete in its entirety.

Appendix J (Page 637) Delete in its entirety.

SECTION 4 INTERNATIONAL FIRE CODE: The following shall be added to, inserted, deleted, or changed in the **International Fire Code, 2009 First Edition**, as follows.

F-101.1 **Title** (Page 1) Delete and add the following:

These regulations shall be known as the Fire Code of **Antonia Fire Protection District**, hereinafter referred to as “this Code”.

F-103.2 **Appointment** (Page 2) Delete in its entirety and refer to B-103.2

F-103.3 **Deputies** (Page 2) Delete in its entirety and refer to B-103.3

Section F-108 **BOARD of APPEALS** (Page 11) Delete in its entirety and refer to B-113 (Page 8)

Section F-109 **Violations** (Page 11) Delete in its entirety and refer to B-114 (Page 9)

Section F-111 Stop Work Order (Page 13) Add the following:

Section 111.4 Insert: \$100.00 in the first blank location in the section and \$500.00 in the second location.

Section 113 **Fees** (Page 13) Delete in its entirety and refer to B-109.2 **Schedule of permit fees.** (Page 6)

F-302.1 **Definitions:** (Page 33) add the following:

Air curtain destructor:

Special equipment used to burn large amounts of brush with little or no air pollution. The term Air Curtain Destructor is abbreviated in this code as “ACD”.

F-307.1.2 **Prohibited open burning:** (Page 35) new sub-section

The Fire Marshal shall order the extinguishment, by the permit holder, of any open burning when the wind speed is 15 miles per hour or higher, when the humidity is 50 percent or lower or when the burning creates or adds to a hazardous or unsafe situation.

F-307.2.2 Application for Burning Permit: (Page 35) new sub-section

Applications for Burning permits shall contain information regarding the name of person responsible for burning, address, and location of burning, telephone number, date the permits expire, authorized signature and signature of responsible party. Application for an ACD permit must be accompanied with a permit from the **Department of Natural Resources**.

F-307.2.3 Permit fees: (Page 35) Add new sub-section:

All permit fees shall be paid to the Antonia Fire Protection District of Jefferson County, Missouri as provided by B-109.2.2 "Permit Fees".

F-307.4.1 Duration of bonfires fire: (Page 35) Add new sub-section:

The duration of a fire shall not be longer than six (6) hours in length.

F-307.6 Materials: (Page 35) Add new sub-section:

Open burning shall not be utilized for disposal of trade waste or salvage operation, or for the following materials: household trash, rubber, tires, shingles, vinyl siding, treated lumber, the fuel shall be chosen to minimize the generation of air contaminants.

F-307.7 Duration of burning: (Page 35) Add new sub-section:

All burning operations shall only occur from the hours of 10:00 AM to 4:00 PM.

F-307.8 Season: (Page 35) Add new sub-section:

The burning season shall exist from September 16 through April 14 of each year. Burning season can be extended only if approved by the Department of Natural Resources (DNR).

F-307.9 Permits: (Page 35) Add new sub-section:

Before a permit can be issued for an ACD a copy of the permit must be submitted from the Department of Natural Resources. The area must be inspected by the Fire Marshal's office to check material being burned and the distance to other structures. After this is approved an ACD permit will be issued. All rules noted on the permit must be followed along with the regulations issued by the Department of Natural Resources

F-307.10 Burning locations for ACD's (Page 35) Add new sub-section:

The pit shall not be any closer than 200 feet from any structure.

F-307.11 Pits for air curtain destructor (ACD): (Page 35) Add new sub-section:

The pit dimensions shall be a maximum of eight (8) feet to ten (10) feet in width. The length shall be the same as the blower. Both ends must be blocked off square. The ACD must be angled properly (airflow directed downward at an approximate thirty [30] degree angle) and operating.

The material being burned shall be loaded into the pit below the airflow. The Fire Marshal's Office shall inspect each pit before any burning may occur. Violations found may cause the permit to be revoked until violation are corrected

F-307.12 **Materials** (Page 35) Add new sub-section:

Air curtain destructors (ACDs) shall not be utilized for waste disposal purposes, or for the following materials: household trash, rubber, tires, shingles, vinyl siding, treated lumber, and cedar trees, poison ivy and poison sumac, or as approved by the Fire Marshal.

F-307.13 **Closing of burn pit:** (Page 35) Add new sub-section:

At 4:00 PM the burn pit must be covered with a minimum of two (2) feet of fill and packed with heavy equipment being utilized with the burning operation until smoke is no longer visible.

F-503.3.1 **Location of signs** (Page 50) Add a new sub-section:

NO PARKING-FIRE LANE Signs shall be located as follows:

This is the responsibility of the property owner or subdivision governing body.

1. On the side property line or in the road easement as approved by the Fire Marshal.
2. Three hundred feet (300') spacing between signs or as directed by the Fire Marshal.
3. Signs must be mounted on a ten (10) foot post placed in the ground a minimum of three (3) feet and reinforced with concrete.
4. Signs must face toward the traffic. Where the signs are required to change the side of the street there posted on, as required by the Fire Marshal, signs with arrows shall be added showing the starting and stopping of the fire lane.
5. Signs shall be located on the side of the street that fire hydrants are located.
6. Marking in cul-de-sac either with a minimum of three signs or two signs and paint the curb red.

F-503.3.3 **Sign maintenance:** (Page 40) Add a new sub-section:

All fire lane signs and markings shall be maintained in a clear and legible condition. This is the responsibility of the property owner or subdivision governing body.

F503.7 Speed calming devices: (Page 50) Add a new sub-section:

All proposals must meet the following criteria:

Speed calming devices meeting the following requirements may be allowed. All speed calming devices shall be approved by the Fire Marshal. Speed calming devices shall not be allowed until an operational permit for such is approved and issued.

1. No devices shall be allowed to be below street grade.
2. Maximum height shall not exceed three (3) inches above street grade.

3. Width shall be twenty four (24) inches.
4. Speed calming devices shall extend across all lanes of traffic.
5. Speed calming devices shall be painted “Highway Safety Yellow” with reflective glass beads.
6. Speed calming devices shall be placed so that there is a minimum distance of one hundred and fifty 150 feet between devices measured from the center of the speed calming device unless otherwise determined by the Fire Marshal.
7. Speed calming devices shall also comply with all applicable Americans with Disabilities Act specifications or guidelines.
8. Prefabricated “removable” speed calming devices may be allowed if specifications are approved by the Fire Marshal.

F503.8 Unacceptable location for speed calming device (Page 50)

1. Within fifty (50) feet of an intersection or cross street.
2. Within a cul-de-sac or an eyebrow (being a reconnected side street to the main thoroughfare, usually of short distance) or within fifty (50) feet of either such construction.
3. Within fifty (50) feet of any fire hydrant.

F503.9 Signs (Page 50) Add a new sub-section:

Signs shall have a diamond shape of twenty four (24) inches by twenty four (24) inches and have black letters on yellow reflective background. Signs shall be posted on both sides of the fire apparatus access road as required in the following;

“Caution speed hump”, or any similar language approved by the Fire Marshal.
Signs shall be located as follows:

1. Located on the side property line or in the road easement as approved by the Fire Marshal.
2. Seventy five (75) feet in advance of each speed calming device or as directed by the Fire Marshal.
3. Signs must be mounted a height of seven (7) feet from the bottom of the sign to the surface of the pavement. The post shall be buried a minimum of two (2) feet into the ground.

F503.10 Sign maintenance (Page 50) Add a new sub-section: All speed calming device signs and markings shall be maintained in a clear and legible condition. This is the responsibility of the property owner or subdivision governing body.

F503.11 Petition (Page 50) Add a new sub-section:

A petition signed by all Trustees or Subdivision committee members must be presented with each application. In the event that there are no trustees or subdivision committee then a majority of the property owners must sign a petition to be presented. Each signature must be accompanied by the individual's legibly printed name and address. Each page of the petition must state the following: "I/We agree with speed calming device(s) being installed on the roadways of the subdivision; I/We understand that when the speed calming device(s) is installed the fire department response can be lengthened by an extended period of time; I/we further agree to not hold any emergency service responder, including but not limited to fire district, ambulance district or police department and personnel responsible for damages to persons or property due to additional response time. This agreement shall be considered a covenant running with the land."

F503.12 Subdivision indenture (Page 50) Add a new sub-section:

The subdivision shall incorporate, adopt, and keep in force in the indentures of subdivision restrictions a provision accepted by the district that holds the district, its agents and employees, harmless from any and all liability as a result of any increased response time due to the presence of the speed calming device(s) or gates and its operating system, or damage to speed calming device(s) or gates in the answering of an emergency call.

F503.13 Trustees (Page 51) Add new sub-section:

The subdivision shall provide the names of each trustee to the fire marshal's office. This will include each time the trustees change. Information required:

1. Name
2. Address
3. Phone number

F-506.2.1 Installation (Page 51) Add in sub-section:

The Key-Box system shall be installed as follows:

1. Recessed mount

The box shall be installed a minimum of 5 feet, but no more than 6 feet, above finished grade.

2. Surface mount:

The box shall be installed a minimum of 5 feet, but no more than 6 feet, above finished grade.

3. Rapid entry key switch or lock:

The location of the switch shall be approved by the Fire Marshal.

4. Residential box:

The box shall be mounted at a location close to the front door or mounted on the door as directed by the Fire Marshal.

5. Fire department alert decal:

One decal shall be mounted on each exterior door in the center of the glass or on the doorframe as directed by the Fire Marshal.

Section 511 Construction decals (Page 52) Add new section:

Construction decals will be placed on the electrical meter cans. There will be four types of decals to choose from depending on the type of construction. These decals are designed to give the firefighters an idea of what dangers they may be faced with regarding the building's construction.

F-511.1 Construction decal types (Page 52) Add new section:

1. A decal with just a (T) at the top states the structure has lightweight truss construction using gusset plates.
2. A decal with just a (E) at the bottom states the structure has an lightweight engineered floor construction.
3. A decal with a (T) at the top and (E) at the bottom states the structure has light weight truss construction utilizing gusset plates and lightweight engineered floor construction.
4. A decal with no marking at the top or bottom states that the structure has neither lightweight roof nor lightweight engineered floor construction.

F-511.2 Removing construction decals (Page 52) Add new section:

It shall be unlawful for any person or persons to remove the construction decal. If removed without consent from the fire department, it shall constitute as a violation and be punishable under code section 114 of the IBC.

F-903.1.2 Post Indicator valves (Page 79) Add a new sub-section:

All sprinkler systems, except limited area sprinkler systems and residential systems, shall be approved with a post indicator valve (PIV) that shall control the water supply to all automatic fire sprinkler systems in the building.

F-903.1.2.1 Location of PIV (Page 79) Add a new sub-section:

The post indicator valve (PIV) shall be located within sight of the fire department connection or as approved by the Fire Marshal.

F-907.7.6 Point to point systems (Page 100) Add the following:

Alarm System shall be a point to point system unless stated by the Fire Marshal.

F-907.10 Faulty alarms (Page 101) Add a new section:

F-907.10.1 **Definitions** (Page 101) Add new section:

Alarm systems: Any mechanical or electrical device which is designed to be actuated manually or automatically upon the detection of fire, smoke or water flow in the protected building, structure, facility, or premises through the emission of a sound or transmission of a signal or message.

False alarm: Any activation of an alarm system intentionally or by inadvertence, negligence, or unintentional act to which the District responds, including activation caused by the malfunction of the alarm system, except that the following shall not be considered false alarms:

A. When the Fire Marshal determines that the alarm has been caused by the malfunction of the indicators at the alarm dispatching agency;

B. When the Fire Marshal determines that the alarm had been caused by damage, testing or repair of the telephone equipment or lines by the telephone company, provided that such incidents are promptly reported to the telephone company; or

C. When an alarm is intentionally caused by an occupant or resident acting under a reasonable belief that a need exists to call the district.

F-907.10.2 **Condition** (Page 101) Add new section:

No person, corporation, firm or other entity owning or occupying any premises within the boundaries of the district, in or on which premises is installed an automatic fire alarm, fire detection or sprinkler system shall transmit false alarms to any alarm dispatching agency.

F-907.10.3 **Tampering** (Page 101) Add new section:

It shall be unlawful for any owner or occupant to reduce the effectiveness of the protection so required or so installed, except that the owner or occupant may temporarily reduce or discontinue the protection where necessary to make test, repairs, alterations, or additions. The Fire Marshal shall be notified before such test; repairs, alterations, or additions are to be effected and upon completion shall be advised of the extent of any such work for additional requirements.

F-907.10.4 **Notification to district when out of service** (Page 101) Add new section:

Whenever an alarm is to be out of service for repairs, it shall be the owner's or occupant's responsibility to determine that the serviceman performing such repairs has notified the District of the pending shut-off prior to such action. When an alarm system has Central Station Supervision, the company providing such service shall also be notified of said action.

F-907.10.5 **Penalty to notify** (Page 101) Add new section:

Failure to notify the alarm dispatching organization or the District of a system shut-off and the repairs which result in unnecessary alarm being transmitted to the District will

subject the owner or occupant to a fine of one hundred dollars (\$100.00) for each false alarm, in addition to any other penalties this Ordinance may provide.

F-907.10.6 **System in disrepair** (Page 101) Add new section:

Should any such alarm system transmit any false alarm to the district, either directly or through a central dispatching agency, or should inspection of any such system by any officer of the District reveal a condition such that the system is likely to transmit a false alarm, the owner or occupant of the premises shall take such remedial action as necessary, and shall make or cause to be made such adjustments and repairs to the alarm system as the Fire Marshal shall order. An order by the Fire Marshal shall be completed within twenty four (24) hours after such order has been given.

F-907.10.7 **Charges of false alarms** (Page 101) Add new section:

All false alarms to which the Fire Protection District responds shall result in the following charges to the alarm system's owner or occupant:

F-907.10.8 **First false alarm** (Page 101) Add new section:

A warning for the first false alarm in any calendar year.

F-907.10.9 **Second false alarm** (Page 101) Add new section:

Fifty dollars (\$50.00) charge for the second false alarm in any calendar year.

F-907.10.10 **Third false alarm** (Page 101) Add new section:

One hundred dollars (\$100.00) service charge for the third and any subsequent false alarm in any calendar year.

F-907.10.11 **Payment** (Page 101) Add new section:

Upon determination by the Fire Marshal that a false alarm has occurred, the District shall send a notice to the alarm user of the determination and directing the payment of the appropriate service charge within thirty (30) days.

F-907.10.12 **Cancellation** (Page 101) Add new section:

The District may cancel any notice or service charge upon satisfactory proof by the alarm user that a particular alarm falls within the exceptions enumerated in the foregoing sections.

F-907.10.13 **Refusal** (Page 101) Add new section:

Willful refusal to pay any such charge within thirty (30) days following notice shall constitute a violation of this Ordinance.

F-907.10.14 **12 Month, no false alarms** (Page 101) Add new section:

If the owner or occupant of a building continues through a twelve (12) month period without a faulty or false alarm, they shall begin at a new faulty or false alarm signal period.

F-907.10.15 **New systems** (Page 101) Add new section:

Newly installed systems shall be given sixty days (60) to correct any problems that may activate a faulty or false alarm signal.

F-3302.1 **Definitions:** (Page 302) add the following:

Distributor: A person engaged in the business of selling fireworks to wholesalers, jobbers, seasonal retailers, other persons, or governmental bodies that possess the necessary permit under F3308.11.2, including any person that imported fireworks of any kind in any manner into the District.

Fireworks Season: The period between the twentieth (20th) day of June through the tenth (10th) day of July and the period between the twentieth (20th) day of December through the second (2nd) day of January of each year, shall be the only periods of time that seasonal retailers may be permitted to sell fireworks.

Jobber: Any person engaged in the business of making wholesale or retail sales of fireworks within the District to non-licensed buyers from outside the state of Missouri for use and distribution outside the state of Missouri during calendar year from the first (1st) day of January through the thirty-first (30th) day of December.

Manufacturer: Any person engaged in the making, manufacturing, assembly or construction of fireworks of any kind.

Sale: An exchange of articles of fireworks for money, including barter, exchange, gift or offer thereof, and each such transaction made by any person whether as a principal proprietor, salesman, agent, association, co-partnership or one or more individuals.

Seasonal Retailer: Any person within the District engaged in the business of making sales of fireworks in the District during the fireworks season as may be defined by this code or the revised statutes of the State of Missouri.

Wholesales: Any person engaged in the business of making sale of fireworks to any other person engaged in the business of making sale of fireworks at retail within the District.

Prohibited Fireworks: All items of special UN 1.36 commercial type salutes known as “cherry bombs, M 80's”, and various tubular salutes which exceed the limits of permitted D.O.T. Class UN 1.46 common fireworks items as to explosive composition designed to produce an audible effect are expressly prohibited from shipment into, manufacture, possession, sale and use within the District for any purpose.

Permissible Fireworks: It shall be unlawful for any person to possess, sell or use within the District, or ship into the District, except as provided for special fireworks, any pyrotechnics commonly known as fireworks other than items now or hereafter classified as class UN 1.46 common fireworks by the United States Department of Transportation, or those items that comply with the construction, commercial composition, and labeling regulations promulgated by the United States Consumer Protection Safety Commission and permitted for use by the general public under their regulations. Items prohibited shall

include items which are not classified by the United States Department of Transportation as “Common Fireworks” but identified under the regulations as trick noisemakers, toy novelties, toy smoke devices, and sparklers, and shall include toy snakes, snappers, auto burglar alarms, smoke balls, smoke novelty items and wire sparklers containing any chlorate or pre-chlorate salts may not exceed five (5) grams of composition per item. Matches, toy pistols, toy canes, toy guns, party poppers, or other devices in which paper caps containing twenty five hundred (2500) grains or less of explosive compound provided that they are so constructed that the hand cannot come into contact with the cap when in place for use, and toy pistol paper caps which contain less than twenty five hundred grains of explosive mixture shall be permitted for sale and use at all times and shall not be regulated by the provisions of this ordinance.

F-3308.11 **Retail display and sale** (Page 318) Delete and add the following:

F-3308.11.1 **Scope:** (Page 318) Add new section:

The manufacture of fireworks is prohibited within the District. The sale, distribution, possession, and use of fireworks within the District without a permit are also prohibited.

F-3308.11.2 **Permit required:** (Page 318) Add new section:

No one shall offer for sale to the public any fireworks without first obtaining a permit therefore.

F-3308.11.3 **Permit application:** (Page 318) Add new section:

Application for permits shall be made in writing and shall be accompanied by a fee in the amount of two (2) dollars per square foot of retail operation, based upon the outside perimeter of the building, tent or stand that the retail operation occupies. A permit shall be valid only during the fireworks season for which it is granted. A permit granted hereunder shall not be transferable, nor shall any such permit be issued to a person under eighteen (18) years of age. All applications shall be accompanied by:

1. Written proof of ownership of property or valid lease or rental agreement permitting operation thereon;
2. One copy of plot plan showing:
 - A. The location of the structure that the operation will occupy;
 - B. Lot lines;
 - C. Other structures and
 - D. Distance from structure to lot lines;
3. One application must be completed for each building, stand or tent that an operation will occupy.

F-3308.11 **Special fireworks:** (Page 318) Add new sub-section:

Nothing in this code shall be construed as applying to the shipping, sale, possession and use of special fireworks for public display by holders of a permit for public display to be conducted in accordance with the rules and regulations governing this type of fireworks by the Alcohol, Tobacco and Firearms Division of the United States Treasury

Department and Chapter 320 Revised Statutes of Missouri. Possession and sale of special fireworks shall be limited to a holder of a federal license or permit issued for display fireworks. Possession of special fireworks for resale to holders of a permit for public display shall be confined to holders of a manufacturer or distributor's permit.

F-3308.11.1 **Seizure of fireworks** (Page 318) Add new sub-section:

The Fire Marshal shall seize, take, or remove or cause to be removed at the expense of the owner, all stock of fireworks offered or exposed for display or sale, stored or held in violation of this ordinance.

F-3308.11.2 **Sale of fireworks** (Page 318) Add new sub-section:

No person, corporation or other entity of any kind shall conduct, or cause to be conducted, or keep or maintain or operate any stand or store or other place for the sale, or for offering for sale, of any fireworks within the District. Unless such person, corporation, or the entity shall first obtain from the Fire Marshal a permit. The Fire Marshal shall issue such permit only if satisfied after such investigation, that the conduct of such stand in that location will be in complete compliance with the applicable provisions of the ordinance of the District and the revised statutes of the State of Missouri.

F-3308.11.3 **Permissible items sold when:** (Page 318) Add new sub-section:

Permissible items of fireworks may be sold at retail by holders of a permit only during the selling periods of the twentieth (20th) day of June through the tenth (10th) day of July and the twentieth (20th) day of December through the second (2nd) day of January.

F-3308.11.4 **Means of egress** (Page 318) Add new sub-section:

1. All means of egress from any temporary seasonal retail sales tent or stand shall remain clear and free of obstructions.
2. A minimum of two (2) remote means of egress shall be located in a seasonal retail sales location.
3. Exits provided for temporary seasonal retail sales stands shall be arranged so that the maximum egress travel distance does not exceed thirty-five feet (35').
4. Exits provided for seasonal retail tents shall be arranged so that the maximum egress travel distance measured from the most remote point to an exit along the natural and unobstructed path of egress travel does not exceed seventy-five feet (75').
5. Aisles within a temporary seasonal retail sales tent, where the interior is accessible to the public, the minimum clear width shall be permitted to be not less than forty-eight inches (48").
6. Aisles within a temporary seasonal retail sales stand, where the interior is not accessible to the public, the minimum clear width shall be permitted to be not less than twenty-eight inches (28").

7. The required width of aisles shall be maintained unobstructed at all times the facility is occupied by the public.

8. Dead end aisles shall be prohibited.

9. Exit openings from seasonal retail sales tents shall be not less than forty-four inches (44") in width.

10. Egress doors in temporary seasonal retail sales stands where the interior is not accessible to the public shall be permitted to be not less than twenty-eight inches (28") in width.

11. Egress doors in temporary seasonal retail sales stands where the interior is accessible to the public shall be permitted to be not less than thirty-six inches (36") in width.

12. No fireworks shall be displayed for sale or stored within two feet (2') of any public exit, or private entrance or exit in an enclosed building.

F-3308.11.5 Required documentation (Page 318) Add new sub-section:

At all times that the stand is open for business, invoices, bills of sale and shopping tickets for all items on sale in the stand shall be available for inspection by the Fire Marshal at any time.

F-3308.11.6 Restricted locations (Page 318) Add new sub-section:

It shall be unlawful to expose fireworks to direct sunlight through glass to the merchandise display, except where the fireworks are in the original package. All fireworks which the public may examine shall be kept for sale in original package, except where an attendant is on duty at all times. Fireworks shall be kept out of reach of the public when an attendant is not on duty.

F-3308.11.7 Approved locations of stands or tents (Page 318) Add new sub-section:

No stand, or the sale of any fireworks, shall be permitted within any residence or within any commercial building of any kind, or closer than fifty (50) feet of any structure. Fireworks shall not be stored, kept, or sold within fifty (50) feet of any gasoline pump, gasoline filling station, gasoline bulk station, or any building in which gasoline or volatile liquids are sold in quantities in excess of one gallon.

F-3308.11.8 Sleeping within stand (Page 318) Add new sub-section:

Sleeping within a fireworks stand, tent, warehouse, storage, or place of sale of fireworks is prohibited.

F-3308.11.9 Fire safety requirements (Page 318) Add new sub-section:

The operator of any stand shall closely cut and remove all weeds, grass and similar vegetation and all dry or flammable residues from such cutting. The area inside the stand and within twenty five (25) feet of the sight shall be free of all trash, empty cartons, paper or other debris or flammable material.

F-3308.11.10 Trash containers (Page 318) Add new sub-section:

The operator shall also provide in the premises immediately adjacent to such stand, not less than two (2) trash receptacles, of a kind and size approved by the Fire Marshal. The operator shall, not less than hourly, remove all trash, paper and flammable debris of any kind from the stand and area which extends and one hundred (100) feet from the outside edge of the stand.

F-3308.11.11 **Heating units** (Page 318) Add new sub-section:

No heating unit of any kind, or any other device, which emit flames or heat, shall be kept or used within the stand.

F-3308.11.12 **Electrical wiring** (Page 318) Add new sub-section:

Standard electrical lighting which conforms to the electrical system requirements of the 2008 National Electric Code and as follows:

1. The electrical system and equipment shall be isolated from the public by proper elevation or guarding, and all electrical fuses and switches shall be enclosed in approved enclosures.
2. Electrical cables, including extension cords on the ground in areas traversed by the public, shall be placed in trenches or protected by approved covers.
3. All extension cords shall be a minimum fourteen (14) gauge and multi-outlet power strips shall be UL approved and of the grounding type.
4. All multi-outlet power strips shall be UL approved and of the type with a circuit breaker for overload protection.
5. All electrical wiring, equipment, and devices shall be UL approved, installed and maintained to prevent electrical hazards.
6. All electrical lighting shall be UL approved, mounted, and installed in a safe manner.
7. Branch circuits for receptacles, lighting and other uses shall be protected by ground fault circuit interrupters if susceptible to water exposure.
8. The power distribution panel shall be properly grounded with a minimum #6 solid copper wire connected to a copper clad ground rod. The ground wire must be connected to the ground rod using a UL approved ground rod clamp with the clamp being visible

F-3308.11.13 **No Smoking provision** (Page 318) Add new sub-section:

Smoking shall not be permitted inside or within twenty-five (25) feet of the seasonal retail sales area. One or more signs reading “**Fireworks, No Smoking**” shall be displayed at each entrance of seasonal retail sales locations in letters not less than four (4”) in height on a contrasting back-ground.

F-3308.11.14 Exit Signs and emergency lighting (Page 318) Add new sub-section:

1. Exit signs shall be required to be self luminous or internally or externally illuminated.
2. Exit signs shall not be required to be illuminated in tents or stands that are not open for business after dusk or in temporary seasonal retail sales stands where the interior is not accessible to the public.
3. Emergency lighting shall not be required in tents or stands that are not open for business after dusk or for temporary seasonal retail sales stands where the interior is not accessible to the public.
4. Emergency lighting shall be required in seasonal retail sales locations when the retail sales area is eight hundred (800) square feet or greater.

F-3308.11.15 **Storage area required to be locked** (Page 318) Add new sub-section:

When not in use with personnel or the operator therein, every such storage area shall be locked in a manner approved by the Fire Marshal. All conveyance or vehicles on the stand premises, which are used for storage or transportation of fireworks by the operator, shall be closed and locked except when loading or unloading.

F-3308.11.16 **Fire extinguishers** (Page 318) Add new sub-section:

1. Every seasonal retail sales location shall have not less than two (2) portable fire extinguishers with a minimum 2A rating, at least one (1) of which shall be a pressurized water type.
2. Temporary seasonal retail sales locations less than two hundred (200) square feet in area shall be required to have at least one (1) portable fire extinguisher with a minimum 2A rating.
3. The maximum travel distance to a fire extinguisher in any seasonal retail sales location shall be no greater than thirty-five feet (35').
4. All fire extinguishers shall be inspected annually by a fire extinguisher company and have documentation to this effect attached to them.
5. All fire extinguishers shall be located in an accessible location to the staff.

F-3308.11.17 **Discharge of fireworks** (Page 318) Add new sub-section:

1. Fireworks shall not be ignited, discharged, or otherwise used within one hundred feet (100') of any location where fireworks are stored, sold, or offered for sale.
2. At least one (1) sign that reads as follows, in letters at least four inches (4") high on a contrasting background shall be conspicuously posted at each entrance of seasonal retail sales locations:

**NO FIREWORKS DISCHARGED
WITHIN 100 FEET**

3. It shall be unlawful to explode or ignite fireworks within six hundred (600) feet of any church, hospital, mental health facility, or school or within one hundred feet (100) of any location where fireworks are stored, sold or offered for sale.

4. No person shall ignite or discharge fireworks within three hundred feet (300) of any permanent storage of ignitable liquid, gases, gasoline pump, and gas filling station.

F-3308.11.18 Separation distance: (Page 318) Add new sub-section:

1. No motor vehicle shall be parked within ten feet (10') of a seasonal retail sales location.

2. No trailer used for the storage of consumer fireworks shall be parked within ten feet (10') of a seasonal retail sales location.

Exceptions:

During the actual period of time when merchandise is being unloaded from the conveyance or vehicle and stored within the stand, or is being taken by the customer, which shall be done expeditiously.

3. Temporary seasonal retail sales stands and tent side walls shall not be located within twenty feet (20') of the following, unless authorized by the authority having jurisdiction:

- A. Another building,
- B. Another seasonal retail sales location on
- C. Cooking equipment of any type.

4. Seasonal retail sales locations shall not be located within fifty feet (50') of the following:

- A. Any gasoline pump, gasoline filling station, gasoline bulk station, or any building in which gasoline or volatile liquids are sold in quantities in excess of one (1) gallon,
- B. Compressed natural gas dispensing facilities,
- C. Retail propane dispensing station,
- D. Aboveground storage tanks for flammable or combustible liquid, flammable gas or flammable liquefied gas, or
- E. Any type of open flame cooking equipment.

5. Portable generators shall be located not less than twenty feet (20') from a seasonal retail sales location.

Appendix A Board of Appeals (Page 423) delete in its entirety:

C-101.2 Water main size: (Page 427) Add a new sub-section:

All fire hydrants are to be installed on four inch (4") or larger water mains. All new water mains shall not be less than six inch (6") or larger or as required by Public water systems.

C-102.1 Required locations: (Page 427) Add a new sub-section:

A fire hydrant must be placed within one hundred (100) feet of the entrance of a subdivision. All fire hydrants must be located on the side property line and located on the same side of the street or as permitted by the Fire Marshal.

C-102.2 Fire hydrant to fire department connections: (Page 427) Add a new sub-section:

There shall be a fire hydrant within one hundred fifty (150) feet of the Fire Department Connection.

C-106.0 Installation height (Page 427) Add a new Section:

C-106.1 Fire hydrant height (Page 427) Add a new sub-section:

Fire hydrants shall be installed a minimum of fourteen (14) inches and a maximum of thirty six (36) inches above finished grade, measured from the center of the steamer connection.

Section C-107.0 Color coding fire hydrants (Page 427) Add a new Section:

C-107.1 Scope (Page 427) Add a new sub-section:

All fire hydrants shall be painted to match the following requirements after installed by the contractor. The cap threads shall be field lubricated with approved food-grade grease as approved by the Fire Marshal and the public water District. The paint must be a good grade and applied with either a brush or sprayer.

C-107.2 Barrels (Page 427) Add a new sub-section:

All fire hydrant barrels are to be painted chrome yellow when installed within the fire District.

C-107.3 Color coding of fire hydrants (Page 427) Add a new sub-section:

All fire hydrant bonnets (top flange of the fire hydrant) are to be painted as follows:

Color	Water Main Size
Light Blue	Larger than twelve 12 inches
Green	Twelve (12) inches
Orange	Eight (8) and ten (10) inches
Red	Six (6) inches or smaller

C-107.4 Color Coding of private fire hydrants (Page 427) Add a new sub-section:

All private fire hydrants shall be marked by the caps being painted the same color as the bonnet as stated in C-110.3

D-107.1 **One- or two -family residential developments** (Page 431) Delete and add the following.

Developments of one- or two-family dwellings where the number of dwelling units exceeds 100 shall be provided with two separate and approved fire apparatus access roads.

Section 5 INTERNATIONAL RESIDENTIAL CODE: The following shall be added to, inserted, deleted, or changed in the **International Residential Code 2009 edition;**

R-101.1 **Title** (Page 1) Delete and add the following:

These provisions shall be known as the Residential Code for One-Two-Family Dwellings of **Antonia Fire Protections District**, and shall be cited as such and will be referred to herein as “**this code**”.

R-103.1 **Creation of enforcement agency** (Page 1) Delete in its entirety and refer to B-103.1.

R-103.2 **Appointment** (Page 1) Delete in its entirety and refer to B-103.2.

R-103.3 **Deputies** (Page 1) Delete in its entirety and refer to B-103.3.

R-104.10.1 **Areas prone to flooding** (Page 2) Delete in its entirety.

R-105.2 **Work exempt from permit** (Page 2) Delete and add the following:

#2 all fences

#3 all retaining walls

#8 all pools

#10 all decks

R-105.3.1.1 **Determination of substantially improved or substantially damage exiting building in flood hazard areas.** (Page 4) Delete in its entirety.

R106.1 Add Subsection **Submittal Documents** is amended by deleting and substitute the following sentence to read “Submittal Documents shall include a form signed by the purchaser of any single family dwelling or residence or multi-unit dwelling of four or fewer units stating that prior to entering into a purchase contract the purchaser was offered by the builder the option to have fire sprinklers installed in the structure at the purchaser’s expense. The construction documents should be prepared by a registered design professional.”

R106.1.1 Add Subsection **Information on Construction Documents** is amended by adding the wording to read “Construction documents shall be to scale and of sufficient clarity”

R-106.1.3 **Information for construction in areas prone to flooding** (Page 5) Delete in its entirety.

R-106.5 **Retention of construction documents** (Page 5) Delete in its entirety.

Section R-108 **Fees** (Page 6) Delete in its entirety and refer to B-109.2.2

R-109.1.1 **Foundation inspection** (Page 6) Delete in its entirety.

R-109.1.3 **Flood plain inspections** (Page 6) Delete in its entirety.

Section R-112 **Board of Appeals** (Page 7) Delete in its entirety and refer to B-113.

Chapter 3 Building Plans (Page 23) Delete the following:

Section R-301 **Design Criteria** (Page 23) Delete in its entirety including all tables and figures.

R302.2 **Townhouses.** (Page 49) Delete the exception and add the following:

A common 2-hour fire-resistance-rated wall is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. Electrical installation shall be installed in accordance with Chapter 33 through 42. Penetrations of electrical outlet boxes shall be in accordance with section R302.4.1

Table R302.6 **Dwelling/garage separation** (Page 51) Delete and add the following:

Delete ½ inch gypsum board and replace with 5/8 fire rated gypsum in all tables of R302.6

R302.7 **Under-stair protection** (Page 51) Delete and add the following:

Delete ½ inch gypsum board and replace with 5/8 fire rated gypsum.

R-303.1 **Habitable rooms** (Page 53) Delete in its entirety.

R-303.2 **Adjoining rooms** (Page 53) Delete in its entirety.

R-303.2 **Bathrooms** (Page 53) Delete in its entirety.

R-303.7 **Required glazed openings** (Page 54) Delete in its entirety.

R303.7.1 **Sunroom additions** (Page 54) Delete in its entirety.

R-303.8 **Required heating** (Page 54) Delete in its entirety.

Section R-304 **Minimum Room Areas** (Page 54) Delete in its entirety.

Section R-305 **Ceiling Height** (Page 54) Delete in its entirety.

Section R-306 **Sanitation** (Page 55) Delete in its entirety.

Section R-307 **Toilet, bath and shower spaces** (Page 55) Delete in its entirety.

Section R-308 **Glazing** (Page 55) Delete in its entirety.

R-309.3 **Flood hazard areas** (page58) Delete in its entirety.

R-311.2 **Egress doors** (Page 59) Delete and add the following:
Replace 32 inches with 36 inches and replace 78 inches with 80 inches.

R-311.3 **Floor and landings at exterior doors** (Page 59) Add the following exception:
Exception:
Where a stairway of four risers, which equals three (3) steps, is located on the exterior side of a door, other than the required exit door, a landing is not required for the exterior side of the door. These steps must set on a three (3) foot by three (3) foot pad. Other than the main egress door, a cattle guard is allowed to be securely fastened to the exterior to not allow passage for an elevated opening. The door shall not be screwed shut or a double deadbolt lock used. The lumber shall be treated type.

R-311.6.1 **Interior bedroom doors** (Page 60) Add a new sub-section.
All bedroom doors shall be a minimum of thirty (30) inches in width. When French doors (double doors, pocket doors etc.) are used at the entrance of the bedroom each door shall be a minimum of thirty (30) inches in width.

R-311.7.4.1 **Riser height** (Page 60) Delete and add the following:
Replace 7-3/4 inches with 8-1/4 inches.

R-311.7.4.2 **Tread depth** (Page 60) Delete and add the following:
Replace 10 inches with 9 inches.

R313.1 **Townhouse automatic fire sprinkler system** (Page 62) Delete in its entirety and see R313.2.

R313.2 **One- and two-family dwelling automatic fire system** (Page 62) Delete in its entirety and add the following:

Group R: State of Missouri Sprinkler Option for one and two family or townhouses:

The builder of one- or two-family dwellings or townhouses within the District shall offer to all purchasers, on or before the time of entering into the purchase contract, the option, at the purchaser's cost, to install or equip fire sprinklers in the dwelling or townhouse. No purchaser of such one- or two-family dwelling or townhouse shall be denied the right to choose or decline to install a fire sprinkler system in such dwelling or townhouse being purchased. The provisions of this section shall expire on December 31, 2019.

In the event that the District adopts the 2009 International Residential Code for One- Two Family Dwellings, or subsequent edition of such code without mandated automatic fire sprinklers in Section R313 of such code, it shall retain the language in section R317 of the 2006 International Residential Code for two-family dwelling (R317.1) and townhouses (R317.2)

R314.3.1 **Location** (Page 62) Add new sub-section:

1. Smoke detectors and ceiling fan boxes shall be spaced a minimum of sixty-three (63) inches from smoke detector box to ceiling fan box, if fan size is unknown.
2. A /C -D/C type smoke alarm shall be installed on each side of an attic fan. Then a carbon monoxide detector is required at the attic fan and it shall be installed on the side nearest to the appliance and shall be interconnected with the smoke alarms as approved by the Fire Marshal.

R-315.4 **Add Subsection:** Carbon monoxide detectors power source. Shall receive their power from 120v/ac and interconnected with the smoke alarms with battery backup.

R-316.7 **Termite damage** (Page 65) Delete in its entirety.

Section R-317 **Protection of wood and wood based products against decay** (Page 65)
Delete in its entirety.

Section R-318 **Protection against subterranean termites** (Page 66) Delete in its entirety.

Section R-322 **Flood-resistant construction** (Page 67) Delete in its entirety.

Chapter 4 **Foundations** (Page 71) Delete in its entirety.

Chapter 5 **Floors** (Page 111) Delete in its entirety.

Chapter 6 **Wall construction** (Page 145) Delete in its entirety.

Chapter 7 **Wall covering** (Page 357) Delete in its entirety.

Chapter 8 **Roof-ceiling construction** (Page 373) Delete in its entirety except the following:

Section R-807.1 **Attic access** (Page 431)

Chapter 9 **Roof assemblies** (Page 433) Delete all except the following:

Section R-902 **Roof classification** (Page 433)

R907.4 **Roof recovering** (Page 443) Delete and add the following:

When an existing roof is being covered with materials forming an attic or new attic, the old roof covering materials and plywood or steel decking must be removed as approved by the Fire Marshal.

Chapter 10 **Chimneys and fireplaces** (Page 445) Delete the following:

R-1001.3 **Seismic reinforcing** (Page 445) Delete in its entirety.

R-1001.3.1 **Vertical reinforcing** (Page 445) Delete in its entirety.

R-1001.3.2 **Horizontal reinforcing** (Page 445) Delete in its entirety.

R-1001.4 **Seismic anchorage** (Page 445) Delete in its entirety.

R-1002.3 **Footing and foundation** (Page 448) Delete in its entirety.

R-1002.4 **Seismic reinforcing** (Page 449) Delete in its entirety.

R-1003.2 **Footing and foundations** (Page 449) Delete in its entirety.

R1003.3 **Seismic reinforcing** (Page 449) Delete in its entirety.

R-1003.3 .1 **Vertical reinforcing** (Page 449) Delete in its entirety.

R-1003.3.2 **Horizontal reinforcing** (Page 449) Delete in its entirety.

R-1003.4 **Seismic anchorage** (Page 449) Delete in its entirety.

R-1003.4.1 **Anchorage** (Page 450) Delete in its entirety.

R-1003.5 **Corbeling** (Page 450) Delete in its entirety.

R-1003.20 **Chimney crickets** (Page 453) Delete in its entirety.

R-1004.1 **General** (Page 454) Add the following sub-sections:

1. All factory-built fireplaces shall be set on approved non-combustible material which shall extend from the back of the unit to the outer edge of the hearth before any finished materials are installed. Materials acceptable are masonry or 5/8 type X drywall with sheet metal, or equivalent, as approved by the Fire Marshal;
2. All factory-built fireplaces chases shall be protected on the inside of the chase walls and ceilings with one layer of 5/8 inch type X drywall or equivalent, all as approved by the Fire Marshal. Drywall shall extend to the ceiling level except when chase extends more than one (1) story or floor; then, drywall shall be installed in addition to the above to the chase wall next to the building unit until the chase extends past the attic area;
3. All chimney chases shall be fire stopped at each floor/ceiling line and all of the chimney chase shall be closed off to the attic areas or concealed spaces;
4. The aforementioned shall be inspected at the time of the required framing inspection on new construction or installations and before applying any facing material to the fireplace area. All backing material are to be approved and inspected by the Fire Marshal before facing or finish material, such as brick, stone, etc., is applied, so as to prevent combustible materials from being installed where they will be exposed to high heat;

5. The manufacturer's installation instruction booklet shall be with the fireplace until the final inspection is approved by the Fire Marshal.

R-1004.2 **Hearth extensions** (Page 454) add the following:

The factory-built fireplace shall set on 5/8 inch type X drywall and sheet metal or equivalent, as approved by the Fire Marshal. The hearth extension shall be readily distinguishable from the surrounding floor area.

R-1004.4.1 **Gas piping in fireplace** (Page 454) Add new sub-section:

When gas piping is installed in the firebox, the gas logs must also be installed at the same time and operational. If the piping is removed from the firebox, the hole must be repaired or the side of the firebox must be replaced according to the manufacturer's instructions.

Chapter 11 **Energy efficiency** (Page 455) Delete in its entirety.

Chapter 14 **Heating and cooling equipment** (Page 463) Delete the following:

RM-1401.3 **Sizing** (Page 483) Delete in its entirety.

RM-1401.5 **Flood hazard** (Page 483) Delete in its entirety.

Section RM-1403 **Heat pump equipment** (Page 483) Delete in its entirety.

Section RM-1404 **Refrigeration cooling equipment** (Page 483) Delete in its entirety.

Section RM-1411 **Heating and cooling equipment** (Page 485) Delete in its entirety.

Section RM-1412 **Absorption cooling equipment** (Page 486) Delete in its entirety.

Section RM-1413 **Evaporative cooling equipment** (Page 486) Delete in its entirety.

Chapter 15 **Exhaust systems** (Page 487) Delete the following:

Section -1507 **Mechanical ventilation** (Page 488) Delete in its entirety.

Chapter -16 **Duct systems** (Page 491) Delete in its entirety.

Chapter -20 **Boilers/water heaters** (Page 503) Delete in its entirety.

Chapter -21 **Hydronic Piping** (Page 505) Delete in its entirety.

Chapter -23 **Solar systems** (Page 511) Delete in its entirety.

Chapter 24 **Fuel gas** (Page 513) Delete the following:

RG-2404.4 (301.8) **Vibration isolation** (Page 519) Delete in its entirety.

RG-2404.6 (301.10) **Wind resistance** (Page 519) Delete in its entirety.

RG-2404.7 (301.11) **Flood hazard** (Page 519) Delete in its entirety.

RG-2404.8 (301.12) **Seismic resistance** (Page 519) Delete in its entirety.

RG-2409.9 (301.14) **Rodent proofing** (Page 519) Delete in its entirety.

RG-2409.10 (301.14) **Auxiliary drain pan** (Page 519) Delete in its entirety.

Section RG-2405 (302) **Structural safety** (Page 519) Delete in its entirety.

RG-2407.11 (304.11) **Combustion air ducts** (Page 523) Delete in its entirety.

Section RG-2440 (615) **Sauna heaters** (Page 583) Delete in its entirety.

Section RG-2441 (617.1) **Pool and spa heaters** (Page 584) Delete in its entirety.

Section RG-2450 (628) **Illuminating appliances** (Page 586) Delete in its entirety

Section RG-2452 (631.1) **Boilers** (Page 587) Delete in its entirety

Chapter 25 **Plumbing administration** (Page 589) Delete in its entirety.

Chapter 26 **General plumbing requirements** (Page 591) Delete in its entirety.

Chapter 27 **Plumbing fixtures** (Page 595) Delete in its entirety.

Chapter 28 **Water heaters** (Page 601) Delete in its entirety except the following:

RP-2803.6.1 **Requirements of discharge pipe** (Page 602)

Chapter 29 **Water supply and distribution** (Page 603) Delete in its entirety, except for the following:

RP-2902.5.4 **Connections to automatic fire systems** (Page 605)

RP-2902.5.4.1 **Additives or non-potable source** (Page 605)

RP-2902.6 **Location of backflow preventers** (Page 605)

RP-2902.6.1 **Outdoor enclosures for backflow prevention devices** (Page 605)

RP-2902.6.2 **Protection of backflow preventers** (Page 605)

RP-2902.6.3 **Relief port piping** (Page 605)

Section RP2904 **Dwelling Unit Fire Sprinkler System** (Page 609)

Section RP2904 **Dwelling unit fire sprinkler system** (Page 609)

Chapter 30 **Sanitary drainage** (Page 625) Delete in its entirety.

Chapter 31 **Vents** (Page 635) Delete in its entirety.

Chapter 32 **Traps** (Page 641) Delete in its entirety.

Chapter 33 **Strom drainage** (Page 643) Delete in its entirety.

Chapter 42 **Swimming pools** (Page 713) Delete in its entirety.

Chapter 42 **Mobile homes** (Page 713) Add the following:

R-4201.1 Mobile and manufactured used as dwelling units: (Page 495) Add a new sub-section: New and existing mobile homes, trailers, trailer courts, modular units, mobile home camps and courts shall be installed meeting the following requirements:

R-4202.1 Definitions: (Page 495) Add a new sub-section:

Modular unit:

A factory-fabricated, transportable building unit designed to be used by itself, or to be incorporated with similar units at a building site, into a modular structure to be used for residential, commercial, educational, or industrial purposes.

Permanent foundation:

As related to mobile homes and modular units, structure shall mean a poured concrete footing bonded together with mortar.

Location:

A location shall be considered to be a trailer camp, court or mobile unit or modular home location if two or more concrete pads or gravel beds or other emplacements intended for occupancy by mobile units, or other structures, mentioned, are located therein or thereon.

R-4202.2 New trailer spacing requirements: (Page 495) Add a new sub-section:

Every trailer, mobile home or similar unit shall be installed so there is a clear space of not less than fifteen (15) feet between it and any other such trailer, mobile home, deck, patio/ auto covers or similar building or structure, except decks less than 4 feet by 4 feet. Storage sheds not exceeding 200 square feet in dimension are allowed within fifteen (15) feet of the owners mobile home, but 15 feet must be maintained from other mobile homes sheds over 200 square feet must maintain 15 feet from all homes.

R-4202.2.1 Existing trailer spacing requirements: (Page 495) Add a new sub-section:

Every trailer, mobile home, or similar unit, deck, patio/auto cover, or similar building or

structure shall be installed so there is a clear space of not less than what was allowed when the home was originally installed. Any new covers, sheds or patios installed after the home is set must meet the requirements of R-4202.2.

R-4202.3 Electrical connections: (Page 495) Add a new sub-section:

All electrical connections shall be installed as per the **National Electric Code, 2008 Edition**, as published by the **National Fire Protection Association**.

R-4202.4 Skirting: (Page 495) Add a new sub-section:

In order to properly inspect the trailer, mobile home, or similar unit, no skirting shall be installed until the rough inspection has been made and approved. The skirting shall be installed at the time of the final inspection.

R-4202.5 Trailer and mobile home camps and courts: (Page 495) Add a new sub-section:

1. No owner or operator of any trailer court, mobile home development or other location wherein or whereon are placed or located trailers or mobile homes or similar structures shall permit any changed, or new or replacement trailer or mobile home or similar structure to be placed or located upon any pad or any space within such trailer court or mobile development unless such owner or operator shall first, in writing and in such form as may be approved by the Fire Marshal, notify the Fire Marshal of the exact place for the location of such new or changed unit, either by delivering such written notice to the Fire Marshal personally or by causing the same to be delivered to the Fire Marshal by the United States Mail.
2. No owner or occupant of any trailer or mobile home or structure which is brought or placed or is located within the District shall be deemed to have an Certificate of Occupancy or Use Permit under the Residential Code for such trailer or mobile home or similar structure when the same is located elsewhere within the District than in a trailer park or camp or mobile home development or similar location; nor for any new or changed unit mentioned in paragraph "1" above until an inspection has been made, and approved (as to the unit, its location, and installation) according to the Residential Code, by the Fire Marshal, within the meaning of the ordinance. A location shall be considered to be a trailer, mobile home or other development if there are two (2) or more concrete pads or gravel beds or other emplacements intended for occupancy by trailer, mobile home or other similar structures.
3. The owner or operator of any trailer court, mobile home development or other location wherein or whereon are placed or located trailers or mobile homes or similar structures shall notify each owner or occupant, in writing, of their responsibility to obtain the necessary permit and inspections as required by the Residential Code.

R-4202.6 Requirements for occupancy of new and existing mobile homes, trailers or similar units or structures: (Page 495) Add a new sub-section:

1. Permit

The required permit must have been obtained from the Fire Marshal and the permit fee paid as required by the adopting ordinance.

2. Electrical

The mobile home, trailer or similar unit or structure must have the electrical service and other electrical system installed according to the **National Electrical Code, 2008 Edition**. Wiring in existing mobile homes, if found to meet the minimum code requirement, can be approved.

3. Smoke detector

The mobile home, trailer, or similar unit or structure must have operating smoke detectors installed in each bedroom and in hallway outside of each bedroom. Single station smoke alarms shall be battery operated or shall receive their primary power from the building wiring provided that such wiring is served from a commercial source. When power is provided by the building wiring, the wiring shall be permanent and without a disconnecting switch other than those required for over current protection. If an AC smoke alarm is replaced it must be replaced with an AC-DC smoke alarm. An AC-DC smoke alarm may only be replaced with another AC-DC smoke alarm.

4. Carbon monoxide detectors

A carbon monoxide detector shall be located outside each sleeping area on the ceiling or wall and within ten (10) feet of each bedroom door. When the smoke detectors are interconnected a combination smoke alarm and carbon monoxide detector could be installed in place of the smoke detector in the hallway.

Exceptions:

1. A home without any fuel fired appliances or attached garage.

5. Ground fault interrupter

Ground fault interrupter (GFI) receptacles, if required, must to be in good working order in all bathrooms, kitchens, unfinished basements, garages, and all outside receptacles.

6. Address

The address must be on the street side of the trailer, mobile or modular home, or other home and visible numbers must be a minimum of four (4) inches in height. The numbers shall contrast with their background.

7. Egress

Steps must be approved for all exits, permanently anchored. Handrails are required with two (2) or more steps. Risers shall be no higher than eight (8)

inches. Steps must be maintained in good condition. All steps that have three (3) or more risers must have a landing with a dimension of thirty (30) inches by thirty (30) inches. The top of the landing shall not be more than eight (8) inches below the sill plate of the door. On existing porches and steps, if the inspector deems them to be safe as is, then they can be approved.

R-4202.7 Notice of occupancy (Page 495) Add a new sub-section:

No person shall be deemed to have any occupancy or use permit under the Residential Code for any such new or changed unit mentioned until (if the service connection is made by the owner or operator mentioned) notice is given to the Fire Marshal as approved hereinbefore, or until (if service connection is made by any utility supplier or other person than the owner or operator) such utility supplier or other person has given the Fire Marshal a notice in the same manner as approved.

R-4202.8 New homes within district (Page 495) Add a new sub-section:

No owner or occupant of any trailer or mobile unit, as aforesaid, which is brought or placed or is located within the District shall be deemed to have an occupancy or use permit under the Residential Code for such trailer or mobile home or other structure, aforesaid, when the mobile unit located elsewhere within the District than in a trailer camp, mobile home development, or similar location, unless it has been inspected by the Fire Marshal.

R-4202.9 Inspections (Page 495) Add a new sub-section:

Inspection contemplated by this Ordinance includes mobile units and/or modular homes, as well as the pads upon which these items rest; and inspection of a pad is a separate and individual inspection different from, and in addition to, the inspection of such mobile unit and/or modular home.

Chapter 43 **Class 2 Remote-control, signaling and power-limited circuits** (Page 725) Delete in its entirety.

Appendix **A Sizing and capacities of gas piping** (Page 749) Delete in its entirety.

Appendix **E Manufactured housing used as dwellings** (Page 775) Delete in its entirety.

Appendix **F Radon control methods** (Page 783) Delete in its entirety.

Appendix **G Swimming pools, spas and hot tubs** (Page 791) Delete in its entirety.

Appendix **H Patio covers** (Page 795) Delete in its entirety.

Appendix **I Private sewage disposal** (Page 797) Delete in its entirety.

Appendix **J Existing buildings and structures** (Page 799) Delete in its entirety.

Appendix **K Sound transmission** (Page 803) Delete in its entirety.

Appendix **L Permit fees** (Page 805) Delete in its entirety.

Appendix **M Home day care-R-3 occupancy** (Page 807) Delete the following:

AM-103.1.3 **Yards** (Page 807) Delete in its entirety.

AM-103.1.3.1 **Types of fence and hardware** (Page 807) Delete in its entirety.

AM-103.1.3.2 **Construction of fence** (Page 807) Delete in its entirety.

AM-104.3.1 **Carbon monoxide detectors** (Page 808) Add new sub section:

A carbon monoxide detector shall be located outside each sleeping area on the ceiling or wall and within ten (10) feet of each bedroom door. When the smoke detectors are interconnected, a combination smoke alarm and carbon monoxide detector could be installed in place of the smoke detector in the hallway.

Exceptions:

1. A home without any fuel fired appliances or attached garage.

AM-105 **Fire extinguishers** (Page 808) add in section

A minimum of one 2A10BC fire extinguisher shall be installed and inspected as required by NFPA 10.

Appendix **N Venting methods** (Page 809) Delete in its entirety.

Appendix **O Gray water recycling system** (Page 817) Delete in its entirety.

Appendix **P Sizing of water piping system** (Page 823) Delete in its entirety.

Section 6 **The International Fuel Gas Code:** The following shall be added to, inserted, deleted, or changed in **The International Fuel Gas Code, 2009**, First Edition, as follows:

FG-101.1 **Title** (Page 1) Delete and add the following:

These regulations shall be known as the Fuel Gas Code of Antonia Fire Protection District, hereinafter referred to as “this code.”

Section 103 **Department of inspection** (Page 2) Delete in its entirety, except for the following:

103.2 **Appointment** (Page 2) Delete and see B-103.2

103.3 **Deputies** (Page 2) Delete and see B-103.3

Section 104 **Duties and powers of the code official** (Page 3) Delete in its entirety and refer to B-section 104.

Section 106 **Permits** (Page 4) Delete in its entirety and refer to B-109.2.1.

Section 108 **Violations** (Page 6) Delete in its entirety and refer to B-section 114.

Section 109 **Means of appeal** (Page 7) Delete in its entirety and refer to B-113.

FG-301.2 **Energy utilization** (Page 17) Delete in its entirety.

FG-301.6 **Plumbing connections** (Page 17) Delete in its entirety.

FG-301.10 **Wind resistance** (Page 17) Delete in its entirety.

FG-301.11 **Flood hazard** (Page 17) Delete in its entirety.

FG-301.14 **Rodent proofing** (Page 17) Delete in its entirety.

Section 302 **Structural Safety** (Page 18) Delete in its entirety, except for the following:

FG 302.2 **Penetrations of floor/ceiling assemblies and fire-resistance-rated assemblies** (Page 18)

Section 307 **Condensate Disposal** (Page 24) Delete in its entirety:

624.1.1 **Installation requirements** (Page 124) Delete and add the following:

The requirements for water heaters relative to relief valves and scald protection shall be in accordance with the manufacturer's instructions.

624.2 **Water heaters utilized for space heating.** (Page 124) Delete and add the International Plumbing Code.

Section 625 **Refrigerators** (Page 124) Delete in its entirety.

Section 631 **Boilers** (Page 126) Delete in its entirety.

Section 632 **Equipment installed in existing unlisted boilers** (Page 126) Delete in its entirety.

Section 634 **Chimney damper opening area** (Page 135) Delete in its entirety.

Appendix D **Recommended procedure for safety inspection of an existing appliance installation** (Page 161) Delete in its entirety.

SECTION 7 INTERNATIONAL MECHANICAL CODE: The following shall be added to, inserted, deleted or changed in the **International Mechanical Code, 2009, First Edition** as follows:

M-101.1 **Title** (Page 1) Delete and add the following:

These regulations shall be known as the Mechanical Code of Antonia Fire Protection District, hereinafter referred to as "this code."

Section 103 **Department of mechanical inspection** (Page 2) Delete in its entirety.

Section 104 **Duties and powers of the code official** (Page 2) Delete in its entirety and refer to B-104.

Section 106 **Permits** (Page 3) Delete in its entirety and refer to B-109.2.1.

Section 108 **Violations** (Page 6) Delete in its entirety and refer to B-section 114.

Section 109 **Means of appeal** (Page 7) Delete in its entirety and refer to B-113.

M-301.2 **Energy utilization** (Page 19) Delete in its entirety.

M-301.8 **Plumbing connections** (Page 19) Delete in its entirety.

M-301.13 **Flood hazard** (Page 20) Delete in its entirety.

M-301.14 **Rodent proofing** (Page 20) Delete in its entirety.

Section 302 **Protection of a structure** (Page 20) Delete in its entirety, except for the following:

M-302.2 **Penetrations of floor/ceiling assemblies and fire-resistance-rated assemblies**
(Page 20)

Section 307 **Condensate disposal** (Page 24) Delete in its entirety.

Section 309 **Temperature Control** (Page 27) Delete in its entirety.

Section 312 **Heating and cooling load calculations** (Page 27) Delete in its entirety.

Chapter 4 **Ventilation** (Page 29) Delete in its entirety.

Section 512 **Sub-slab soil exhaust systems** (Page 55) Delete in its entirety.

Section 514 **Energy recovery ventilation systems** (Page 59) Delete in its entirety.

M-602.4 **Flood hazard** (Page 62) Delete in its entirety.

M-603.13 **Flood hazard areas** (Page 64) Delete in its entirety.

M-604.1 **General** (Page 64) Delete and add the following:

Duct insulation shall conform to the requirements of sections 604.2 through 604.13.

M-606.4.1 **Supervision** (Page 66)

Chapter 10 **Boilers, water heaters and pressure vessels** (Page 85) Delete in its entirety.

Chapter 11 **Refrigeration** (Page 89) Delete in its entirety.

Chapter 12 **Hydronic piping** (Page 101) Delete in its entirety.

1305.2.1 **Flood hazard** (Page 108) Delete in its entirety.

Chapter 14 **Solar systems** (Page 111) Delete in its entirety.

Appendix B **Recommended permit fee schedule** (Page 125) Delete in its entirety.

SECTION 8 The International Existing Building Code: The following shall be added to, inserted, deleted, or changed in the **International Building Code, 2009**, first edition, as follows.

EB-101.1 **Title** (Page 1) Delete and add the following:
These regulations shall be known as the Existing Building Code of **Antonia Fire Protection District**, hereafter referred to as “this Code”.

EB-101.5.4 **Evaluation and Design Procedures** (Page 1) Delete in its entirety

EB-101.5.4.1 **Compliance with IBC level seismic forces** (Page 1) Delete in its entirety

EB-101.5.4.2 **Compliance with reduced IBC level seismic forces** (Page 2) Delete in its entirety

Section 103 **Department of building safety** (Page 2) Delete in its entirety and refer to B-Section 103.

EB-104.10.1 **Flood hazard area** (Page 4) Delete in its entirety.

Section 105 **Permits** (Page 4) Delete in its entirety and refer to B-Section 105.

Section 108 **Fees** (Page 7) Delete in its entirety and refer to B-Section 108.

Section 109 **Inspections** (Page 8) Delete in its entirety and refer to B-Section 109.

Section 110 **Certificate of Occupancy** (Page 8) Delete in its entirety and refer to B-110.

Section 112 **Board of Appeals** (Page 9) Delete in its entirety and refer to B-112.

Section 113 **Violations** (Page 9) Delete in its entirety and refer to B-113.

Section 114 **Stop Work Order** (Page 10) Delete in its entirety and refer to B-114.

Section 115 **Unsafe Buildings and Equipment** (Page 10) Delete in its entirety and refer to B-115.

Section 117 **Demolition** (Page 11) Delete in its entirety

Section 302 **Additions** (Page 15) Delete all but the following:

EB-302.1 **General** (Page 15)

Section 303 Alterations (Page 16) Delete all but the following:

EB-303.1 **General** (Page 16)

EB-303.6 **Means of egress capacity factors** (Page 17)

EB-307.4 **Structural** (Page 18) Delete in its entirety.

EB-307.5 **Energy** (Page 19) Delete in its entirety.

EB-307.9 **Plumbing** (Page 19) Delete in its entirety.

EB-308.2 **Flood hazard areas** (Page 19) Delete in its entirety.

Section 310 **Accessibility for existing buildings** (Page 19) Delete in its entirety.

EB-501.3 **Flood hazard areas.** (Page 25) Delete in its entirety.

EB-502.3 **Glazing in hazardous locations** (Page 25) Delete in its entirety.

Section 506 **Structural** (Page 25) Delete in its entirety.

Section 509 **Plumbing** (Page 26) Delete in its entirety.

EB-301.3 **Flood hazard areas** (Page 27) Delete in its entirety.

Section 605 **Accessibility** (Page 27) Delete in its entirety.

Section 606 **Structural** (Page 28) Delete in its entirety.

Section 607 **Energy conservation** (Page 29) Delete in its entirety.

Section 706 **Accessibility** (Page 38) Delete in its entirety.

Section 707 **Structural** (Page 39) Delete in its entirety.

Section 710 **Plumbing** (Page 40) Delete in its entirety.

Section 711 **Energy conservation** (Page 40) Delete in its entirety.

Section 806 **Accessibility** (Page 42) Delete in its entirety.

Section 807 **Structural** (Page 42) Delete in its entirety.

Section 808 **Energy conservation** (Page 42) Delete in its entirety.

Section 906 **Accessibility** (Page 45) Delete in its entirety.

Section 907 **Structural** (Page 45) Delete in its entirety.

Section 910 **Plumbing** (Page 47) Delete in its entirety.

EB- 906 **Accessibility** (Page 50) Delete in its entirety.

Section 1003 **Structural** (Page 51) Delete in its entirety.

Section 1005 **Accessibility** (Page 52) Delete in its entirety.

EB-1101.4 **Flood hazard areas** (Page 53) Delete in its entirety.

Section 1104 **Alterations** (Page 54) Delete in its entirety.

Section 1106 **Accessibility** (Page 55) Delete in its entirety.

EB-1205 **Requirements** (Page 57) Delete in its entirety.

EB-1301.2 **Applicability** (Page 59) Delete and add the following:
Structures existing prior to **Add Date Here**, in which there is work involving additions, alterations, or changes of occupancy shall be made to conform to the requirements of this chapter or the provisions of chapter 4 through 12. The provisions of Sections 1301.2.1 through 1301.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, and S. These provisions shall not apply to buildings with occupancies in Group H or Group I.

EB-1302.5 **Accessibility requirements** (Page59) Delete in its entirety.

EB-1301.3.3 **Compliance with flood hazard provisions** (Page 59) Delete in its entirety.

EB-1401.5 Facilities required (Page 71) Delete in its entirety.

Section 1408 **Accessibility** (Page 73) Delete in its entirety.

Appendix A **Referenced standards** (Page 123)

Section 9 **INTERNATIONAL URBAN-WILDLAND INTERFACE CODE:** The following shall be added to, inserted, deleted, or changed in the **International Urban-Wildland Interface Code, 2009 First Edition**, as follows:

UB-101.1 **Title** (Page 1) Delete and add the following:
These regulations shall be known as the Fire Code of **Antonia Fire Protection District**, hereinafter referred to as “this Code”.

Section 104 **Appeals** (Page 2) Delete in its entirety and refer to section B-112.

Section 105 **Permits** (Page 2) Delete in its entirety and refer to section B-105.

Section 108 **Certificate of Completion** (Page 5) Delete in its entirety and refer to section B-110.3.

Chapter 3 **Urban-Wildland Interface Areas** (Page 9) Delete in its entirety.

UW 401.3 **General safety precautions.** (Page 11) Delete in its entirety and add the following:

UW 401.3 **Land Agreements** (Page 11) Add a new sub-section:
When the urban-wildland interface code is use in no water areas, each person will need to sign a land agreement before a permit will be issue.

The Land Agreement is a covenant to install a fire hydrant when installation would be reasonable and practicable.

UW 404.3.1 **Dry Hydrant Piping and Connection** Add new subsection:
All dry hydrants shall be of schedule 40 PVC pipe, six inches (6”) in diameter. All fire department connections shall have four and half inches (4.5”) National Standard Thread (NST), male thread.

UW 404.5.1 **Storage Tanks** (Page 13) Add a new sub-section:
All storage tanks designed for water supply shall be designed and equipped with an independent power source and independent water well to re-supply the storage tank within seventy two (72) hours with the minimum required amount of usable water supply for fire suppression as set forth in section 404.5. All storage tanks shall be designed and equipped with a water level indicator that will activate a visual and audible alarm, located near the storage tank area, which will indicate that the water level of the tank is below twenty five percent (25%) of its capacity. The tank shall have a minimum lid opening of twenty two inches (22) by thirty inches (30) with a three inch (3”) schedule 40 steel pipe with a ninety (90) degree elbow with a two and one half inch (2.5”) NST female on the end with a cap. This will be located in the middle of the lid. It will need to be sealed with the Jefferson county rapid entry Knox lock system.

UW 404.5.2 **Location.**
All proposed dry hydrant and water supply area locations shall be submitted to the Antonia Fire Protection District for review and approval. All locations shall be presented on a plot plan showing the proposed location of the dry hydrant(s), water supply area(s), and topographical elevation levels. The first (1st) dry hydrant and water supply shall be located within the first one thousand (1,000) feet from the main entrance of the proposed

development. All dry hydrant and water supply areas shall be constructed or installed on common ground areas or private parcels, or lots, as long as the proper easement for access, operation, and maintenance are recorded as a matter of public record.

UW 404.5.3 **Design and Installation.** (Page 13) Add new subsection:
When necessary, NFPA 1142 (2002 edition) Appendix B, may be referenced to assist with design and installation requirements of dry hydrants and water supply areas.

Chapter 5 **Special Building Construction Regulations** (Page 15) Delete in its entirety, except for the following

Section 501 **General**

Chapter 6 **Fire Protection Requirements** (Page 19) Delete in its entirety.

Appendix A **General Requirements** (Page 23) Delete in its entirety.

Appendix B **Vegetation Management Plan** (Page 27) Delete in its entirety.

Appendix C **Fire Hazard Severity Form** (Page 29) Delete in its entirety.

Appendix D **Fire Danger Rating System** (Page31) Delete in its entirety.

Appendix E **Findings of Fact** (Page 35) Delete in its entirety.

Appendix F **Characteristics of Fire-Resistive Vegetation** (Page 39) Delete in its entirety.

Appendix G **Self-Defense Mechanism** (Page 41) Delete in its entirety.

Appendix H **International Urban-Wildland Interface Code Flowchart** (Page 43) Delete in its entirety.

SECTION 10 NATIONAL ELECTRICAL CODE (NFPA 70): The following shall be added to, inserted, deleted, or changed in the **National Electrical Code, 2008** Edition (NFPA 70) as follows:

Article 80 **Administration and Enforcement** (Page23) Delete in its entirety:

NEC-90.4.1 **Electrical Systems to be Energized** (Page 31) Add a new sub-section:
At the time of final inspection or temporary occupancy, the service equipment and panel box must be energized by either temporary electric or the permanent system or by using portable power source or as approved by the Fire Marshal.

Subsection 210.8 (A) **Dwelling Units** (Page70-47): Insert the following exceptions:
Exception to (2) and (5): Receptacles that are not readily accessible.

Exception to (2) and (5): A single receptacle or duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A)(6), (A)(7), or (A)(8).

Subsection 210.12 (B) **Dwelling Units** (Page 70-49);

Modify to read “All 120-Volt, single phase, 15- and 20- ampere branch circuits supplying receptacles installed in dwelling unit bedrooms shall be protected by listed arc-fault circuit interrupter, combination-type installed to provide protection of the branch circuit.

Subsection 300.4 (A) **Cables and Raceways Through Wood Members:** (Page 70-127)

(1) Bored holes is amended by adding the following to read “All wiring must conform to one (1) cable or raceway per hole when drilled through metal or wood structure.”

NEC 334.15 (D) **Protection of Non-Metallic Sheathed Cable** (Page 70-186) Add a new sub-section: All non-metallic sheathed cable shall be protected when installed in or on walls, or in the stud space, below seven (7) feet in height. Such cable shall be protected with drywall or in conduit, or its equivalent.

Subsection 406.11 **Tamper-Resistant Receptacles in Dwelling Units:** (Page 70-261) Delete in its entirety.

Subsection 550.10 **Power Supply** (Page 70-467) deleting paragraphs (A) through (H).

SECTION 11 INTERNATIONAL PROPERTY MAINTENANCE CODE: The following shall be added to, inserted, deleted or changed in the **International Property Maintenance Code, 2009, First Edition** as follows:

PM-101.1 **Title.** (Page 1) Delete in its entirety and add the following:

These regulations shall be known as the property Maintenance Code of **Antonia Fire Protection District**, hereinafter referred to as “this Code”.

Section 103 **Department of Property Maintenance Inspection** (Page 1) Delete in its entirety.

PM-107.6 **Transfer of ownership:** (Page 3) Delete in its entirety and add the following: It shall be unlawful for the owner of any dwelling unit, single family dwelling, apartment, condominiums, mobile home, or some other type of structure to sell, transfer mortgage, rent, lease, or otherwise dispose of such dwelling unit or structure to another until an existing structures permit has been issued, inspections made, violations corrected and an existing structures occupancy permit has been issued, or furnished to the Fire Marshal a signed and notarized statement from the grantee, transferee, mortgage or lessee acknowledging the receipt of such notice of inspection or notice of violations and fully accepting the responsibility without condition for making the corrections or repairs required by such inspection notice or notice of violations, and agree that such violations will be corrected within the time limit as set forth by the Fire Marshal. After the structure transfers to the new owner, renter or occupant, the new occupant must apply for their occupancy permit.

Section 111 **Means of Appeal** (Page 5) Delete in its entirety. See Section B-113 **Appeals**

PM 102.3 **Application of other codes** (Page 1) Delete the last sentence.

PM-112.4 **Failure to comply** (Page7) Insert: ' not less than Five dollars (\$5.00) or more than five hundred dollars (\$500.00)'

PM-302.1 **Sanitation** (Page 11) Delete in its entirety

PM-302.1 **Exterior:**

All of the exterior property and premises shall be maintained in a fire safe condition.

PM-302.2 **Grading and drainage:** (Page 11) Delete in its entirety.

PM-302.3 **Sidewalks and driveways** (Page 11) Delete in its entirety.

PM-302.4 **Weeds** (Page 11) Delete in its entirety.

PM-302.5 **Rodent harborage** (Page 11) Delete in its entirety.

PM-302.8 **Motor vehicles** (Page 11) Delete in its entirety keep exception and add the following.

Painting of vehicles is prohibited unless conducted inside an approved spray booth.

PM-302.9 **Defacement of property** (Page 11) Delete in its entirety.

Section 303 **Swimming Pools and Hot Tubs** (Page 11) Delete in its entirety.

PM-304.1 **General** (Page 12) Delete in its entirety and add the following:

The exterior of a structure shall be maintained in good repair so as not to pose a threat of a fire hazard.

Section 304 **Exterior Structure** (Page12) Delete in its entirety.

PM-304.2 **Protective treatment** (Page 12) Delete in its entirety.

PM-304.4 **Structural Members** (Page 12) Delete in its entirety.

PM-304.5 **Foundation walls** (Page 12) Delete in its entirety.

PM-304.6 **Exterior walls** (Page 13) Delete in its entirety.

PM-304.7 **Roofs and drainage** (Page 13) Delete in its entirety.

PM-304.8 **Decorative features** (Page 13) Delete in its entirety.

PM-304.9 **Overhang extensions** (Page 13) Delete in its entirety and add the following:

All overhang extensions, including, but not limited to, canopies, marquees, signs, metal awnings, fire escapes, stand pipes and exhaust ducts shall be maintained in good repair.

PM-304.10 **Stairways, decks, porches and balconies** (Page 103) Delete in its entirety and add the following: Every stairway, deck, porch and balcony and all appurtenances attached thereto, shall be maintained in good repair.

PM-304.11 **Chimneys and towers** (Page 13) Delete in its entirety and add the following: Upon any change in occupancy, all masonry chimneys, fireplaces, woodstoves and all previously operated pre-fabricated chimneys and fireplace(s) are no longer required to be inspected by a certified chimney inspector. If the masonry chimneys, fireplaces, woodstoves and all previously operated pre-fabricated chimneys and fireplace(s) have not been inspected by a certified chimney sweep and copy of a passed inspection by the certified inspector has not been forwarded to the fire department, occupancy will be issued with a statement as follows:

The fireplace and/or woodstove in this residence has not been inspected by a certified chimney inspector and shall not be used until the unit has been inspected and approved for use.

PM-304.11.1 **Solid Fuel Burning Appliances** (Page 13) Add a new sub-section: All solid burning fuel appliances installed in one and two family dwellings shall be listed by a nationally recognized testing agency and shall be installed per the manufacturer's installation instructions.

PM-304.11.2 **Certified Chimney Sweep** (Page 13) Add a new sub-section: All chimney sweep inspectors must be individually certified as a chimney sweep. All chimney sweep inspectors must submit a copy of their individual certification to this office.

PM-304.13 **Windows, skylight and door frames** (Page 13) Delete and add the following: Every window, skylight, door and frame shall be kept in good repair.

PM-304.13.1 **Glazing** (Page 13) Delete in its entirety and add the following: All required emergency escape windows shall be maintained free from cracks or holes.

PM-304.13.2 **Open-able windows** (Page 13) Delete in its entirety and add the following: All bedrooms, sleeping area and emergency escape windows shall be easily opened and capable of being held in the open position with the window hardware only. Latches that are installed must be the spring-loaded type. If latches are installed, the egress opening cannot be decreased to form a hazard.

PM-304.14 **Insect screens** (Page 13) Delete in its entirety.

PM-304.15 **Doors** (Page 13) Delete in its entirety and add the following: Double cylinder dead bolts are not approved to be used on any exterior door or the garage separation door.

PM-304.16 **Basement hatchways** (Page 13) Delete in its entirety.

PM-304.17 **Guards for basement windows** (Page 13) Delete in its entirety.

PM-304.18 **Building Security** (Page 13) Delete in its entirety.

PM 305.1.1 **Unsafe conditions** (Page 13) Delete in its entirety.

PM-305.2 **Structural members** (Page 14) Delete in its entirety.

PM-305.3 **Interior surfaces** (Page 14) Delete in its entirety.

PM-305.4 **Stairs and walking surfaces** (Page 14) Delete in its entirety and refer to PM 304.10.

PM-305.6 **Interior doors** (Page 14) Delete in its entirety.

Section 306 Component Serviceability (Page 14) Delete in its entirety.

PM-308.2 **Disposal of rubbish** (Page 15) Delete and add the following:
Every occupant of a structure shall dispose of all rubbish in approved containers.

PM-308.2.1 **Rubbish storage facilities** (Page 15) Delete in its entirety.

PM-308.3 **Disposal of garbage** (Page 15) Delete in its entirety.

PM-308.3.1 **Garbage facilities** (Page 15) Delete in its entirety.

PM-308.3.2 **Containers** (Page 15) Delete in its entirety.

SECTION 309 Pest Elimination (Page 15) Delete in its entirety.

Chapter 4 **LIGHT, VENTILATION AND OCCUPANCY LIMITATIONS** (Page 17)
Delete in its entirety.

Chapter 5 **PLUMBING FACILITIES AND FIXTURE REQUIREMENTS** (Page 19)
Delete in its entirety.

PM-602.2 **Residential Occupancies** (Page 21) Delete in its entirety and add the following: Cooking appliances shall not be used to provide space heating.

PM-602.3 **Heat supply** (Page 21) Delete in its entirety

PM-602.4 **Occupied work spaces** (Page 21) Delete in its entirety.

PM-602.5 **Room temperature measurement** (Page 21) Delete in its entirety.

PM-603.1.1 **Mechanical Equipment.** (Page 21) Add a new sub-section
At the time of inspection, if hazardous levels are indicated using a four gas detection meter, all fuel-fired appliances will need to be inspected by a certified inspector to find the source of the hazard. A copy of a passed inspection by the certified inspector will be forwarded to the fire department.

PM-603.1.2 Heating equipment in residential garage: (Page 21) Add a new sub-section: All heating equipment shall be separated from the garage by approved separation walls when used for home heating. Heating equipment ignition source approved for use in the garage shall be maintained six (6) feet above the garage floor. Heat registers that are connected to the home heating system and opened into the garage must be permanently closed off.

Exception:

Appliances located in the private garage shall not apply to this requirement where the appliances are used for heating of the garage, protected from motor vehicle impact and installed in accordance with M-304.3.

PM-603.6 Energy conservation devices (Page 21) Delete in its entirety and add the following:

PM-604.2.1 Panel Box (Page 21) Add a new sub-section:

Double lugging is not allowed within the panel box. Only one (1) wire per breaker or fuse is allowed. All breakers shall be sized to match the size of wire per 2008 National Electrical Code or as noted on the appliance.

PM-605.2 Receptacles (Page 22) Delete in its entirety and add the following: Every bathroom shall contain at least one receptacle GFI protected.

PM-605.2.1 Ground fault receptacles (Page 22) Add a new sub-section:

All receptacles within six (6) feet of the kitchen sink, measured along the wall; bathroom receptacles, including receptacles in bathroom lights; wall receptacles in unfinished basements; outside receptacles; garage receptacles on the wall; and receptacles in the crawl space shall be protected by ground fault interrupter (GFI).

Commercial buildings shall have GFIs within six (6) feet of any water source. This includes receptacles on the roof, except where used exclusively for water coolers.

PM-605.4 Switches, receptacles and junction box's (Page 22) Add a new sub-section: All switches, receptacles and junction boxes shall have proper covers approved by the manufacturer. Wiring splices must be made in approved junction boxes. Open electrical splices are not approved.

PM-605.5 Extension Cords (Page 22) Add a new sub-section:

Extension cords shall not be used for permanent wiring. Cords over the length of six (6) feet shall be removed from service. This includes cords found controlling the garage door opener. A receptacle must be installed within four (4) feet of the garage door motor.

PM-607.1.1 Venting of Clothes Dryers and range hoods: (Page 23) Add a new sub-section:

Clothes dryer exhaust shall be independent of all other systems and shall be vented to the exterior. The clothes dryer or range vent shall not pass thru the garage.

PM-703.1.1 Carport/ Garage Separations (Page 19) Add a new sub-section:

An existing wall that separates a garage and a living area shall be maintained with drywall without any holes, un-taped joints or the like. The fire official may approve other wall coverings.

- A. Where no wall or ceiling separates a garage that abuts a living area, such a wall or ceiling shall be constructed with 5/8 inch type X drywall. All joints must be covered by tape and joint compound, and all nails covered by joint compound.
- B. Carports must be separated from the house by some type of separation wall, if not open on two sides.
- C. Any door separating the living space and a garage or carports not open on two sides must be at least 1-3/4 inch with a solid core or labeled twenty (20) minute-rated steel door. Garage door brackets must be sealed tightly to the ceiling. Windows installed in a separation door or wall shall be removed or the glass must be of an approved type.
- D. Every post, beam, and all plumbing and ductwork exposed in the garage shall be covered with 5/8 type X drywall.
- E. Pull-down stairs in the garage ceiling shall be removed or replaced with a fire-rated pull down stairs.
- F. Attic access in the garage shall be held in place with 2 by 4 construction.

PM-704.2 **Smoke Alarms** (Page 19) Delete in its entirety and add the following:
Approved single-station smoke alarms shall be installed in existing dwelling units, congregate residences, and hotel, lodging house guestrooms.

1. Single family dwellings

Smoke Alarms are required as follows:

- A. In hallway within ten (10) feet of each sleeping area;
- B. Within each sleeping area;
- C. One on each level including the basement;
- D. Additional smoke alarms may be required by the Fire Marshal;
- E. Smoke alarms are not required in the attic or garage, and
- F. Smoke alarms are required on each side of an attic fan.

2. Apartment Buildings

Smoke Alarms are required as follows:

- A. In hallway within ten (10) feet of each sleeping area;

- B. Within each sleeping area;
- C. In enclosed hallways and stairwells outside each apartment;
- D. In all basements; and
- E. Smoke alarms are not required in the attic or garage.

704.3 **Power source:** (Page 25) Add new sub-section:

If an AC smoke alarm is replaced, it must be replaced with an AC-DC smoke alarm. An AC-DC smoke alarm may only be replaced with an AC-DC smoke alarm.

PM-704.3 **Carbon Monoxide Detectors** (Page 25) Add a new sub-section:

A carbon monoxide detector shall be located outside each sleeping area on the ceiling or wall and within ten (10) feet of each bedroom door. When the smoke detectors are interconnected a combination smoke alarm and carbon monoxide detector may be installed in place of the smoke detector in the hallway.

Exceptions:

1. A home without fuel fired appliances and/or attached garage.

SECTION 12 CONFLICTING AND INCONSISTENT PORTIONS OF THE ORDINANCE.

In case of conflict between any section of the designated Fire Prevention Code of the ANTONIA FIRE PROTECTION DISTRICT of Jefferson County, Missouri, this ordinance, or any other ordinance of the ANTONIA FIRE PROTECTION DISTRICT of Jefferson County Missouri, the most stringent requirement(s) shall apply. Where portions of the code are inconsistent with one another, those prior portions are hereby revoked and repealed as of no effect.

SECTION 13 SAVINGS CLAUSE.

Nothing in this ordinance hereby adopted shall be construed to affect any pending proceeding or suit in any court, or any rights acquired, or liability incurred, or any cause of action acquired or existing, under any act or ordinance hereby repealed, if any, nor shall any just or equitable or legal right or remedy of any character be lost, impaired or affected by this ordinance.

SECTION 14 SEVERABILITY.

If any section, subsection, sentence, clause, phrase, or portion of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such section, subsection, sentence, clause, phrase, or portion of this ordinance shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining section, subsection, sentence clause, phrase, or portion of this ordinance.

SECTION 15 EMERGENCY ENACTMENTS.

It being deemed that the situation intended to be met by such ordinance constitutes an emergency directly affecting the lives, safety, and health of the inhabitants of the areas encompassed by this ordinance, and the protection of property within those areas, this **ordinance shall take effect on January 1st 2012**. This ordinance having been duly considered and voted upon by the board of directors of the **ANTONIA FIRE PROTECTION DISTRICT** of Jefferson County, Missouri, the ordinance is enacted as an ordinance of the ANTONIA FIRE PROTECTION DISTRICT of this 1st day of November, 2011

, CHAIRMAN
BOARD OF DIRECTORS

ATTEST:

, SECRETARY
BOARD OF DIRECTORS

(SEAL)

APPROVED:

, DIRECTOR

, DIRECTOR

, DIRECTOR

