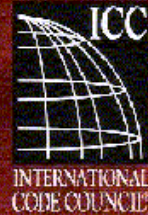


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INTERNATIONAL FIRE CODE[®]

LOCAL
Amendments

FALCON FIRE PROTECTION DISTRICT
TRI-LAKES MONUMENT FIRE RESCUE AUTHORITY
BLACK FOREST FIRE RESCUE PROTECTION DISTRICT
WESCOTT FIRE PROTECTION DISTRICT
CIMARRON HILLS FIRE PROTECTION DISTRICT

2003



January 1, 2006

Dear Community and Customers,

It is with great professional pride and excitement that we write this letter to inform you that with the support of our El Paso County Commissioners, the above named fire organizations have recently joined the ranks of many of America’s most progressive fire departments by adopting the 2003 Edition of the International Fire Code (IFC) with local amendments.

In recent years, El Paso County has experienced a great deal of development and growth, particularly along the Northern and Eastern borders of Colorado Springs. By adopting the IFC and becoming more involved in the development and construction of our communities we are able to gain the greatest amount of fire protection for the least amount of burden to our taxpayers.

As your Fire Chiefs, we have addressed many issues to improve life safety and reduce fire loss within our districts, but let us assure you, nothing we have done will have such a lasting and monumental affect in our communities as the adoption and enforcement of this code.

Your fire department is excited to take this assertive and progressive roll in fighting fires, saving lives and reducing property damage.

Thank you for your continued commitment and support,

Rob Denboske
Fire Chief,
Tri-Lakes -
Monument

Robert Helton
Fire Chief,
Cimarron Hills

Trent Harwig
Fire Chief,
Falcon

Jeff Edwards
Fire Chief,
Wescott

David Ury
Fire Chief,
Black Forest

Resolution No. 3-15-2006-1

**RESOLUTION
BOARD OF DIRECTORS
FALCON FIRE PROTECTION DISTRICT**

**RESOLUTION ADOPTING THE 2003 EDITION OF THE INTERNATIONAL FIRE
CODE WITH LOCAL AMENDMENTS**

WHEREAS, the Falcon Fire Protection District (“District”) is a quasi-municipal corporation and political subdivision of the State of Colorado, formed pursuant to C.R.S. §32-1-101, *et seq.* (“Special District Act”) to provide, among other services, fire suppression, fire prevention, hazardous materials, and fire/public education services (collectively, “Fire Services”);

WHEREAS, the Fire District currently lies solely within unincorporated El Paso County;

WHEREAS, the Special District Act authorizes the District’s Board of Directors (“Board”) to adopt and enforce a fire code within the District’s jurisdiction; provided, however, that a fire code adopted by the District Board can only be enforced within unincorporated El Paso County if it is first approved by the El Paso County Board of County Commissioners (“Board of Commissioners”);

WHEREAS, the District Board desires to adopt the 2003 Edition of the International Fire Code, with the amendments specifically identified in the *IFC Local Amendments* attached to this Resolution as Appendix A (collectively, the “2003 IFC With Local Amendments”) and incorporated in its entirety herein by this reference; and,

WHEREAS, in accordance with the Special District Act, the District Board intends that the 2003 IFC With Local Amendments shall be submitted to the Board of Commissioners for its approval; and, further the 2003 IFC With Local Amendments shall not apply in El Paso County until the Board of Commissioners adopts a resolution or ordinance stating that the 2003 IFC With Local Amendments shall be applicable within the District’s boundaries.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE
FALCON FIRE PROTECTION DISTRICT THAT:**

1. The 2003 edition of the International Fire Code, with the amendments specifically identified in the *IFC Local Amendments* attached to this Resolution as Appendix A is hereby adopted as the Fire District’s Fire Code for all purposes, subject to the following conditions:

a. The District's Fire Chief shall promptly submit the 2003 IFC with Local Amendments to the Board of Commissioners for its approval;

b. The 2003 IFC With Local Amendments shall not apply in El Paso County until the Board of Commissioners adopts a resolution or ordinance stating that the 2003 IFC With Local Amendments shall be applicable within the District's boundaries; and,

c. On and after the date that the Board of Commissioners adopts a resolution or ordinance stating that the 2003 IFC With Local Amendments shall be applicable within the District's boundaries (the "Effective Date"), the Fire Code shall be administered and enforced by the District's Fire Chief, or his/her authorized representative, as required and provided for in the Special District Act, and any other applicable Federal, State or local law or ordinance;

2. The District's Fire Marshal, for the purpose of enforcing 2003 IFC With Local Amendments on and after the Effective Date, is an authorized representative of the Fire Chief. This section shall not limit the designation of additional authorized representatives if the Fire Chief deems it necessary for the effective enforcement of the 2003 IFC With Local Amendments;

3. Nothing contained in this Resolution shall be construed as modifying or limiting in any manner the powers, duties, and responsibilities of the District, and the District's Fire Chief or his/her authorized representative(s), set forth in the Special District Act, or as otherwise provided by statutory or common law;

4. The Fire Code currently in force in the District's jurisdiction, and previously approved by the Board of Commissioners, shall remain in full force and effect until the Effective Date of the 2003 IFC With Local Amendments.

APPROVED AND ADOPTED this ____ day of _____, 2006.

BOARD OF DIRECTORS
FALCON FIRE PROTECTION DISTRICT

Director

Director

Director

Director

Director

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INTERNATIONAL FIRE CODE[®]

LOCAL

Amendments

FALCON FIRE PROTECTION DISTRICT
TRI LAKES MONUMENT FIRE RESCUE AUTHORITY
BLACK FOREST FIRE RESCUE PROTECTION DISTRICT
WESCOTT FIRE PROTECTION DISTRICT
CIMARRON HILLS FIRE PROTECTION DISTRICT

2003

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ADMINISTRATION (CHAPTER 1)

SECTION 101 - GENERAL

Section 101.1 Title. Amend Section 101.1 by adding the following: These regulations shall be known as the *Fire Code* of the Falcon Fire Protection District, the Tri-Lakes Monument Fire Rescue Authority, the Black Forest Fire Rescue Protection District, the Wescott Fire Protection District or the Cimarron Hills Fire Protection District as applicable, hereinafter referred to as “this code.”

Section 101.2.1 Scope. Delete Section 101.2.1 and replace with the following: “101.2.1 Appendices. In conjunction with the adoption of the 2003 International Fire Code, the above mentioned Fire Authorities Having Jurisdiction also adopts Appendix A, Appendix B, Appendix C, Appendix D, and Appendix H as amended, as part of the provisions and requirements of this code.”

SECTION 104 – GENERAL AUTHORITY AND RESPONSIBILITIES

Section 104.3 Right of Entry. Amend Section 104.3 by adding the following: In addition to all other remedies available at law or in equity, a person who refuses entry may be in violation of Sections 18-8-104 and/or 18-8-106 of the Colorado Revised Statutes and may be cited.

Section 104.11.2 Obstructing Operations. Amend Section 104.11.2 by adding the following: In addition to all other remedies available at law or in equity, a person who obstructs the Falcon Fire Department’s operations may be in violation of Sections 18-8-104 and/or 18-8-106 of the Colorado Revised Statutes and may be cited.

SECTION 105 – PERMITS

Section 105.1.2 Types of Permits. Amend Section 105.1.2 to read as follows: “105.1.2. Types of Permits. The Fire Authority Having Jurisdiction shall issue three types of permits to ensure operations occurring within the district are performed in accordance with this code. The permits are as follows:

1. Hazardous Activity Permit. A hazardous activity permit allows the applicant to perform temporary hazardous activities as allowed by the Fire Authority Having Jurisdiction.

2. Construction Permit. A construction permit allows the applicant to construct, install or modify structures, systems and equipment as allowed by the Fire Authority Having Jurisdiction.
3. Annual Use Permit. An annual use permit allows the applicant to perform activities on an annual basis as allowed by the Fire Authority Having Jurisdiction.”

Section 105.1.4 Permit Fees. Add a new Section 105.1.4. to read as follows: “105.1.4 Permit Fees. A permit fee shall be paid to the Fire Authority Having Jurisdiction at a rate established and adjusted by the Fire Authority Having Jurisdiction’s Board of Directors. This fee recovers costs associated with inspection related activities, such as plan reviews, physical inspections, and associated administrative activities. All permit fees shall be paid directly to the Fire Authority Having Jurisdiction.”

Section 105.1.5 Registration Fees. Add new section 105.1.5 to read as follows: “Section 105.1.5. Registration Fees. A registration fee as established by the State of Colorado shall be paid to the Fire Authority for all automatic sprinkler systems valued at more than \$500.00.”

Section 105.6 Required Operational Permits. Delete Section 105.6 including all subsections in its entirety with the exception of Table 105.6.9, Table 105.6.11 and Table 105.6.21. Add a new Section 105.6 to read as follows:

105.6 Required Permits.

Section 105.6.1 Hazardous Activity Permits (HAP). A hazardous activity plan review and permit shall be obtained from the Fire Authority Having Jurisdiction for the following hazardous activities. A hazardous activity permit shall expire 180 calendar days from the date of issuance.

HAP1 Amusement buildings, temporary haunted houses. A permit is required to operate a special amusement building or temporary haunted house having an area of 1,000 square feet or greater.

HAP2 Open Burning. A permit is required for the kindling or maintaining of an open fire or a fire on any public street, alley, road, or other public or private ground.

Exception: Recreational fires as defined in this code.

HAP4 Liquid Petroleum Gases (LPG). A permit is required to install a temporary LPG storage tanks 2000-gallons or greater.

HAP3 Pyrotechnic Sales. A permit is required to sell pyrotechnics from a structure, booth, tent or temporary display stand of any size.

HAP4 Pyrotechnic Displays. A permit is required to perform a public fire work display.

HAP5 Temporary Flammable or Combustible Tank. A permit is required to install a temporary flammable or combustible fuel storage tanks 300-gallons or greater.

HAP6 Temporary Membrane Structures, Tents and Canopies. A permit is required to erect or operate an air-supported temporary membrane structure, canopy or a tent having an area of 1,000 square feet or greater.”

Section 105.6.2 Construction Permits (CP). A construction plan review and permit shall be obtained from the Fire Authority Having Jurisdiction for the following construction activities:

CP1 Automatic Fire-Extinguishing Systems. A permit is required for installation of, or modification to, an automatic fire-extinguishing system. Routine maintenance performed in accordance with this code is not considered a modification and does not require a permit.

CP2 Commercial Construction: The Fire Authority Having Jurisdiction shall review and approve all commercial construction plans for projects located within the fire response area prior to the Regional Building Department issuing a commercial building permit.

CP3 Development. The Fire Authority Having Jurisdiction shall review and make recommendations to all development plans for proposed developments located within the fire response area prior to the El Paso County Development Services Department or the El Paso County Commission approving development plans.

CP4 Fire Alarm and/or Detection Systems and Related Equipment. A permit is required for installation of, or modification to, fire alarm and/or detection systems and related equipment. Routine maintenance performed in accordance with this code is not considered a modification and does not require a permit.

CP5 Fire Pumps and Related Equipment. A permit is required for installation of, or modification to, fire pumps and related fuel tanks,

jockey pumps, controllers, and generators. Routine maintenance performed in accordance with this code is not considered a modification and does not require a permit.

CP6 Fire Hydrants. The Fire Authority Having Jurisdiction shall review and approve all fire hydrant and water main plans for projects located within the fire response area prior to the applicable water jurisdiction approving the project.

CP6 Hazardous Materials. A permit is required to store, transport on site, dispense, use or handle hazardous materials in excess of quantities indicated in Table 105.6.7.1, Table 105.6.7.2 and Table 105.6.7.3 for one year. (NOTE: An Annual Use Permit (AUP) will be required in accordance with Section 105.6.3 AUP1 for hazardous material activities that exceed one year from the date of the CP6 Permit).

CP7 High-Pile Storage. A construction plan review and permit is required to use any building or portion thereof as a high-pile combustibles storage area exceeding 500 square feet for one year (see definition in Chapter 23). (NOTE: An Annual Use Permit (AUP) will be required in accordance with Section 105.6.3 AUP2 for high-pile storage activities that exceed one year from the date of the CP 6 Permit).

CP8 Residential Construction (Urban-Wildland Interface Area). The Fire Authority Having Jurisdiction shall review and approve all residential construction plans for projects located within the Fire Authority Having Jurisdiction's Urban-Wildland Interface Area prior to the Regional Building Department issuing a residential building permit.

CP9 Standpipe Systems. A permit is required for the installation, modification, or removal from service of a standpipe system. Routine maintenance performed in accordance with this code is not considered a modification and does not require a permit."

Section 105.6.3 Annual Use Permits (AUP). In addition to the initial Construction Permit (CP), an annual use permit shall be obtained from the Fire Authority Having Jurisdiction on an annual basis for the following hazardous activities:

AUP1 Hazardous Materials. An Annual Use Permit (AUP) is required to ensure that hazardous materials in excess of the amounts listed in Table 105.6.7.1, Table 105.6.7.2 and Table 105.6.7.3 are stored, transported on site, dispensed, used or handled in accordance with the requirements of this code.

AUP2 High-Pile Storage. An Annual Use Permit (AUP) is required for buildings containing high-pile storage in excess of 500 square feet to ensure that commodities are stored in compliance with the requirements of this code.

Section 105.6.4 Hazardous Material Quantities Requiring Permit. The following tables establish the threshold amounts of hazardous materials that require permitting from the Fire Authority Having Jurisdiction.”

TABLE 105.6.4.1. PERMIT AMOUNTS FOR COMPRESSED GASES

TYPE OF GAS	AMOUNT (cubic feet at NTP)
Corrosive	200
Flammable (except cryogenic fluids and liquefied petroleum gases)	200
Highly Toxic	Any Amount
Inert and Simple Asphyxiant	6,000
Oxidizing (including oxygen)	504
Toxic	Any Amount

TABLE 105.6.4.2. PERMIT AMOUNTS FOR CRYOGENIC FLUIDS

TYPE OF CRYOGENIC FLUID	AMOUNT (gallons)	
	INSIDE BUILDING	OUTSIDE BUILDING
Flammable	More than 1	60
Inert	60	500
Oxidizing (including oxygen)	10	50
Physical or Health hazard not indicated above	Any Amount	Any Amount

TABLE 105.6.4.3. PERMIT AMOUNTS FOR HAZARDOUS MATERIALS

TYPE OF MATERIAL	AMOUNT
COMBUSTIBLE LIQUIDS	25 GALLONS INSIDE, 60 GALLONS OUTSIDE
CORROSIVE MATERIALS	
GASES	200 CUBIC FEET
LIQUIDS	55 GALLONS
SOLIDS	1000 POUNDS
EXPLOSIVE MATERIALS	ANY AMOUNT
FLAMMABLE MATERIALS	
GASES (EXCEPT LPG)	200 CUBIC FEET
LIQUIDS	25 GALLONS INSIDE, 60 GALLONS OUTSIDE

SOLIDS	100 POUNDS
HIGHLY TOXIC MATERIALS	ANY AMOUNT
IRRITANT LIQUIDS/SOLIDS	55 GALLONS (LIQUID) 1000 POUNDS (SOLID)
LIQUID PETROLEUM GAS (LPG)	2000 GALLON WATER CAPACITY
ORGANIC PEROXIDES <u>LIQUIDS/SOLIDS</u> CLASS I CLASS II CLASS III CLASS IV CLASS V	ANY AMOUNT ANY AMOUNT 1 GALLON (LIQUID) – 10 POUNDS (SOLID) 2 GALLONS (LIQUID) – 20 POUNDS (SOLID) NO PERMIT REQUIRED
OXIDIZING MATERIALS <u>GASES</u> <u>LIQUIDS/SOLIDS</u> CLASS 4 CLASS 3 CLASS 2 CLASS 1	504 CUBIC FEET ANY AMOUNT (LIQUID/SOLID) 1 GALLON (LIQUID) – 10 POUNDS (SOLID) 10 GALLONS (LIQUID) – 100 POUNDS (SOLID) 55 GALLONS (LIQUID) – 500 POUNDS (SOLID)
ORGANIC PEROXIDES CLASS I CLASS II CLASS III CLASS IV	ANY AMOUNT ANY AMOUNT 10 POUNDS (SOLID) – 1 GALLON (LIQUID) 20 POUNDS (SOLID) – 2 GALLONS (LIQUID)
REFRIGERANT CLASS A1 ALL OTHER CLASSES	220 pounds 30 pounds
PYROPHORIC MATERIALS	ANY AMOUNT
RADIOACTIVE MATERIALS	ANY AMOUNT
TOXIC MATERIALS <u>GASES</u> <u>LIQUIDS</u> <u>SOLIDS</u>	ANY AMOUNT 10 GALLONS 100 POUNDS
UNSTABLE (REACTIVE) MATERIALS <u>LIQUIDS/SOLIDS</u> CLASS 4 CLASS 3 CLASS 2 CLASS 1	ANY AMOUNT ANY AMOUNT 5 GALLONS (LIQUID) – 50 POUNDS (SOLID) 10 GALLONS (LIQUIDS) – 100 POUNDS (SOLID)
WATER-REACTIVE MATERIALS <u>SOLIDS</u> CLASS 3 CLASS 2 CLASS 1	ANY AMOUNT 50 POUNDS 500 POUNDS

Table 105.6.9 Permit Amounts for Compressed Gases. Renumber Table 105.6.9 as Table 105.6.4.1.

Table 105.6.11 Permit Amounts for Cryogenic Fluids. Renumber Table 105.6.11 as Table 105.6.4.2.

Table 105.6.21 Permit Amounts for Hazardous Materials. Renumber Table 105.6.21 as Table 105.6.4.3.

Section 105.7 Required Construction Permits. Delete Section 105.7 including all subsections in its entirety.

SECTION 106 – INSPECTIONS

Section 106.4 Inspection Fees. Add a new Section 106.4 to read:

"Section 106.4 Inspection Fees. An inspection fee at a rate established and adjusted by the Fire Authority Having Jurisdiction's Board of Directors may be assessed for each inspection, or for any re-inspection when any portion of work for which inspection is called is not complete or when required corrections have not been completed. This subsection is not to be interpreted as requiring reinspection fees upon initial rejection of work for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before work is ready for the inspection or reinspections. The reinspection fees may be assessed:

- When the permit is not properly posted on the worksite; or
- For failing to provide access on the date for which inspection is requested; or
- For failing to maintain all work in an exposed condition until inspected and approved for installation; or
- For deviating from plans as approved by the Fire Code Official; or
- For lack of sufficient documentation, equipment, or personnel needed to complete the inspection; or
- When the work that an inspection has been called for has not been pretested or is not ready for inspection."

Section 106.5 Inspection Requests. Add a new section 106.5 to read as follows: "106.5. Inspection Requests. It shall be the duty of the person doing the work authorized by a permit to notify the Fire Code Official that the work is ready for inspection. The Fire Code Official is authorized to require that requests for inspection be filed not less than seventy-two hours before the inspection is desired. The requests may be in person or by telephone at the option of the Fire Code Official. It shall be the duty of the person requesting any required inspections to provide access to and means for proper inspection of the work."

SECTION 108 - BOARD OF APPEALS

Section 108.1 Fire Board of Appeals. Delete Section 108.1 and replace with the following: "108.1. Fire Board of Appeals. In order to hear and decide appeals of a final order, decision or determination on the application and

interpretation of this code by the Fire Code Official, there is hereby created a Fire Board of Appeals. The Fire Board of Appeals shall mean the Fire Board of Appeals established by the Fire Authority Having Jurisdiction. The Fire Board of Appeals shall be appointed by the Fire Authority Board of Directors and shall hold office at the pleasure of the District Board, and in conformance with the provisions of Appendix A to this code. The Fire Chief shall set as an ex-officio member of the Fire Board Appeals and shall have no vote. The Fire Board Appeals shall adopt rules of procedure for conducting business pertaining to fire code appeals, and shall render all decisions and findings in writing to the applicant and the Fire Code Official.”

Section 108.2 Limitations on Authority. Delete Section 108.2.

Section 108.3 Appeals Process. Delete Section 108.3 and replace with the following : 108.3 Appeals Process. All appeals shall be made in writing to the Fire Chief. An appeal to the Fire Chief’s decision shall be made in writing to the Fire Authority Having Jurisdiction’s Board of Appeals. All decisions and findings shall be rendered in writing to the appellant with a duplicate copy filed with the Fire Chief. Rulings by the Fire Authority Having Jurisdiction’s Fire Board of Appeals shall be final.

SECTION 109 - VIOLATIONS

Section 109.3 Violation Penalties. Delete Section 109.3 and replace with the following: “109.3. Violation Penalties. Penalties shall be assessed for violations of this code as authorized by C.R.S. 32-1-1002 (3) and (4), or any other applicable federal, state or local law.”

SECTION 111 – STOP WORK ORDER

Section 111.4 Failure to Comply. Delete Section 111.4 and replace with the following: “111.4. Failure to Comply. A person who violates a stop work order shall be subject to all legal or equitable remedies available to the Fire Authority, including but not limited to specific performance or injunction, and also shall be subject to the penalties authorized by C.R.S. 32-1-1002 (3) and (4), or any other applicable federal, state, or local law or ordinance.”

SECTION 112 - CONSTRUCTION DOCUMENTS

Section 112 Construction Documents. Add a new Section 112 to read as follows: **Section 112 Construction Documents.**

Section 112.1 Submittal Documents. Each application for a permit shall include at least two complete sets, but not more than three sets, of all new and remodel construction documents, fire alarm, fire sprinkler system, water line and fire hydrant, standpipes, hazardous materials, fixed fire suppression systems, special permit submittals, high-pile storage layouts, and other data. The construction documents shall be prepared by a registered design professional when required by the State of Colorado or El Paso County. The Fire Code Official may require additional documents to be prepared and submitted by a registered design professional.

Section 112.1.1 Information on Submittal Documents. Submittal documents shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the Fire Code Official. Submittals shall be of sufficient clarity and quality to indicate the location, nature, and extent of the work proposed, showing in detail that the work will conform to the provisions of this code, adopted appendixes, amendments and applicable standards as determined by the Fire Code Official.

Section 112.1.2 Fire Protection System Shop Drawings. Shop drawings for fire protection system(s) shall be submitted to indicate compliance and conformance with this code and all other applicable codes and standards as adopted by the Fire Authority Having Jurisdiction. The drawings shall be approved and proper permits obtained prior to the start of system installation work on the site. Shop drawings shall contain all information required by the installation standards referenced in Chapter 9 of this code.

Section 112.2 Site Plans. Drawings submitted with applications for permits shall be accompanied by a site plan showing to scale the size and location of the new construction and any existing structures on the site, distances from property and lot lines, the established streets and access ways, fire department fire lanes, fire department turnarounds, fire emergency access roads, new and/or existing hydrants and other relevant information as deemed necessary by the Fire Code Official. In cases of demolition, the structures being demolished also shall be indicated, and all structures remaining on the site shall be shown, with each structure labeled as to its status. The Fire Code Official is authorized to waive or modify this requirement for a site plan when the application for permit does not warrant such submittal.

Section 112.3 Examination of Documents. The Fire Code Official shall examine, or cause to be examined, the accompanying submittal documents, and shall ascertain by such examinations whether the work indicated and described

is in accordance with the requirements of this code and other pertinent laws or ordinances.

Section 112.3.1 Approval of Submittal Documents. When the Fire Code Official issues a permit, the submittal documents shall be approved, in writing or by stamp, as “reviewed for code compliance”. One set shall be retained by the Fire Code Official. The other set(s) shall be returned to the applicant. One set shall be kept at the site of work, and shall be available for inspection upon request by the Fire Code Official or his/her duly authorized representative.

Exception: The Fire Authority Having Jurisdiction may not retain plans that other agencies archive.

Section 112.3.2 Amended Documents. Work shall be installed in accordance with the approved documents, and any changes made during construction that are not in compliance with the approved documents shall be submitted for approval as an amended set of documents. Additional fees may be charged to recover costs associated with reviewing these additional documents.”

DEFINITIONS (CHAPTER 2)

Section 202 General Definitions. Add a new definition as part of the General Definitions to read as follows: "Fire Authority Having Jurisdiction, (F-AHJ)." When the Fire Authority Having Jurisdiction is referred to in the 2003 IFC and this document, it shall refer to the appropriate fire jurisdiction as follows: the Falcon Fire Protection District, the Tri-Lakes Monument Fire Rescue Authority, the Black Forest Fire Rescue Protection District, the Wescott Fire Protection District or the Cimarron Hills Fire Protection District as applicable.

GENERAL PRECAUTIONS AGAINST FIRE (CHAPTER 3)

SECTION 304 - COMBUSTIBLE WASTE MATERIAL

Section 304.1.2 Vegetation. Amend Section 304.1.2 to read as follows: "304.1.2 Vegetation. Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation clearance requirements in urban-wildland interface areas shall be in accordance with Appendix H of this code."

EMERGENCY PLANNING AND PREPAREDNESS (CHAPTER 4)

SECTION 401 - GENERAL

Section 401.1 Scope. Delete the “exception” from Section 401.1.

SECTION 404 - FIRE SAFETY AND EVACUATION PLANS

Section 404.3.2 Fire Safety Plans. Amend Section 404.3.2(4)(4.8) to read as follows:

“4.8. Hose Valve/Standpipe Stations.”

SECTION 405 - EMERGENCY EVACUATION DRILLS

Table 405.2 Frequency. Delete Table 405.2 and replace with the following:

TABLE 405.2 - FREQUENCY OF REQUIRED EMERGENCY EVACUATION DRILLS

OCCUPANCY CLASS	FREQUENCY	PARTICIPANTS
Group A	Quarterly	Employees
Group B	Annually	All Occupants
Group E	Monthly	All Occupants
Group F	Semiannually on each shift	Employees
Group H	Semiannually on each shift	Employees
Group I	Quarterly on each shift	Employees
Group M	Semiannually on each shift	Employees
Group R (excluding single family residence)	Quarterly on each shift	Employees
Group S	Semiannually on each shift	Employees

FIRE SERVICE FEATURES (CHAPTER 5)

SECTION 503 – FIRE APPARATUS ACCESS ROADS

Section 503.3 Marking. Amend Section 503.3 to read as follows: “503.3. Marking. Where required by the Fire Code Official, approved striping and/or signs shall be provided and maintained in accordance with Appendix D, Section D103.6 to identify and prohibit obstruction of fire apparatus access roads. Striping and signs shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate identification.”

SECTION 505 – PREMISES IDENTIFICATION

Section 505.1 Address Numbers. Amend Section 505.1 to read as follows: “505.1. Address Numbers. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Commercial and residential structures shall be identified with numbers that are a minimum of five inches high with a minimum stroke width of 0.5 inch.”

Section 505.1.1 Remote Address Sign. Add a new section 505.1.1 to read as follows: “505.1.1 Remote Address Sign.”

Section 505.1.1.1 Commercial Buildings. Add a new section 505.1.1.1 to read as follows: “505.1.1.1 Commercial Buildings. The remote address sign for commercial buildings shall be permanent, with identification numbers a minimum of five inches high and a minimum stroke width of 0.50 inch.”

Section 505.1.1.2 Residential Structures. Add a new section 505.1.1.2 to read as follows: “505.1.1.2 Residential Structures. The remote address sign for residential structures shall consist of a pressure treated 4” x 4” post (or a weather resistant address marker as approved by the Fire Code Official) set in a concrete footing at the driveway entrance. The identification numbers shall be a minimum of four inches high with a minimum stroke width of 0.5 inch and made of a material that contrasts with the background. The address numbers shall be mounted a minimum of 30-inches above grade and shall be visible from both the intended and opposite directions of travel.”

Section 505.1.2 Addressing of Rear Doors. Add a new section 505.1.2 to read as follows: “505.1.2 Addressing of Rear Doors. The rear entrance or access doors of all malls, strip center, commercial center buildings, and other areas with multi-tenant spaces shall be identified with the appropriate address number and business name. The address numbers and/or letters shall be at least four inches high with a minimum stroke width of 0.5 inch. The Fire Authority Having Jurisdiction may require the installation of address numbers/letters on other locations to prevent confusion in the event of an emergency.”

SECTION 506 – KEY BOXES

Section 506.1 Knox™ Box. Amend Section 506.1 to read as follows: “506.1. Knox Box™. On all new and existing commercial buildings as defined by Fire Code Official, or where access to or within a structure or an area is restricted because of secured openings, or where immediate access is necessary for life-saving or fire-fighting purposes, or where a monitored fire alarm system, fire sprinkler system, any other fire suppression systems or elevators exist in the building, a Knox™ box shall be installed in an approved location unless otherwise authorized by the Fire Code Official. Knox™ boxes shall be ordered through the Fire Fire Authority Having Jurisdiction. Knox™ boxes shall contain at least two (2) labeled sets of keys, including but not limited to, keys for access into and through the premises, keys to any secured fire protection systems, and elevators keys. Knox™ Fire Department decals shall be installed as required by the Fire Code Official.”

Section 506.1.1 Locks. Amend Section 506.1.1 to read as follows: “506.1.1. Locks. An approved Knox™ lock shall be installed on gates or similar barriers when required by the Fire Code Official.”

Section 506.2 Knox™ Box Maintenance. Amend Section 506.2 to read as follows: “506.2. Knox™ Box Maintenance. The operator of the building shall immediately notify the Fire Code Official and provide new keys when a lock is changed or rekeyed. The keys to such lock(s) shall be secured in the Knox™ box.”

SECTION 508 - FIRE PROTECTION WATER SUPPLY

Section 508.5.1 Where Required. Delete Section 508.5.1 in its entirety.

Section 508.5.7 Color Coding/Flagging of Fire Hydrants. Add a new Section 508.5.7 to read as follows: “508.5.7. Color Coding/Flagging of Fire Hydrants. Fire hydrants shall be color coded or be equipped with a marker flag based on the specific colors set forth in Table 508.5.7.”

TABLE 508.5.7 HYDRANT MARKER COLOR CODING OF FIRE HYDRANTS

Flows	Colors
1,500 - 2,999 gpm	Blue
1,000 - 1,499 gpm	Green
500 - 999 gpm	Orange
Less than 500 gpm	Red

Section 508.5.8 Distance from Structures. Add a new Section 508.5.8 to read as follows: “508.5.8. Distance from Structures. Hydrants shall be located a minimum of 40 feet from the structures they are serving, unless otherwise approved by the Fire Code Official.”

SECTION 510 – FIRE DEPARTMENT ACCESS TO EQUIPMENT

Section 510.2 Signage Requirements. Add a new Section 510.2 to read as follows: “510.2 Signage Requirements. The size of all fire department signage that is not specified in this code shall be red letters on a white background, with a minimum letter height of two inches and a one-half inch stroke.”

FIRE PROTECTION SYSTEMS (CHAPTER 9)

SECTION 901 – GENERAL

Section 901.2 Construction Plans. Renumber existing Section 901.2 as Section 901.2.1.

Section 901.2.1 Statement of Compliance. Renumber existing Section 901.2.1 as Section 901.2.2.

Section 901.2 Approved Contractors. Add a new Section 901.2 to read as follows: “901.2. Approved Contractors.

Sprinkler Systems shall be installed, repaired, inspected, tagged, and maintained by a FSC-A contractor licensed by the Pikes Peak Regional Building Department.

Multi-Purpose Residential Fire Sprinkler Systems in one- and two-family dwellings shall be installed, repaired, inspected, tagged and maintained by a FSC-M contractor licensed by the Pikes Peak Regional Building Department.

Fire Extinguishers shall be repaired, inspected, tagged, and maintained by a licensed FSC-B, -C, or -D contractor licensed by the Pikes Peak Regional Building Department.

Fixed Fire Protection Systems shall be installed, repaired, inspected, tagged, and maintained by a FSC-B contractor licensed by the Pikes Peak Regional Building Department in accordance with manufacturers’ specifications. These specifications shall be followed in order to maintain specific listings.”

Section 901.4.2 Nonrequired Fire Protection Systems. Amend Section 901.4.2 to read as follows: “901.4.2. Nonrequired Fire Protection Systems. A nonrequired fire protection system installed voluntarily shall be installed, repaired, operated, tested and maintained in accordance with this code and applicable standards.”

Section 901.7 Systems Out of Service. Insert a third paragraph to read as follows: “When a sprinkler system is permanently removed from service it shall be completely removed from the structure, including all sprinklers, piping, valves (FDC’s), fire department connections, post indicator valves (PIV’s), horn/strobe

unit, etc. The only remaining portion of the system permitted to remain is the water riser stub coming out of the ground and associated fire line.”

SECTION 903 – AUTOMATIC SPRINKLER SYSTEMS

Section 903.2.1.1 Group A-1. Amend Section 903.2.1.1 to read as follows: “903.2.1.1. Group A-1. An automatic sprinkler system shall be provided for Group A-1 occupancies where one or more of the following conditions exist:

- 1) The square footage exceeds 6,000 square feet within the surrounding exterior walls.
- 2) The structure has an occupant load of 50 or more.
- 3) The fire area is located on a floor other than the level of exit discharge.

Section 903.2.1.2 Group A-2. Amend Section 903.2.1.2 to read as follows: “903.2.1.2. Group A-2. An automatic sprinkler system shall be provided for Group A-2 occupancies where one or more of the following conditions exist:

- 1) The square footage exceeds 5,000 square feet within the surrounding exterior walls.
- 2) The structure has an occupant load of 50 or more.
- 3) The fire area is located on a floor other than the level of exit discharge.”

Section 903.2.1.3 Group A-3. Amend Section 903.2.1.3 to read as follows: “903.2.1.3. Group A-3. An automatic sprinkler system shall be provided for Group A-3 occupancies where one or more of the following conditions exist:

- 1) The square footage exceeds 6,000 square feet within the surrounding exterior walls.
- 2) The structure has an occupant load of 50 or more.
- 3) The fire area is located in a floor other than the level of exit discharge.

Exception: Delete the “exception.”

Section 903.2.1.4 Group A-4. Amend Section 903.2.1.4 to read as follows: “903.2.1.4. Group A-4. An automatic sprinkler system shall be provided for Group A-4 occupancies where one or more of the following conditions exist:

- 1) The square footage exceeds 6,000 square feet within the surrounding exterior walls;
- 2) The structure has an occupant load of 50 or more;
- 3) The fire area is located on a floor other than the level of exit discharge.

Exception: Delete the “exception.”

Section 903.2.2 Group E. Amend Section 903.2.2 to read as follows: “903.2.2. Group E. An automatic sprinkler system shall be provided throughout all buildings containing a Group E occupancy as follows:

- 1) Throughout all Group E occupancies greater than 3,500 square feet within the surrounding exterior walls.

Exception: Delete the “exception.”

Section 903.2.3 Group F. Amend Section 903.2.3 to read as follows: “903.2.3. Group F. An automatic sprinkler system shall be provided throughout all buildings containing a Group F occupancy where one or more of the following conditions exist:

- 1) Where the square footage exceeds 6,000 square feet within the surrounding exterior walls.
- 2) Where the structure is two stories or more in height.”

Section 903.2.6 Group M. Amend Section 903.2.6 to read as follows: “903.2.6. Group M. An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one or more of the following conditions exists:

- 1) Where the square footage exceeds 6,000 square feet within the surrounding walls.

- 2) Where the structure is two stories or more in height.”

Section 903.2.7 Group R. Delete Section 903.2.7 and substitute the following: “903.2.7. Group R Sprinklers.

Group R3 Occupancies within the Urban-Wildland Interface Area. One and two family dwellings exceeding 3,600 square feet including attached garages and covered decks which are located within the designated urban-wildland interface area shall be equipped with an approved automatic sprinkler system. *The installation or addition of fire walls/barriers shall not eliminate or reduce this requirement.*

Exception: When vegetation management distances are implemented at a rate of one and a half times the requirements outlined in Section H-108.1 of Appendix H, R3 occupancies may be allowed follow the fire sprinkler requirements as outlined in Section 903.2.7 “Group R3 Occupancies Outside of the Urban-Wildland Interface Area”.”

Group R3 Occupancies Outside of the Urban-Wildland Interface Area. One and two family dwellings exceeding 6,000 square feet including attached garages and covered decks shall be equipped with an approved automatic sprinkler system. *The installation or addition of fire walls/barriers shall not eliminate or reduce this requirement.”*

Group R Occupancies with Three (3) to Seven (7) Units. Buildings with more than two (2) but less than eight (8) dwelling units shall be provided with an automatic sprinkler system installed in accordance with either Section 903.3.1.2 or 903.3.1.3 as approved by the Fire Authority Having Jurisdiction. *The installation or addition of fire walls/barriers shall not eliminate or reduce this requirement.”*

Group R Occupancies with Eight (8) or More Units. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings of Group R occupancy with eight (8) or more dwelling units. *The installation or addition of fire walls/barriers shall not eliminate or reduce this requirement.”*

Section 903.2.8 Group S-1. Amend Section 903.2.8 to read as follows: “903.2.8. Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one or more of the following conditions exist:

- 1) Where the square footage exceeds 6,000 square feet within surrounding exterior walls; or
- 2) Where the structure is two stories or more in height.

Section 903.2.11 During Construction. Amend Section 903.2.11 to read as follows: “903.2.11. During Construction. Automatic sprinkler systems required during construction, alteration and demolition operations shall be provided in accordance with Section 1414.”

Section 903.2.14 Group B and Mixed Use Occupancies. Add a new section to read Group B and Mixed Occupancies. An automatic sprinkler system shall be provided throughout all buildings containing Group B or mixed use occupancy when one or more of the following conditions exist:

- 1) Where the square footage exceeds 6,000 square feet within surrounding exterior walls;
- 2) Where the structure exceeds two or more stories in height.

Section 903.3.1.1.1 Exempt Locations. Delete subparagraphs 3 and 4. Add the following subparagraphs 3, 4, 5 and 6:

3. Safe deposit or other vaults of fire resistive construction when used for the storage of records, files and other documents, when stored in metal cabinets.
4. Communication equipment areas under exclusive control of a public communication utility agency, provided:
 - The equipment areas are separated from the remainder of the building by two-hour fire barrier; and
 - Such areas are used exclusively for such equipment; and
 - An approved automatic smoke-detection system is installed in such areas and is supervised by an approved central, proprietary or remote station service or a local alarm which will give an audible signal at a constantly attended location; and
 - Other approved fire-protection equipment such as portable fire extinguishers or Class I standpipes are installed in such areas.

5. Main electrical rooms where electrical services enter a building and are distributed provided all of the following are met.
 - The room is dedicated to electrical equipment only.
 - Only dry-type electrical equipment is used.
 - Electrical equipment is installed in an enclosure meeting the requirements of a two-hour fire barrier in accordance with the *International Building Code* adopted by El Paso County, including protection for all penetrations.
 - No combustible storage is permitted to be stored in the room.
 - An approved automatic smoke-detection system is installed in such areas and is supervised by an approved central, proprietary or remote station service in accordance with Section 907 of this code.
 - A portable fire extinguisher rated not less than 2-A:20-B:C is provided at the door giving access into the room.

6. Elevator machine rooms provided all of the following are met:
 - The elevator equipment is to be installed to meet the more restrictive of the two options noted below:
 - Within an enclosure meeting the fire resistive rating of the elevator hoist way, or
 - Fire barrier in accordance with the *International Building Code*.
 - No combustible storage is permitted to be stored in the room.
 - An approved automatic smoke-detection system is installed in such areas and is supervised by an approved central, proprietary or remote station service in accordance with Section 907 of this code.
 - A portable fire extinguisher rated not less than 2-A:20-B:C is provided at the door giving access into the room.”

Section 903.3.1.2.2 Hydraulic Calculations 13R Systems. Add a new Section 903.3.1.2.2. to read as follows: “903.3.1.2.2. Hydraulic Calculations 13R Systems. Consistent with the intent of

NFPA 13R, single-sprinkler hydraulic calculations are no longer required, where the sprinklers are listed with a single flow and pressure requirement. However, during inspection, a bucket test for the single sprinkler, as well as the multiple sprinkler demands, will still be required, based on the listing of the sprinkler.”

Section 903.3.1.3.1 Hydraulic Calculations 13D Systems. Add a new Section 903.3.1.3.1 to read as follows: “903.3.1.3.1. Hydraulic Calculations 13D Systems. Consistent with the intent of *NFPA 13D*, single-sprinkler hydraulic calculations are no longer required where the sprinklers are listed with a single flow and pressure requirement. However, during inspection, a bucket test for the single sprinkler, as well as the multiple sprinkler demands will still be required, based on the listing of the sprinkler.”

Section 903.3.5.1.1 Limited Area Sprinkler Systems. Amend Section 903.3.5.1.1 to read as follows: “903.3.5.1.1. Limited Area Sprinkler Systems. Limited area sprinkler systems serving fewer than 6 sprinklers on any single connection are permitted to be connected to the domestic service where a wet automatic standpipe is not available. Limited area sprinkler systems connected to domestic water supplies shall comply with each of the following requirements:”

Section 903.3.5.1.1 Limited Area Sprinkler Systems. Amend subparagraph 2 to read as follows: “2. The domestic service shall be capable of supplying the simultaneous domestic demand and the sprinkler demand required to be hydraulically calculated by *NFPA 13*.”

Section 903.3.5.1.2 Residential Combination Service. Amend Section 903.3.5.1.2 to read as follows: “903.3.5.1.2. Residential Combination Services. A single combination water supply shall be permitted if the domestic demand is added to the sprinkler demand as required by *NFPA 13D*.”

Section 903.4 Sprinkler System Monitoring and Alarms. Amend subparagraph 2 to read as follows “2. Limited area systems serving fewer than 6 sprinkler heads.”

Section 903.4.2.1 Water-flow Alarm Systems. Add a new Section 903.4.2.1 to read as follows: “903.4.2.1. Water-flow Alarm Systems. Water-flow alarm systems shall be provided with a minimum of one interior

audible and visual water-flow alarm appliance, and one pull station located in a normally occupied location.

In multi-tenant commercial structures, each tenant space shall be equipped with an audible and visual water-flow appliance.

All structures that contain a water-flow alarm also shall include a single exterior audible and visual water-flow alarm appliance.

Exception #1: Apartment buildings with a common exterior breezeway need not be provided with a pull station.”

Section 903.7 Relocations and Additions to Fire Sprinklers in Existing Facilities. Add a new Section 903.7 to read as follows: “903.7. Relocations and Additions to Fire Sprinkler Systems in Existing Facilities:

- Any additions or remodeling to existing commercial sprinkler systems that involve 20 sprinkler heads or less will not require a permit through the Fire Authority Having Jurisdiction; however, a letter from a Pikes Peak Regional Building Department (PPRBD) licensed sprinkler contractor shall be submitted to the Fire Authority Having Jurisdiction. The letter shall be on the sprinkler contractor’s letterhead and shall include the following information:
 - 1) All work performed will be completed by the PPRBD licensed sprinkler contractor indicated on the letterhead.
 - 2) The hydraulic supply to the system in this area will be sufficient and that no hydraulic overloading exists.
 - 3) The system will be installed in accordance with all applicable local and national standards (e.g. *International Building Code, International Fire Code and NFPA 13*).
 - 4) The scope of the work being conducted including the building name and address as well as interior area location.
 - 5) The number of heads being relocated and/or installed.
 - 6) A time schedule of the work being performed, giving start and completion dates.

- 7) No inspections will be performed on this minor work unless a special request is made or the Fire Authority Having Jurisdiction elects to make quality control checks on the work being performed.
 - 8) This does not apply to spray booths, *NFPA 13D*, and *13R* systems, special hazard systems, or other special stipulations previously mandated and required by the Fire Authority Having Jurisdiction.
- All systems with more than 20 heads must conform to all local and state standards including plan submittal, permits, and other requirements.”

SECTION 904 – ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

Section 904.11.6.1.1 Ventilation System Interconnection. Add a new Section 904.11.6.1.1 to read as follows: "904.11.6.1.1 Ventilation System Interconnection. Upon activation of the fire suppression system, the exhaust shall remain on while the make-up air is shut down."

SECTION 905 – STANDPIPE SYSTEMS

Section 905.1 General. Amend Section 905.1 to read as follows: "905.1 General. Standpipe systems shall be provided in occupancies and locations as required by this code."

Section 905.3.1 Building Height. Amend Section 905.3.1 to read as follows: "905.3.1. Building Height. Class I automatic wet standpipe system shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet above the lowest level of the Falcon Fire Department's vehicle access, or where the floor level of the lowest story is located more than 30 feet below the highest level of Falcon Fire Department's vehicle access."

Section 905.3.1 Building Height. Delete all "exceptions" and replace with the following: "Exception: Manual dry standpipes are allowed in open parking garages that are subject to freezing temperatures, provided that the hose connections are located so that all portions of the building are within 30 feet (9144 mm) of a nozzle attached to 100 feet (30 480 mm) of hose."

Section 905.3.2 Group A. Amend Section 905.3.2 by deleting Exception 2.

Section 905.3.4 Stages. Delete entire Section 905.3.4.

Section 905.3.4.1 Hose and Cabinet. Delete entire Section 905.3.4.1.

Section 905.3.5 Underground Buildings. Amend Section 905.3.5 to read as follows: “905.3.5 Underground Buildings. Underground buildings shall be equipped throughout with a Class I standpipe system.”

SECTION 906 – PORTABLE FIRE EXTINGUISHERS

Table 906.1(1) Additional Required Portable Fire Extinguishers. Amend Table 906.1 to read as follows:

TABLE 906.1 - PORTABLE FIRE EXTINGUISHER REQUIREMENTS

CODE SECTION	SUBJECT	SIZE	LOCATION	
303.5	ASPHALT KETTLES	40-B:C 40-B:C	WITHIN 25' OF EACH KETTLE – MAXIMUM TRAVEL DISTANCE 75'	
307.4	OPEN BURNING	4-A	ON SITE – WITHIN 100' OF BURN SITE	
308.4	OPEN FLAMES – REMOVING PAINT	4-A	4-A or (TWO) 2-A ON PREMISES WITHIN 75'	
308.4	OPEN FLAMES – ALL OTHERS	2-A:10-B:C	ON SITE – WITHIN 75'	
309.4	POWERED INDUSTRIAL TRUCKS – BATTERY CHARGING AREA	4-A:20-B:C	ON SITE – WITHIN 75'	
1105.2	AIRCRAFT TOWING VEHICLES	20-B:C	ON VEHICLE IN ACCESSIBLE LOCATION	
1105.3	AIRCRAFT WELDING APPARATUS	2-A:20-B:C	ON VEHICLE IN ACCESSIBLE LOCATION	
1105.4	AIRCRAFT FUEL-SERVICING TANK VEHICLES	20-B:C	TWO ON VEHICLE IN ACCESSIBLE LOCATIONS – ONE ON EACH SIDE	
1105.5	AIRCRAFT HYDRANT FUEL – SERVICING VEHICLES	20-B:C	ON VEHICLE IN ACCESSIBLE LOCATION	
1105.6	AIRCRAFT FUEL-DISPENSING STATIONS	20-B:C 80-B:C 80-B:C	< 200 GPM - TWO UNITS. 200 > 350 GPM – ONE WHEELED UNIT. > 350 GPM – TWO WHEELED UNITS	ON SITE – WITHIN 75'
1107.7	HELIPORTS AND HELISTOPS	80-B:C	TAKE-OFF/LANDING AREAS/PARKING AREAS	
1208.4	DRY CLEANING PLANTS	2-A:10-B:C	TWO UNITS NEAR EXIT DOORS INSIDE DRY CLEANING ROOMS – MAX TRAVEL DISTANCE 50'	
1415.1	BUILDINGS UNDER CONSTRUCTION OR DEMOLITION	2-A:10-B:C	EACH STAIRWAY ON ALL FLOOR LEVELS	
		10-B:C	WITHIN 30' - ALL STORAGE ROOMS/AREAS & CONSTRUCTION SHEDS	
		20-B:C	WITHIN 50' - ALL STORAGE ROOMS/AREAS & CONSTRUCTION SHEDS	
		10-B:C	WITHIN 30 FT - ALL SPECIAL HAZARDS – INCLUDING BUT NOT LIMITED TO STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS	

		20-B:C	WITHIN 50 FT - ALL SPECIAL HAZARDS – INCLUDING BUT NOT LIMITED TO STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS	
1417.3	ROOFING OPERATIONS	3-A:40-B:C	ON ROOF - MAXIMUM TRAVEL DISTANCE 75 FT	
1504.6.4	SPRAY-FINISHING OPERATIONS	40-B:C 80-B:C	WITHIN 30'. WITHIN 50'.	OF SPRAYING AREA
1505.5	DIP-TANK OPERATIONS	40-B:C 80-B:C	WITHIN 30'. WITHIN 50'.	OF DIP TANK
1904.2	LUMBERYARDS/ WOODWORKING FACILITIES	40-B:C 80-B:C	WITHIN 30'. WITHIN 50'.	OF SHAVING OR SAWDUST PRODUCING MACHINERY
1908.8	RECYCLING FACILITIES	4-A:60-B:C	ON ALL EQUIP. & VEHICLES WORKING ON PILES ON ALL PROCESSING EQUIPMENT	
1909.5	EXTERIOR LUMBER STORAGE	4-A	1 UNIT PER 1000 SQ. FT, 75 FT MAX. TRAVEL DISTANCE	
2003.5	ORGANIC-COATING AREAS	40-B 80-B	WITHIN 30' OF AREA WITHIN 50' OF AREA	
2106.3	INDUSTRIAL OVENS	2-A:10-B:C	WITHIN 30' OF OVEN & RELATED EQUIPMENT	
2205.5	MOTOR FUEL-DISPENSING FACILITIES	2-A:20-B:C	WITHIN 75' OF PUMPS, DISPENSERS, OR STORAGE TANK FILL OPENINGS	
2210.6.4	MARINE MOTOR FUEL-DISPENSING FACILITIES	20-B:C	ON EACH FLOAT ON PIER OR WARF WITHIN 25' OF DISPENSER	
2211.6	REPAIR GARAGES	10-B 20-B	30' MAXIMUM TRAVEL DISTANCE 50' MAXIMUM TRAVEL DISTANCE	
2306.10	RACK STORAGE		* SEE TABLE 906.3(1) AND 906.3(2)	
2404.12	TENTS, CANOPIES AND MEMBRANE STRUCTURES		* SEE TABLE 906.3(4)	
2508.2	TIRE REBUILDING/ STORAGE	2-A:20-B:C	MAX TRAVEL DISTANCE 50 FT AND ON FUEL-FIRED VEHICLES OPERATING IN THE STORAGE YARDS ONE UNIT TO BE ATTACHED IN ACCESSIBLE LOCATION	
2604.2.6	WELDING AND OTHER HOT WORK	2-A:20-B:C	WITHIN 30' OF WORK AREA	
2903.6	COMBUSTIBLE FIBERS	4-A	WITHIN 75'	
3308.11	FIREWORKS - RETAIL DISPLAY & SALES	4-A	NO CLOSER THAN 10' - NO MORE THAN 15' OF DISPLAY – PRESSURIZED WATER PORTABLE EXTINGUISHER(S) ONLY	
3403.2.1	FLAMMABLE AND COMBUSTIBLE LIQUIDS, GENERAL		* SEE TABLE 906.3(2)	
3404.3.3.1	INDOOR STORAGE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS		* SEE TABLE 906.3(2)	
3404.3.7.5.2	LIQUID STORAGE ROOMS - FLAMMABLE & COMBUSTIBLE LIQUID STORAGE	20-B	NO CLOSER THAN 10' - NO MORE THAN 50'	
3405.4.9	SOLVENT DISTILLATION UNITS	40-B	NO CLOSER THAN 10' - NO MORE THAN 30'	
3406.2.7	FARMS & CONSTRUCTION SITES – FLAMMABLE & COMBUSTIBLE LIQUIDS	20-B:C	MAX TRAVEL DISTANCE 75'	
3406.4.10.1	BULK PLANTS & TERMINALS FOR FLAMMABLE & COMBUSTIBLE LIQUIDS	20-B	WITHIN 75' OF HOSE CONNECTIONS, PUMPS, & SEPARATOR	
3406.5.4.5	COMMERCIAL, INDUSTRIAL, GOVERNMENT, OR MANUFACTURING ESTABLISHMENTS – FUEL DISPENSING	40-B:C	ON VEHICLES IN ACCESSIBLE LOCATION	
3406.6.4	TANK VEHICLES FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS	2-A:20-B:C	ON VEHICLES IN ACCESSIBLE LOCATION	
3606.5.7	FLAMMABLE SOLIDS	PROVIDE ONE OF THE FOLLOWING	WITHIN 30', A SUPPLY OF EXTINGUISHING MATERIALS IN AN APPROVED CONTAINER WITH A HAND SCOOP OR SHOVEL FOR APPLYING THE MATERIAL OR A PORTABLE FIRE EXTINGUISHER WITHIN A 75' TRAVEL DISTANCE, COMPLYING WITH	

SECTION 906			
3808.2	LP-GAS	10-B:C	MOBILE UNITS WITH KITCHEN AND CATERING
		18 LBS OF DRY CHEMICAL – B:C	INDUSTRIAL PLANT, BULK PLANT, DISTRIBUTING POINT

Table 906.3(4) Portable Fire Extinguishers for Tents and Air Supported Structures. Add a new Table 906.3(4) to read as follows:

TABLE 906.3(4) PORTABLE FIRE EXTINGUISHERS FOR TENTS AND AIR SUPPORTED STRUCTURES

FROM (SQUARE FEET)	TO (SQUARE FEET)	QUANTITY (EACH) 2-A:10-B:C FIRE EXTINGUISHERS
0	200	1
201	500	2
501	1000	3
1001	3000	4
3001	5000	5
5001	7000	6
7001	9000	7
9001	11000	8
FOR EACH ADDITIONAL 2000 SQUARE FEET OR FRACTION THEREOF, ONE ADDITIONAL 2-A:10-B:C FIRE EXTINGUISHER IS REQUIRED		

SECTION 907 – FIRE ALARM AND DETECTION SYSTEMS

Section 907.2.6.1.1 Alternative Design. Add a new Section 907.2.6.1.1 to read as follows: “907.2.6.1.1. Alternative Design. As an alternative design, addressable system smoke detectors may be used in patient rooms. In such case, a visual notification in the corridor shall not be required and the patient room detector shall initiate building alarm. A remote annunciator shall be located at the respective nurses’ station.”

Section 907.2.14 High-Piled Combustible Storage Areas. Delete this section in its entirety.

Section 907.4.4 Signs. Amend Section 907.4.4 to read as follows: “907.4.4. Signs. Where fire alarm systems are not monitored by a supervising station, an approved permanent sign shall be installed adjacent to each manual fire alarm box that reads: FIRE ALARM – CALL 911.”

Section 907.15 Monitoring. Amend Section 907.15 by deleting Exception #2.

SECTION 910 – SMOKE AND HEAT VENTS

Section 910.3.1.2 Sprinklered Buildings. Amend Section 910.3.1.2 to read as follows: “910.3.1.2. Sprinklered Buildings. Where installed in buildings equipped with an approved automatic sprinkler system, smoke and heat vents shall be designed to operate automatically by activation of a heat-responsive device rated at least 100 degrees above the operating temperature of the fire sprinkler heads in the immediate vicinity of the vent. Vents also shall be manually operable from the exterior by an approved means.”

SECTION 912 – FIRE DEPARTMENT CONNECTIONS

Section 912.2.1 Visible Location. Amend Section 912.2.1 to read as follows: “912.2.1. Visible Location. Fire department connections shall be located on the front entrance and/or addressed side of buildings, fully visible and recognizable from the street or nearest point of fire department vehicle access or as otherwise approved by the Fire Code Official. The connection(s) shall be located within 40 feet of an approved fire department access road and within 100 feet of a fire hydrant capable of supplying the required fire flows of the fire protection system.”

Section 912.2.3 Indicating Devices. Add a new section 912.2.3 to read as follows: “912.2.3 Indicating Device. A highly visible, listed horn/strobe indicating device shall be located within 20 feet of the fire department connection and shall activate upon water flow through the sprinkler system.”

Section 912.2.4 Inlets. Add a new Section 912.2.4 to read as follows: “912.2.4. Inlets. There shall be a minimum of a siamese connection with one additional 2 ½” connection for every 250 gallons per minute (gpm) of sprinkler demand.”

Exception: As allowed by NFPA 13R.”

Section 912.4.1 Signage Specifics. Add a new Section 912.4.1 to read as follows: “912.4.1. Signage Specifics. Fire department connections and their identifying horn/strobes shall be provided with adequate signage

posted as needed to properly indicate the exact device type and exact area(s) served, and shall comply with Section 511 as amended.”

Section 912.3.1 KNOX™ FDC Caps. Amend Section 912.3.1 to read as follows: “912.3.1. KNOX™ FDC Caps. Fire Department Connections shall be secured with a KNOX™ FDC Caps. Existing building owners shall have up to six months after the adoption of this amendment to install these caps.

MEANS OF EGRESS (CHAPTER 10)

SECTION 1004 – OCCUPANT LOAD

Table 1004.1.2 Maximum Floor Area Allowances Per Occupant.

Amend Table 1004.1.2 as follows: Add a new row – “Beauty Care Business – 50 gross.” Add the following footnote applicable to the entire table: “a. When an intended occupancy or use is not listed, the occupancy or use that most nearly resembles the intended occupancy or use shall be selected.”

SECTION 1007 – ACCESSIBLE MEANS OF EGRESS

Section 1007.2 Continuity and Components. Amend Section 1007.2 by deleting subparagraph 4 from the list of components.

Section 1007.5 Platform Lifts. Amend Section 1007.5 to read as follows: “1007.5. Platform Lifts. Platform (wheelchair) lifts shall not serve as a part of an accessible means of egress.” Delete the rest of the paragraph.

SECTION 1008 – DOORS, GATES AND TURNSTILES

Section 1008.1.4 Floor Elevations. Amend Section 1008.1.4, Exception 3, to read as follows:

“3. In Group R-3 occupancies, the landing at an exterior doorway shall not be more than 8 inches below the top of the threshold, provided the door, other than an exterior storm or screen door, does not swing over the landing.”

Section 1008.1.6 Thresholds. Amend Section 1008.1.6 by deleting the exception.

Section 1008.1.8.7 Stairway Doors. Delete the entire Section 1008.1.8.7.

Section 1008.1.9 Panic and Fire Exit Hardware. Amend Section 1008.1.9 by changing the number “100” in the second paragraph to “50”.

SECTION 1009 – STAIRWAYS AND HANDRAILS

Section 1009.1 Stairway Widths. Amend Section 1009.1 by deleting Exception 4.

Section 1009.3 Stair Treads and Risers. Amend Section 1009.3, Exception 5, to read as follows:

“5. In occupancies in Group R-3, as applicable in Section 1001.1, within dwelling units in occupancies in Group R-2, as applicable in Section 1001.1, and in occupancies in Group U, which are accessory to an occupancy in Group R-3, as applicable in Section 1001.1, the maximum riser height shall be 8 inches and the minimum tread depth shall be 10 inches, the minimum winder tread depth at the walk line shall be 9 inches, and the minimum winder tread depth shall be 6 inches. A nosing not less than 0.75 inch but not more than 1.25 inches shall be provided on stairways with solid risers where the tread depth is less than 11 inches.”

Section 1009.5.2 Outdoor Conditions. Amend Section 1009.5.2 by deleting the second sentence.

SECTION 1010 - RAMPS

Section 1010.7.2 Outdoor Conditions. Amend Section 1010.7.2 by deleting the second sentence.

Section 1012.2 Height. Amend Section 1012.2 by adding the following exception:

“3. For occupancies in Group R-3, and within individual dwelling units in occupancies in Group R-2, both as applicable in Section 1012.2, guards may be not less than 36 inches in height.”

Section 1012.5 Mechanical Equipment. Delete the existing Section 1012.5.

SECTION 1016 - CORRIDORS

Table 1016.1 Corridor Fire-Resistance Rating. Amend Table 1016.1 as follows: In the occupancy row designated as “R”, delete “0.5” from the “With Sprinkler System” column and replace with “1”.

SECTION 1025 – EMERGENCY ESCAPE AND RESCUE

Section 1025.2 Minimum Size. Amend Section 1025.2 to read as follows: “Emergency escape and rescue openings shall have a minimum net clear opening of 4.5 square feet, and delete the exception.”

Section 1025.2.1 Minimum Dimensions. Amend Section 1025.2.1 by adding the following exception:

“Exception: A 3-foot wide by 4-foot high nominal single or double hung window with a minimum vertical opening of 19 inches and a minimum net clear opening of 4.5 square feet is approved.”

Section 1025.4 Operational Constraints. Amend Section 1025.4 by adding the following exception:

“Exception: Bars, grilles, grates, or similar devices are not permitted to be used in conjunction with hatches or covers as permitted in Section 1025.5.3, Exception 3.”

Section 1025.5.3 Clearance. Add a new Section 1025.5.3 to read as follows: “1025.5.3. Clearance. Horizontal projections above a window well are not permitted.

Exceptions:

- The minimum horizontal area of 9 square feet is provided clear of the projection and the horizontal projection of the operable portion of the egress window and ladder or steps, if required, remain clear of the projection.
- The vertical distance between the top edge of the window well and the bottom of the projection is at least 24 inches.
- Where the projection is a walking surface which provides a clear and discernible path of egress away from the building and provided with a hatch or cover providing a minimum net clear opening of 9 square feet which is releasable or removable from the window well side without the use of a key, tool or applied force greater than 30 pounds.”

FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION (CHAPTER 14)

Section 1404.5.1 Fees for Fire Watch. Add a new Section 1404.5.1 to read as follows: “1404.5.1. Fees for Fire Watch. For fire watch activities that involve fire department personnel and resources, a cost recovery fee shall be paid to the Fire Authority Having Jurisdiction at a rate established and adjusted by the Fire Authority Having Jurisdiction’s Board of Directors.”

HIGH-PILE COMBUSTIBLE STORAGE (CHAPTER 23)

SECTION 2301 – GENERAL

Section 2301.1.1 NFPA 13 Code Reference. Add a new Section 2301.1.1 to read as follows: “2301.1.1. *NFPA 13* Code Reference. Wherever the code references *NFPA 231*, and *NFPA 231C*, it shall be held to mean *NFPA 13*.”

SECTION 2302 – DEFINITIONS

Section 2302.1 Area Capable of Accommodating High-Pile Storage. Amend Section 2302.1 by adding the following definition: “Area Capable of Accommodating High-Pile Storage. Buildings containing an area capable of accommodating high-pile storage, but which is not being utilized as such, shall be maintained in accordance with Section 2311.”

SECTION 2306 – GENERAL FIRE PROTECTION AND LIFE SAFETY FEATURES

Table 2306.2 High-Pile Storage Requirements. Amend Table 2306.2 to read as follows:

TABLE 2306.2 HIGH-PILE STORAGE REQUIREMENTS

COMMODITY CLASS	SIZE OF HIGH-PILE STORAGE AREA ^a (SQUARE FEET) (SEE SECTIONS 2306.2 & 2306.4)	ALL STORAGE AREAS (See Sections 2306, 2307 and 2308) ^b					SOLID-PILED STORAGE, SHELF STORAGE & PALLETIZED STORAGE (SEE SECTION 2307.3)		
		Automatic fire-extinguishing system (SEE SECTION 2306.4)	Fire detection system (SEE SECTION 2306.5)	Building Access (SEE SECTION 2306.6)	Smoke & heat removal (SEE SECTION 2306.7)	Draft curtains ^h (SEE SECTIONS 2306.7 and 910.3.4)	Maximum pile dimension ^c (feet)	Maximum permissible storage height ^d (feet)	Maximum pile volume (cubic feet)
I – IV	0– 500	Not Required ^a	Not Required	Not Required ^e	Not Required	Not Required	Not Required	Not Required	Not Required
	501- 2,500	Not Required ^a	Not Required	Not Required ^e	Not Required	Not Required	100	40	100,000
	2,501-12,000	Yes	Not Required	Not Required ^e	Not Required	Not Required	100	40	400,000
	12,001-20,000	Yes	Not Required	Yes	Yes	Not Required	100	40	400,000
	20,001-500,000	Yes	Not Required	Yes	Yes	Not Required	100	40	400,000
	Greater than 500,000 ^f	Yes	Not Required	Yes	Yes	Not Required	100	40	400,000
HIGH – HAZARD	0-500	Not Required ^a	Not Required	Not Required ^e	Not Required	Not Required	50	Not Required	Not Required
	501-2,500	Yes	Not Required	Not Required ^e	Not Required	Not Required	50	30	75,000
	2,501-300,000	Yes	Not Required	Yes	Yes	Not Required	50	30	75,000
	300,001-500,000 ^{f, g}	Yes	Not Required	Yes	Yes	Not Required	50	30	75,000

^a. When automatic sprinklers are required for reasons other than those in Chapter 23, the portion of the sprinkler system protecting the high-pile storage area shall be designed and installed in accord with Sections 2307 and 2308.

^b. For aisles, see Section 2306.9

^c. Piles shall be separated by aisles complying with Section 2306.9.

^d. For storage in excess of the height indicated, special fire protection shall be provided in accord with Note ⁹ when required by the Fire Code Official. See also Chapters 28 and 34 for special limitations for aerosols and flammable and combustible liquids.

^e. Section 503 shall apply for fire apparatus access.

^f. Special fire protection provisions including, but not limited to, fire protection of exposed steel columns; increased sprinkler density; additional in-rack sprinklers, with-out associated reductions in ceiling sprinkler density; or additional fire department hose connections shall be provided when required by the Fire Code Official.

⁹. High-piled storage areas shall not exceed 500,000 square feet. A 2-hour fire-wall constructed in accord with the *International Building Code* shall be used to divide high-pile storage exceeding 500,000 square feet in area.

^h. Draft curtains are permitted ONLY in non-fire sprinkled structures as per Section 2306.7. and 910.3.4.

Section 2306.6.1.4 Keyed Access Doors. Add a new Section 2306.6.1.4 to read as follows: “2306.6.1.4. Keyed Access Doors. All access doors leading into high-pile portions of structures must be provided with keyed locks that allow for immediate access into the structures. Master keys to locks are to be provided in the required on-site Knox™ box.”

CRYOGENIC FLUIDS (CHAPTER 32)

SECTION 3204 – STORAGE

Section 3204.3.1.1 Location. Storage of flammable cryogenic fluids in stationary containers is prohibited in all areas of the fire response area with a population density of one living dwelling unit or greater per acre. In the event of a conflict with Colorado State of Federal Environmental Protection Agency regulations the more stringent regulation shall apply.

FLAMMABLE AND COMBUSTIBLE LIQUIDS (CHAPTER 34)

SECTION 3404 - STORAGE

Section 3404.2.9.5.1 Locations where Above Ground-Tanks are Prohibited. Amend Section 3404.2.9.5.1 to read as follows: “3404.2.9.5.1. Locations Where Above ground Tanks are Prohibited. Storage of Class I and Class II liquids in above ground tanks outside buildings is prohibited in all areas of the Fire response area with a population density of one living unit or greater per acre. In the event of a conflict with Colorado State of Federal Environmental Protection Agency regulations the most stringent regulation shall apply.

EXCEPTION: Tanks legally in existence at the time of adoption of this code, providing they do not pose significant fire or safety hazards.

SECTION 3406 – SPECIAL OPERATIONS

Section 3406.2.4.4 Locations where Above Ground-Tanks are Prohibited. Amend Section 3406.2.4.4. to read as follows: “3404.2.4.4. Locations Where Above Ground Tanks are Prohibited. Storage of Class I and Class II liquids in above ground tanks outside buildings is prohibited in all areas of the fire response area with a population density of one living unit or greater per acre. In the event of a conflict with Colorado State of Federal Environmental Protection Agency regulations the most stringent regulation shall apply.

EXCEPTION: Tanks legally in existence at the time of adoption of this code, providing they do not pose significant fire or safety hazards.

REFERENCED STANDARDS (CHAPTER 45)

Section 4501 Standards. Add a new Section 4501 to read as follows: “Section 4501. Standards.”

Section 4501.1 Adoption of International Fire Code Referenced Standards. Add a new Section 4501.1 to read as follows: “4501.1. Adoption of *International Fire Code* Referenced Standards. In every case where this code references *NFPA* standards, the most current edition of the *NFPA* standards are hereby adopted and shall control. The current edition shall become effective on January 1 of the year following the *NFPA*’s effective date for the standard.”

Section 4501.2 Code Reference. Add a new Section 4501.2 to read as follows: “4501.2. Code Reference. Wherever the code references *NFPA 231* and *NFPA 231C*, it shall be held to mean *NFPA 13*.”

APPENDIX A Board of Appeals

Section A101.2 Membership. Delete Section A101.2 and replace with the following. “A101.2 Membership. The Fire Board of Appeals shall be comprised of five members of a voting body with qualifications established by the Fire Chief. Members shall be nominated by the Fire Chief and subject to confirmation by a majority vote of the governing body. Members shall serve without remuneration or compensation, and shall be removed from office prior to the end of their appointed terms only for cause.”

APPENDIX B

Fire Flow Requirements for Buildings

Section B105.1 One- and Two-Family Dwellings. Delete Section 105.1 in its entirety.

Section B105.2 Buildings Other than One- and Two-Family Dwellings. Amend the title of Section B105.2 to read as follows: “B105.2 Buildings and Residential Structures”.

Section B105.2 Buildings Other than One- and Two-Family Dwellings. Delete the last sentence in the *Exception* of Section B105.2

APPENDIX C

Fire Hydrant Locations and Distribution

Section C105.2 Fire Department Connections (FDC's). Add a new Section C105.2 to read as follows: "C105.2 Fire Department Connections (FDC's). Unless approved by the Fire Code Official, dead end mains shall not be used when all of the following are located on a single tap main:

- Automatic fire sprinkler systems.
- Fire hydrants supporting the Fire Department Connection.
- Fire hydrants required for external fire protection."

APPENDIX D Fire Apparatus Access Roads

Section D103.1 Access Road Width with a Hydrant. Delete Section D103.1 in its entirety.

Figure D103.1 Dead-End Fire Apparatus Access Road Turnaround. Delete Figure D103.1 and replace with the following:

FIGURE D103.1 MINIMUM DEAD-END FIRE APPARATUS ACCESS ROAD TURNAROUND.

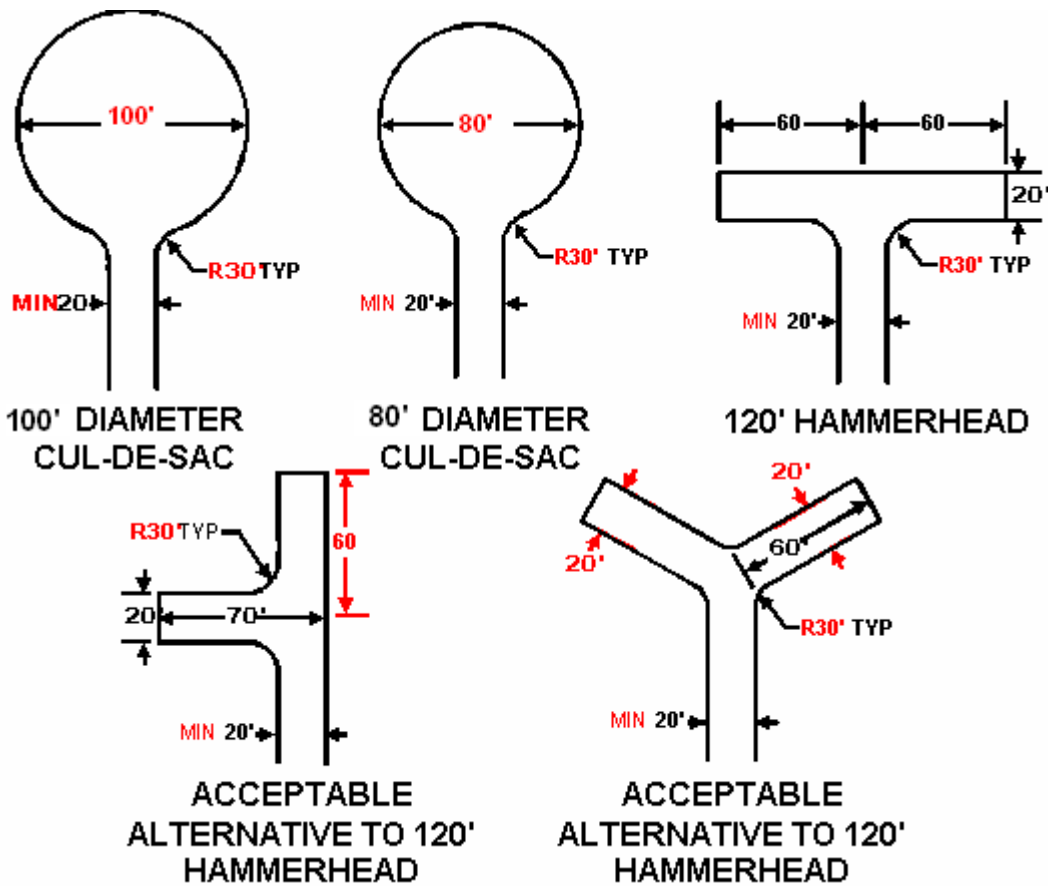


Table D103.4 Requirements for Dead-End Fire Apparatus Access Roads. Delete Table D103.4 and replace with the following:

TABLE D103.4 – MINIMUM REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS

DEAD-END LENGTH (FEET)	MINIMUM ROAD WIDTH (FEET)	APPROVED TURNAROUND OPTIONS (See Figure D103.1)
0 - 150	20	NONE REQUIRED
151 – 500	20	1) 120-FOOT HAMMERHEAD 2) 60-FOOT “Y” 3) 80- FOOT DIAMETER CUL-DE-SAC FOR DEAD-ENDS WITH CURB AND GUTTER 4) 100-FOOT DIAMETER CUL-DE-SAC FOR DEAD-ENDS WITHOUT CURB AND GUTTER
501 – 750	20	100-FOOTDIAMETER CUL-DE-SAC (ADDITIONAL INTERMEDIATE TURNAROUNDS MAY BE REQUIRED)
OVER 750		SPECIAL FIRE DEPARTMENT APPROVAL IS REQUIRED.

Section D103.5 Fire Apparatus Access Road Gates. Amend Item 1 in Section D103.5 to read as follows: “1. The minimum gate width shall be sixteen feet (16’), or as wide as necessary to facilitate the required minimum turning radius.”

Amend Item 6 to read as follows: “Manual opening gates shall not be locked with a padlock or chain and padlock unless they are capable of being opened by means of forcible entry tool. Knox™ padlocks are an acceptable alternative.”

Section D103.6 Fire Apparatus Access Road Marking. Amend Section D103.6 to read as follows: “D103.6. Fire Apparatus Access Road Marking. Where required by the Fire Code Official, fire apparatus access roads shall be provided with permanent no parking fire lane markings in accord with this section by either striping in accordance with Section D103.7 as amended and/or with signs in accordance with Section D103.8.as amended.

Section D103.6.1 Roads 20 to 26 Feet in Width. Amend Section D103.6.1 to read as follows: “D103.6.1. Roads Less than Twenty-eight (28’) Feet in Width. Fire apparatus access roads less than 28 feet wide shall be marked on both sides as a fire lane.”

Section D103.6.2 Roads More than 26 Feet in Width. Amend Section D103.6.2 to read as follows: “D103.6.2. Roads at Least Twenty-Eight Feet (28’) in Width and Less than Thirty-four Feet (34’) in Width. Fire apparatus access roads at least 28 feet wide and less than thirty-four feet (34’) wide shall be marked on one side of the road as a fire lane.”

Section D103.6.3 Roads at Least Thirty-four Feet in Width. Add a new Section D103.6.3 to read as follows: “D103.6.3. Roads at Least Thirty-four Feet (34’) in Width. Fire apparatus access roads at least 34 feet wide shall not require marking as a fire lane.”

Section D103.7 Striping. Add a new Section D103.7 to read as follows: “D103.7. Striping. When striping is used to identify fire apparatus access roads, the striping shall consist of painted lines of red traffic paint six inches in width to show the boundaries of the lane. The words “No Parking Fire Lane” shall appear in four inch white reflective letters having a 0.75 inch stroke and spaced at twenty-five feet intervals on the red traffic paint. Striping shall be located along one or both sides of the fire apparatus access road. Where a curb is available, the striping shall be on the vertical face of the curb.”

Figure D103.7 Striping Standard. Add a new Figure D103.7 as follows:

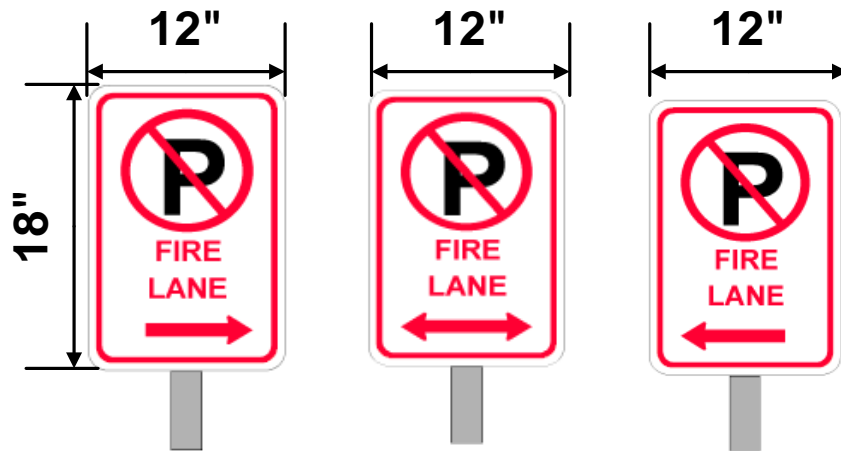
FIGURE D103.7 FIRE LANE STRIPING



Section D103.8 Signs. Add a new Section D103.8 to read as follows: “D103.8. Signs. Signs shall be permanent bearing the words “No Parking Fire Lane”. Signs shall have a white background with letters and borders in red, using not less than two inch lettering and have a minimum dimension of twelve inches wide by eighteen inches high. Signs shall provide directional arrows as applicable unless otherwise permitted. Signs shall be posted on one or both sides of the fire apparatus access road as required. Signs shall indicate the beginning and ending of the fire apparatus access road and shall be spaced no more than two hundred feet apart. Additional signs may be required at changes in roadway direction. Signs may be installed on permanent buildings or wall or as approved by the Fire Code Official.

Figure D103.8 Fire Lane Signs. Add a new Figure D103.8 as follows:

FIGURE D103.8 FIRE LANE SIGNS



Section D105 Aerial Fire Apparatus Access Roads. Delete Section D105 in its entirety.

Section D106 Multiple-Family Residential Developments. Amend the title of Section D106 to read as follows: "R-1 and R-2 Residential Developments."

Section D107 One- or Two-Family Residential Developments. Delete Section D107 in its entirety.

APPENDIX H URBAN-WILDLAND INTERFACE AREAS

Many of the sections in this appendix were taken from the 2003 International Urban-Wildland Interface Code

SECTION H101 - GENERAL

H101.1 Scope. This appendix is specific to the Urban-Wildland Interface Area, as designated by the Fire Authority Having Jurisdiction.

H101.2 Objective. The objective of this appendix is to develop minimum regulations consistent with nationally recognized good practice for the safeguarding of life and property within the designated urban-wildland interface area. Regulations in this appendix are intended to mitigate the risk to life and fire exposures from adjacent structures and to mitigate structure fires from spreading to wildland fuels. Safeguards to prevent the occurrence of fires and to provide adequate fire protection facilities to control the spread of fire in urban-wildland interface area shall be in accordance with this appendix. Specific criteria to the designated urban-wildland interface areas and provide the necessary fire protection measures to reduce the threat.

SECTION H102 – URBAN-WILDLAND INTERFACE AREA DESIGNATION

H102.1 Declaration. The Fire Authority Having Jurisdiction shall declare the urban-wildland interface area within the jurisdiction. The urban-wildland interface area shall be made through an assessment of fuel types and physical characteristics affecting wildland fire behavior.

H102.2 Mapping. The urban-wildland interface area shall be recorded on maps and filed with the clerk of the jurisdiction. These areas shall become effective immediately thereafter.

H102.3 Review of Urban–Wildland Interface Areas. The Fire Code Official shall reevaluate and recommend modification to the urban-wildland interface area on a three-year basis or more frequently as deemed necessary.

SECTION H103 – PLANS AND SPECIFICATIONS

H103.1 Site Plans. In addition to the requirements for plans in the *International Building Code* adopted by El Paso County, site plans shall include topography, width and percent of grade of access roads, landscape, vegetation details including proposed defensible space, locations of structures or building envelopes, existing or proposed overhead utilities, occupancy classification of buildings, structures and there appendages, roof classification of buildings, site water supply systems and any thing

else deemed necessary by the Fire Code Official. All site plans shall be submitted and approved by the Fire Code Official prior to the issuance of the building permit and prior to combustible construction materials being delivered to the site.

SECTION H104 – URBAN WILDLAND-INTERFACES ACCESS REQUIREMENTS

H104.1 Access Roads and Driveways. Access roads and driveways shall become fire apparatus access roads when any portion of an exterior wall of the first story of a building is located more than 150 feet from a public owned road. Fire apparatus access roads shall provide a minimum unobstructed width of 12 feet and a minimum unobstructed height of 13 feet 6 inches.

Fire apparatus access roads in excess of 150 feet in length shall be provided with an approved turn-a-round.

Fire apparatus access roads in excess of 200 feet in length and less than 20 feet in width shall be provided with turnouts in addition to turnarounds.

All fire apparatus access roads shall be all-weather surfacing, capable of supporting HS-20 loading and acceptable to the Fire Code Official.

H104.2 Grade. Fire apparatus access roads and driveways shall not exceed 10 percent grade

SECTION H105 - SIGNS AND ADDRESS MARKERS

H105.1 Marking of Roads. Approved signs or other approved notices shall be provided and maintained for fire access roads and driveways to identify such roads and prohibit the obstruction thereof or both.

All road identification signs and supports shall be of non combustible materials. Signs shall have minimum four inch, high reflective letters with a 0.5 inch stroke on a contrasting six inch high sign. Road identification signage shall be mounted at a height of seven feet from the road surface to the bottom of the sign.

H105.2 Address Markers. Refer to Section 505 of the International Fire Code as amended by the Fire Authority Having Jurisdiction.

H105.3 Multiple Addresses. Where multiple addresses are required at a single driveway, they shall be displayed in a manner that is approved by the Fire Code Official. Where a single driveway divides away from the public access road, additional signs

shall be provided at the junction in accordance with Section 505.1.1.2 as amended by the Fire Authority Having Jurisdiction.

SECTION H106 - WATER SUPPLY AND FIRE SPRINKLERS

H106.1 Adequate Water Supply. Refer to Appendix B of the 2003 International Fire Code as amended by the Fire Authority Having Jurisdiction.

H106.2 Automatic Fire Sprinkler Systems. Refer to Section 903.2.7.1 of the 2003 International Fire Code as amended by the Fire Authority Having Jurisdiction.

SECTION H107 – BUILDING CONSTRUCTION REGULATION

Section H107.1 General. Buildings and structures hereafter constructed, modified or relocated into or within the designated urban-wildland interface area shall meet the construction requirements of the *International Building Code* adopted by El Paso County and this section. When attempting to determine a gross square footage all portion of a structure are included, including appendages and projections such as decks and covered porches.

Section H107.2 Roofing. All structures re-roofed or constructed after the adoption of this code and located within the determined urban wildland-interface shall be roofed with a Class A roof covering or a Class A roof assembly (Solid wood roofing materials, i.e. wood shakes and wood shingles shall not be used).

Section H107.3 Replacement or Repair of Roof Coverings. The roof covering on buildings or structures in existence prior to the adoption of this section that are replace or have 25 percent or more replaced in a 12 month period shall be replaced with a Class A roof covering or a Class A roof assembly (excluding solid wood roofing, i.e. wood shakes and wood shingles).

SECTION H108 – DEFENSIBLE SPACE REQUIREMENTS

Section H108.1 Defensible Space. Structures located in the urban-wildland interface area shall be clear of all vegetation by a distance of not less than 10 feet. This distance may be increased by the Fire Code Official, upon reviewing site specific conditions. In addition to the 10 feet of clear space a safety zone of not less than thirty (30) feet in all directions from the structure shall be maintained. The safety zone consist of small brush patches, not exceeding one hundred (100) square feet and fifteen (15) lineal feet in any direction.

All vegetation shall be kept in a fire safe manner; to include pruning limbs located less than 6 feet above the ground surface. Adequate thinning shall occur so that trees do not have overlapping limbs.

Tree branches shall not extend over or under roof eaves or decks and shall not be within 15-feet of a wood burning appliance or chimney.

Section H108.2 Person Responsible for Defensible Space. The person that is responsible for maintaining the defensible space around a building or a structure is the person(s) owning, leasing, controlling, operating or maintaining buildings or structures that require defensible space. This said person is responsible for maintaining, modifying or removing nonfire-resistive vegetation in accordance with Section H108.3.

Section H108.3 Maintenance of Defensible Space. Non-fire resistive vegetation or growth shall be kept clear of buildings or structures in accordance with this section, in such a manner as to provide a clear area for fire suppression operations. Maintenance of the defensible space shall include modifying or removing nonfire-resistive vegetation and keeping leaves, needles and other dead vegetative material regularly removed from roofs and buildings and structures. Deadwood and litter shall be regularly removed from trees.