

## Appendix – A

### Ellicott Fire Protection District

### Local Amendments to the

### 2015 International Fire Code

**Amend Section 101.1 to read as follows:**

**101.1. Title.** These regulations shall be known as the Fire Code of [the Ellicott Fire Protection District](#), hereinafter referred to as “this code.” (IFC)

**Amend Section 101.2.1 to read as follows:**

**101.2.1 Appendices.** [In conjunction with the adoption of the 2015 International Fire Code, the Ellicott Fire Protection District also adopt Appendixes A, B, C, and D as amended, as part of the provisions and requirements of this code. Appendixes E, F, G, H, I, J, K, L, and M are for reference only.](#)

**Add an exception to Section 102.5 (1):**

**102.5 Application of Residential Code.** Where structures are designed and constructed in accordance with the International Residential Code, the provisions of this code shall apply as follows:

1. Construction and design provisions of this code pertaining to the exterior of the structure shall apply including but not limited to, premises identification, fire apparatus access and water supplies. Where interior or exterior systems or devices are installed, construction permits required by Section 105.7 of this code shall also apply.

[Exception: This code shall not apply to the following residential structures: Detached one and two family dwellings designed and constructed under the International Residential Code built on unplatted \(legal lot\) of 1 acres or larger, on a lot platted as part of a subdivision containing four or fewer homes, on a lot platted as part of a subdivision recorded before December 10, 2013, or to factory built units \(Mobile homes and Modular homes\) that are certified by the state of Colorado; or constructed to federal standards; or accessory use structures.](#)

2. Administrative, operational and maintenance provisions of this code shall apply.

**Add a new Section 103.4.2 to read as follows:**

**103.4.2 Actions, liability and legal defense.** [The Colorado Governmental Immunity Act, Article 10 of Title 24 Colorado Revised Statutes, shall apply to the actions, liability and legal defense of any Fire Code Official, officer or employee charged with the enforcement of this code.](#)

**Amend Section 104.6 to read as follows:**

**104.6 Official records.** The fire code official shall keep official records as required by Sections 104.6.1 through 104.6.4. Such official records shall be retained for not less than ~~5~~ [seven \(7\)](#) years or for as long as the structure or activity to which such records relate remains in existence, unless otherwise provided by other regulations. (IFC)

**Add a new Section 105.3.5.1 to read as follows:**

**105.3.5.1 Work without permit.** [Whenever any activity requiring a permit commenced without the permit, a special investigation shall be conducted by the Fire Prevention Division and a citation shall be issued in accordance with section 109 of this code.](#)

**Add a new Section 105.3.6.1 to read as follows:**

**105.3.6.1 Liability.** The permittee shall indemnify the Fire Department, its officers, agents, and employees against any claim or liability arising from or based on the violation of this code or any other applicable law or regulation caused by any actions or omissions of the permittee arising out of the exercise of the activity authorized by the permit.

**Amend Section 105.6 to read as follows:**

**105.6 Required operational permits.** The fire code official is authorized to issue operational permits for the operations set forth in Sections 105.6.1 through 105.6.8. Sections 105.6.1 through 105.6.50 are deleted and renumbered as 105.6.1 through 105.6.8. Tables 105.6.9, 105.6.11, and 105.6.21 shall remain as is for use as referenced by other parts of this code.

**Amend and re-number Section 105.6.2:**

**105.6.1 Amusement buildings.** An operational permit is required to operate a special amusement building. (Temporary in nature) Exception: Permanently constructed amusement buildings that go through the standard plan review process and are intended to operate continually throughout the year.

**Re-number Section 105.6.6:**

**105.6.2 Carnivals and fairs.** An operational permit is required to conduct a carnival or fair. (IFC)

**Re-number Section 105.6.12:**

**105.6.3 Cutting and welding.** See section 105.6.23. Hot work operations. (IFC)

**Re-number Section 106.6.15:**

**105.6.4 Explosives.** An operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosives, explosive materials, fireworks or pyrotechnic special effects within the scope of Chapter 56. (IFC)

**Amend and re-number Section 105.6.16:**

**105.6.5 Fire hydrants and valves.** A Water District permit is required to use or operate fire hydrants or valves intended for fire suppression purposes that are installed on water systems and accessible to a fire apparatus access road that is open to or generally used by the public. (IFC)

Exception: A permit is not required for authorized employees of the water company that supplies the system or the fire department to use or operate fire hydrants or valves. (IFC)

**Amend and re-number Section 105.6.24:**

**105.6.6 Hot work operations.** An operational permit is required for hot work including, but not limited to:

1. Public exhibitions and demonstrations where hot work is conducted.
2. Use of portable hot work equipment inside an occupied structure.
3. Fixed-site hot work equipment, such as welding booths.
4. Hot work conducted within a wildfire risk area.

Exception: Work that is conducted under a construction permit.

5. Application of roof coverings with the use of an open-flame device. (IFC)
6. All organizations that employ welding, cutting, open torches and other hot work operations and equipment shall have a hot work permit program. This program allows supervisors to issue hot work permits to their employees and to ensure that basic safety measures are being taken during hot work operations. Supervisors shall ensure compliance with the requirements of chapter 35 of this code and NFPA 51B and issue a permit to the employee. These permits shall only be issued to their employees or hot work operations under their supervision. Organizations complying with sub-section 6 do not need an operational permit issued by the fire department.

**Re-number Section 105.6.32:**

**105.6.7 Open burning.** An operational 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. Instructions and stipulations of the permit shall be adhered to.

Exception: Recreational fires.

**Re-number 105.6.38:**

**105.6.8 Pyrotechnic special effect's material and display fireworks.** An operational permit is required for use and handling of pyrotechnic special effects material. An operational permit is required for the storage, handling, sales and use of explosive material used in fireworks displays or for pyrotechnic special effect activities or flame effects before a proximate audience within the scope of Chapter 56 (See Section 105.6.4). An operational permit per 105.6.15 is required for the temporary storage and retail sale of consumer fireworks, 1.4G allowed by Section 5601.1.3. (IFC)

**Amend Section 105.7.1 to read as follows:**

**105.7.1 Automatic fire-extinguishing systems.** A construction permit is required for installation of or modification to an automatic fire-extinguishing system, including but not limited to, fire sprinkler systems, fixed fire protection systems and [commercial kitchen hood fire protection](#) systems. Maintenance performed in accordance with this code is not considered to be a modification and does not require a permit. (IFC)

[Exception: 13D sprinkler systems installed in 1 & 2 family dwellings built under the International Residential Code, townhomes with 4 or less units built under the International Residential Code, manufactured mobile homes and modular homes.](#)

**Amend Section 105.7.3 to read as follows:**

**105.7.3 Compressed gases.** Where the compressed gases in use or storage exceed the amounts listed in Table 105.6.9, [and Carbon Dioxide applications over 100 Lbs. \(875 CU FT at NTP\)](#), a construction permit is required to install, repair damage to, abandon, remove, place temporarily out of service, or close or substantially modify a compressed gas system.

Exceptions:

1. Routine maintenance.
2. For emergency repair work performed on an emergency basis, application for permit shall be made within two working days of commencement of work.

**Add an exception to Section 105.7.6:**

**105.7.6 Fire alarm and detection systems and related equipment.** A construction permit is required for installation of or modification to fire alarm and detection systems and related equipment. Maintenance performed in accordance with this code is not considered to be a modification and does not require a construction permit. (IFC)

[Exception: Group R-3, manufactured mobile homes, modular mobile homes and 1 & 2 family dwellings or townhomes built under the International Residential Code.](#)

**Add an exception to Section 105.7.8:**

**105.7.8 Flammable and combustible liquids.** A construction permit is required:

1. To install, repair or modify a pipeline for the transportation of flammable or combustible liquids.
2. To install, construct or alter tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and combustible liquids are produced, processed, transported, stored, dispensed or used in excess of 660 gallons. [Exception: agricultural properties over 35 acres.](#)

**Amend Section 105.7.12 to read as follows:**

**105.7.12 LP-gas.** A construction permit is required for installation of or modification to an LP-gas system [or LP-gas cylinder exchange](#). Maintenance performed in accordance with this code is not considered to be a modification and does not require a permit. (IFC)

**Amend Section 105.7.18 to read as follows:**

**105.7.18 Temporary membrane structures and tents.** A construction permit is required to erect an air-supported temporary membrane structure, a temporary stage canopy or a tent having an area in excess of ~~400~~ 1,400 square feet or greater. (IFC)

Exceptions:

1. Tents used exclusively for recreational camping purposes.
2. Funeral tents and curtains, or extensions attached thereto, when used for funeral services.
3. Tents and awnings open on all sides, which comply with all of the following:
  - 3.1. Individual tents shall have a maximum size of ~~700~~ 1,400 square feet (65 m2).
  - 3.2. The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet (3658 mm) shall not exceed ~~700~~ 1,400 square feet (130 m2) total.
  - 3.3. A minimum clearance of 12 feet (3658 mm) to structures and other tents shall be maintained. (IFC)

**Add a new Section 106.2.3 to read as follows:**

**106.2.3 Construction permits inspections.** The Fire Department shall inspect or cause to be inspected every construction project that the jurisdiction has approved a permit for prior to occupancy and/or use.

**Amend Section 107.3 to read as follows:**

**107.3 Recordkeeping.** A record of periodic inspections, tests, servicing and other operations and maintenance shall be maintained on the premises or other approved location for not less than 3 years, or a different period of time where specified in this code or referenced standards. Records shall be made available for inspection by the fire code official, and a copy of the records shall be provided to the fire code official upon request.

The fire code official is authorized to prescribe the form and format of such recordkeeping. A copy of such records is required to be filed with the fire code official. The records that must be filed are those specified in the standards and in the fire code and include those records specified in Chapter 5, Chapter 6, and Chapter 9 of this code.

**Amend Section 108.1 to read as follows:**

**108.1 Board of appeals established.** In order to hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be established by the provisions of Appendix A of this code. When hearing issues relative to this code, the board of appeals, shall operate in accordance with Appendix A of this code.

**Amend Section 109.4 to read as follows:**

**109.4 Violation penalties** (Within the Ellicott Fire Protection District). Any person 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 directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a Misdemeanor, punishable by a fine of not more than Three Hundred (\$300.00) dollars or by imprisonment not exceeding 90 Days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. 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.

**Amend Section 111.4 to read as follows:**

**111.4 Failure to comply.** Any person within the Ellicott Fire Protection District who shall continue any work after having been served with a stop work order, and/or persons operating or maintaining an occupancy, premises or vehicle subject to this code who allow a hazard to exist and/or fail to take immediate action to abate a hazard on such occupancy, premises or vehicle when ordered or notified to do so by the fire code official shall be liable to a fine of ~~not less than {AMOUNT} dollars or~~ not more than Three Hundred (\$300.00) dollars. 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. (IFC)

Exception: Such work that is directed to be performed in order to remove the violation or unsafe condition.

**Add a new Section 307.1.2 to read as follows:**

**307.1.2 Burn restrictions and burn bans.** The Fire Chief is authorized to issue a burn restriction or burn ban as deemed necessary when local conditions make recreational fires, open burning, other open flame or similar activities hazardous or objectionable.

**Add a new Section 307.2.2 to read as follows:**

**307.2.2 Air Quality Permits.** Air quality permits may be required by the State of Colorado Department of Health Air Quality Program for any type of open burning listed in Section 307. It is the responsibility of the permit holder to contact the State of Colorado Department of Health and/or the El Paso County Department of Health to determine if an Air Quality Permit is required.

**Add a new Section 307.4.1.1 to read as follows:**

**307.4.1.1 Bonfire Permit Required.** Bonfires include recreational and ceremonial fires that exceed the dimensional limits of a recreational fire or are conducted on public property outside of an approved fire pit shall require an open burning permit.

**Amend Section 307.4.2 to read as follows:**

**307.4.2 Recreational fires.** Recreational fires do not require a burn permit. Recreational Fires are fires conducted on private property and are enclosed in a permanently constructed fire pit made of non-combustible material such as stone, brick, concrete, metal container, or fire ring with dimensions of the pit to be less than 3 feet maximum inside diameter and 2 feet in height above ground or 2 feet in depth below ground with a maximum inside depth of 3 feet. All materials burned in the fire pit must fit inside the dimensional confines of the fire pit and shall not be permitted to extend above or outside of the fire pit. A metal grate or screen, with maximum ¼ inch openings, shall cover the pit at all times the fire is burning to prevent embers from escaping. Recreational fires shall not be conducted within 15 feet of a structure or combustible materials. Conditions which could cause a fire to spread to within 15 feet of a structure shall be eliminated prior to ignition. Burning of trash, rubbish and yard debris (leaves, weeds & grass clippings) is prohibited. All recreational burning shall comply with the administrative supplemental rules of the Fire Department.

**Amend Section 307.4.3 to read as follows:**

**307.4.3 Portable outdoor fireplaces.** Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 45 10 feet of a structure or combustible material. The use of the grate/screen is required.  
~~Exception: Portable outdoor fireplaces used at one and two family dwellings.~~

**Amend Section 311.1.1 to read as follows:**

**311.1.1 Abandoned premises.** Buildings, structures and premises for which an owner cannot be identified or located by dispatch of a certificate of mailing to the last known or registered address, which persistently or repeatedly become unprotected or unsecured, which have been occupied by unauthorized persons or for illegal purposes, or which present a danger of structural collapse or fire spread to adjacent properties shall be considered abandoned, declared unsafe and abated by demolition or rehabilitation in accordance with the International Property Maintenance Code and the International Building Code. These situations will be referred to the Building Department in accordance with the currently adopted Pikes Peak Regional Building Code Section RBC 112, and/or to the Code Enforcement Division for appropriate action.

**Amend Section 315.3.3 to read as follows:**

**315.3.3 Equipment rooms.** Combustible material shall not be stored in boiler rooms, mechanical rooms, electrical equipment rooms and/or in fire command centers as specified in Section 508.1.5. (IFC)

Exception: Where a mechanical room is of sufficient size to allow for storage, it will be permitted under the following guidelines:

- Storage of any type must remain a minimum of 3 feet away from any type of mechanical appliance, or its listed clearance, whichever is greater.
- Allowance of storage does not conflict with any other code(s).

•No hazardous materials, flammable or combustible liquids, flammable solids or other highly dangerous substances shall be stored in any mechanical room.

**Amend Section 315.4 to read as follows:**

**315.4 Outside storage.** Outside storage of combustible materials shall not be located within 10 feet (3048 mm) of a lot line or property line. Outside storage of combustible materials shall not be located within 6 feet of a building.

Exceptions:

1. The separation distance is allowed to be reduced to 3 feet (914 mm) for storage not exceeding 6 feet (1829 mm) in height.
2. The separation distance is allowed to be reduced where the fire code official determines that no hazard to the adjoining property or building exists. (IFC)

**Amend Section 401.1 to read as follows:**

**401.1 Scope.** Reporting of emergencies, coordination with emergency response forces, emergency plans and procedures for managing or responding to emergencies shall comply with the provisions of this section. (IFC)

~~Exception: Firms that have approved on-premises firefighting organizations and that are in compliance with approved procedures for fire reporting.~~

**Add a new Section 403.1.1 to read as follows:**

**403.1.1 Posting of fire evacuation plans:** Where a fire safety and evacuation plan is required by Sections 403.2, through 403.11.4, fire evacuation plans shall be posted in a conspicuous location approved by the fire code official.

**Amend Section 404.2.2 to read as follows:**

**404.2.2 Fire safety plans.** Fire safety plans shall include the following:

4. Floor plans identifying the locations of the following:
  - 4.1. Exits.
  - 4.2. Primary evacuation routes.
  - 4.3. Secondary evacuation routes.
  - 4.4. Accessible egress routes.
    - 4.4.1. Areas of refuge.
    - 4.4.2. Exterior areas for assisted rescue.
  - 4.5. Refuge areas associated with smoke barriers and horizontal exits.
  - 4.6. Manual fire alarm boxes.
  - 4.7. Portable fire extinguishers.
  - 4.8. ~~Occupant use~~ Hose stations. Hose valve/standpipe stations.
  - 4.9. Fire alarm annunciators and controls. (IFC)

**Amend Section 405.6 to read as follows:**

**405.6 Notification.** ~~Where required by the fire code official, p~~ Prior notification of emergency evacuation drills shall be given to the fire code official. (IFC)

**Amend Section 503.1 to read as follows:**

**503.1 Where required.** Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3 and Appendix D. (IFC)

**Amend Section 503.2 to read as follows:**

**503.2 Specifications.** Fire apparatus access roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.8 and Appendix D. (IFC)

**Amend Section 503.3 to read as follows:**

**503.3 Marking.** Where required by the fire code official, approved signs or other approved notices or markings that include the words NO PARKING—FIRE LANE shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. The means by which fire lanes are designated shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility.

Markings shall be provided for and maintained in accordance with section D103.6. (IFC)

**Amend Section 503.4 to read as follows:**

503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Sections 503.2.1 ~~and through-503.2.2,~~ Appendix “D” and any area marked as a fire lane as described in Section 503.3 shall be maintained at all times. (IFC)

**Amend Section 505.1 to read as follows:**

**505.1 Address identification.** New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than ~~4 inches (102 mm)~~ 5 inches (127 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained. Address numbers shall comply with the 2017 Pikes Peak Regional Building Code Section RBC312 – Enumeration Code.

**Amend Section 507.3 to read as follows:**

**507.3 Fire flow.** Fire flow requirements for buildings or portions of buildings and facilities shall be determined by an approved method. Reference Appendix B Fire-Flow Requirements for Buildings for requirements. (IFC)

**Amend Section 507.5 to read as follows:**

**507.5 Fire hydrant systems.** Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6. (Reference Appendix C Fire Hydrant Locations and Distribution for requirements.) (IFC)

**Amend Section 507.5.1 to read as follows:**

**507.5.1 Where required.** Where a portion of the facility the jurisdiction is more than ~~400 feet (122 m)~~ 500 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official. Exceptions:

1. For Group R-3 and Group U occupancies, the distance requirement shall be ~~600 feet (183 m)~~ 1,000 feet.
2. For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, the distance requirement shall be 600 feet (183 m).

**Add a new Section 507.5.4.1 to read as follows:**

**Section 507.5.4.1** It shall be unlawful for any person, firm, corporation, private or public agency to deny or delay access by the fire department to any fire protection water source that can be used for the suppression of fire or other emergency to include refilling of fire apparatus during or immediately after a fire or other emergency event that requires the use of water.

**Add a new Section 509.3 to read as follows:**

**509.3 Clear space around fire protection equipment.** A three (3) foot clear space shall be maintained in front of, to the side of, and around, fire protection equipment, to include all fire sprinkler riser assemblies, control valves, hose valves, fire alarm control panels, fire alarm annunciators, and power supply panels. This clear space shall include an unobstructed path of travel to the fire protection system appurtenances.

**Amend Section 605.5.1 to read as follows:**

## Appendix - A

**605.5.1 Power supply.** Extension cords shall be plugged directly into an approved receptacle, ~~power tap or multiplug adapter~~ and, ~~except for approved multiplug extension cords,~~ shall serve only one portable appliance.

**Amend Section 605.5.2 to read as follows:**

**605.5.2 Ampacity.** The ampacity of the extension cords shall be not less than the rated capacity of the portable appliance supplied by the cord. Extension cords used in non-residential applications shall have be minimum of 15 ampacity rating.

**Add a new Section 605.9.2 to read as follows:**

**605.9.2 Decorative holiday lighting.** Decorative holiday lighting is considered temporary wiring per NFPA 70. Decorative holiday lighting is allowed to be installed for a period to not exceed 90 Days.

Exceptions:

1. Group R-2, R-3 and R-4 Occupancies.
2. LED rope lighting.
3. In one and two family dwellings.

**Amend Section 605.10 to read as follows:**

**605.10 Portable, electric space heaters.** Where not prohibited by other sections of this code, portable, electric space heaters shall be permitted to be used in all occupancies other than Group E classrooms, Group I-2 and in accordance with Sections 605.10.1 through 605.10.4. (IFC)

Exception:

1. The use of portable, electric space heaters in which the heating element cannot exceed a temperature of 212°F (100°C) shall be permitted in nonsleeping staff and employee areas in Group I-2 occupancies. (IFC)
2. The use of portable, electric space heaters complying with sections 605.10.1 through 605.10.4 shall be permitted in Group E classrooms on a temporary basis not exceeding 90 days when approved by the fire code official.

**Add a new Section 901.1.1 to read as follows:**

**901.1.1 Approved Contractors.** All fire protection system, fire alarm system, fixed fire suppression system, hood suppression system, sprinkler system and extinguisher contractors shall be licensed by the PPRBD as a licensed contractor.

**Add a new Section 901.4.2.1 to read as follows:**

**901.4.2.1 Exceptions.** In buildings that do not require any other fire protection system by this code, the International Building Code or NFPA 101 the Life Safety Code, and the building has a KNOX box; a non-standard fire alarm system may be authorized. The non-standard fire alarm system shall be approved by the Fire Prevention Division and may have only one phone line and may be attached to an existing burglar alarm system.

**Add a new Section 901.11 to read as follows:**

**901.11 Clear space around fire protection equipment.** A Clear space around fire protection equipment shall be maintained per Section 509.3.

**Add a new Section 903.4.2.1 to read as follows:**

**903.4.2.1 Sprinkler water-flow alarm systems.** Sprinkler water-flow alarm systems shall be provided with a minimum of one interior audible and visual water-flow alarm notification appliance, and one pull station located in a normally occupied location. Additional initiating and/or notification devices may be required by the Fire Code Official. These systems shall also include an exterior audible and visual water-flow alarm appliance located within 10 feet of the FDC. Exterior audible and visual alarms shall have a sign below that states "Fire Alarm – When Alarm Sounds Call 911". In buildings with multiple separate tenants being served by the same automatic sprinkler system at least one interior audible and visual alarm appliance shall be placed in each tenant space.

Exceptions:

1. NFPA 13R systems only require one interior audio and visual water flow alarm appliance; occupant use pull stations are not required.
2. Group R-2 Apartment buildings with a common exterior breezeway need not be provided with a pull station.

**Amend Section 904.1.1 to read as follows:**

**904.1.1 Certification of service personnel for fire-extinguishing equipment.** Service personnel providing or conducting maintenance on automatic fire-extinguishing systems, other than automatic sprinkler systems, shall possess a valid certificate issued by an approved governmental agency, or other approved organization for the type of system and work performed. In accordance with Section 901.1.1.

**Amend Section 904.12.2 to read as follows:**

**904.12.2 System interconnection.** The actuation of the fire extinguishing system shall automatically shut down the fuel or electrical power supply to the cooking equipment. Any electrical receptacles that are located under the hood shall also be shut down. The fuel and electrical supply reset shall be manual.

**Amend Section 904.12.6 to read as follows:**

**904.12.6 Operations and maintenance.** Automatic fire extinguishing systems protecting commercial cooking systems shall be maintained in accordance with Sections 904.12.6.1 through ~~904.12.6.3~~ 904.12.6.4.

**Add a new Section 904.12.6.4 to read as follows:**

**904.12.6.4 Ventilation System Interconnection.** Upon activation of the commercial kitchen hood fire suppression systems, the exhaust for the hood shall remain on.

**Add a new Section 905.1.1 to read as follows:**

**905.1.1** The fire code official is authorized to require standpipes or hose valves on any new construction where the following conditions exist:

1. The distance from the primary access to any occupied portion of the building is more than 200 feet and there is not 360 degree fire apparatus access to the building.
2. The distance from the primary access to any occupied portion of the building is greater than 500 feet.

**Amend Section 905.3.1 to read as follows:**

**905.3.1 Height.** Class ~~II~~ I standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of the fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet (9144 mm) below the highest level of fire department vehicle access.

Exceptions:

1. Class I standpipes are allowed in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2.
2. Class I manual standpipes are allowed in open parking garages where the highest floor is located not more than 150 feet (45 720 mm) above the lowest level of fire department vehicle access.
3. Class I manual dry standpipes are allowed in open parking garages that are subject to freezing temperatures, provided that the hose connections are located as required for Class II standpipes in accordance with Section 905.5.
4. Class I standpipes are allowed in basements equipped throughout with an automatic sprinkler system.
5. In determining the lowest level of fire department vehicle access, it shall not be required to consider either of the following:
  - 5.1. Recessed loading docks for four vehicles or less.
  - 5.2. Conditions where topography makes access from the fire department vehicle to the building impractical or impossible.
6. Class II and Class III standpipes are not permitted.

**Amend Section 905.3.4 to read as follows:**

**905.3.4 Stages.** Stages greater than 1,000 square feet (93 m<sup>2</sup>) in area shall be equipped with a Class ~~III~~ wet standpipe system with ~~1 1/2-inch and~~ 2-1/2-inch (38 mm and 64 mm) hose connections on each side of the stage. Exception: Where the building or area is equipped throughout with an automatic sprinkler system, a ~~1 1/2-inch (38 mm)~~ 2-1/2-inch (38 mm and 64 mm) hose connection shall be installed in accordance with NFPA 13 ~~or in accordance with NFPA 14 for Class II or III standpipes.~~

**Add a new Section 906.1.1 to read as follows:**

**906.1.1 Minimum Required Rating.** Fire extinguishers shall be multi class A-B-C dry chemical extinguishers with a minimum rating of 2-A; 10-B; C. Exception: Special hazard extinguishers shall be used in place of dry chemical extinguishers where a special hazard exists. Only K-class extinguishers shall be provided within a 30-foot (9144 mm) distance of travel from commercial-type cooking equipment. Cold Fire extinguishers may be used in place of dry chemical extinguishers on approval of the fire code official.

**Amend Section 907.2.8.3 to read as follows:**

**907.2.8.3 Smoke alarms.** Single- and multiple-station smoke alarms shall be installed in accordance with Section 907.2.11. Smoke alarms provided in guest rooms may be annunciated at the fire alarm control panel as supervisory only.

**Add a new Section 907.5.3 to read as follows:**

**907.5.3 Sprinkler water-flow alarm systems.** Sprinkler water-flow alarm systems shall be provided with a minimum of one interior audible and visual water-flow alarm notification appliance, and one pull station located in a normally occupied location. Additional initiating and/or notification devices may be required by the Fire Code Official. These systems shall also include an exterior audible and visual water-flow alarm appliance located within 10 feet of the FDC. Exterior audible and visual alarms shall have a sign below that states "Fire Alarm – When Alarm Sounds Call 911". In buildings with multiple separate tenants being served by the same automatic sprinkler system at least one interior audible and visual alarm appliance shall be placed in each tenant space.

Exceptions:

1. NFPA 13R systems only require one interior audio and visual water flow alarm appliance; occupant use pull stations are not required.
2. Group R-2 Apartment buildings with a common exterior breezeway need not be provided with a pull station.

**Add a new Section 907.6.3.2 to read as follows:**

**907.6.3.2 Signal Silence.** The operation of the signal silence at the fire alarm control panel shall only deactivate the horns from sounding. The strobes shall continue to flash in the signal silence mode. This section shall apply to all new installations and existing fire alarm systems.

**Add a new Section 907.7.3.1 to read as follows:**

**Section 907.7.3.1 Map.** In new and existing buildings with fire alarm systems, a graphic map showing the location of all initiating devices and addressable identification corresponding with the fire alarm control panel shall be located at the fire alarm control panel or other approved location.

**Add a new Section 912.1.1 to read as follows:**

**912.1.1 Fire Department Connections Supply.** There shall be at least one fire hydrant located within 150 feet of the Fire Department Connection. 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:

- 1) Automatic fire sprinkler systems.
- 2) Fire hydrants supporting the Fire Department Connection.

**Add a new Section 1004.3.1 to read as follows:**

**1004.3.1 Group E Occupancies:** Areas of Group E- Occupancies considered to be an assembly occupancy including arenas, auditoriums, cafeterias, gymnasiums, indoor sporting areas, and pools, shall post occupancy load signs per Section 1004.3.

## Appendix - A

[Exception: Classrooms.](#)

**Add a new Section 1030.6 to read as follows:**

[1030.6 Horizontal projections.](#) Emergency escape openings below horizontal projections. Emergency escape openings shall not be located below decks, porches, cantilevers and similar horizontal projections.

[Exception provided one of the following applies:](#)

[a.](#) The minimum horizontal area of 9 square feet (0.84 m<sup>2</sup>) 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 36 inches \(610 mm\). \(RBC 302.4.17\)](#)

**Add a new Section 1031.4.1 to read as follows:**

[1031.4.1 Additional Exit Signs.](#) The Fire Code Official may require additional exit signage as follows. On any door leading directly to the exterior that can be used as an exit.

**Add a new Section 1101.4.4 to read as follows:**

[1101.4.4 Variance.](#) The authority having jurisdiction (AHJ) may issue a variance to any of the provisions of chapter 11 where its not practical or poses an undue hardship. Granting of a variance shall be based on showing of good cause and a request shall be made in writing from the building owner.

**Amend Section 2803.5.3 to read as follows:**

**2803.5.3 Smoking.** [Where smoking constitutes a fire hazard, Smoking is prohibited in lumberyards and woodworking facilities, except in fire department approved and designated areas.](#) ~~‡~~The fire code official is authorized to order the owner or occupant to post approved “No Smoking” signs complying with Section 310. The fire code official is authorized to designate specific locations where smoking is allowed.

**Amend Section 3103.6 to read as follows:**

**3103.6 Construction documents.** A detailed site and floor plan for tents or membrane structures ~~with an occupant load of 50-1,400 Square foot~~ or more shall be provided with each application for approval. The tent or membrane structure floor plan shall indicate details of the means of egress facilities, seating capacity, arrangement of the seating and location and type of heating and electrical equipment.

## **APPENDIX A – BOARD OF APPEALS**

**Delete entire Appendix A and replace with the following:**

### [APPENDIX A – BOARD OF APPEALS](#)

[Delete entire Appendix A and replace with the following:](#)

[A101 Board of Appeals Established.](#) In order to hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, there shall be and hereby created a board for the purpose of hearing appeals.

[A102 Within the Ellicott Fire Protection District the board of appeals shall be the Fire Protection District Board.](#) Where the term “Board of Appeals” is used in the International Fire Code, it shall mean the Fire Protection District Board of Ellicott.

[A103 When hearing issues relative to this code, the Fire District Board shall operate in accordance with Section 108 and Appendix A of this Code](#)

## Appendix - A

A104 Scope. The Fire District Board shall be authorized to hear evidence from the appellants and the fire code official pertaining to the application and intent of this code for the purpose of issuing orders pursuant to these provisions. The fire code official is authorized to have the fire code officials from other local jurisdictions to testify on their behalf.

A105 Process. The process of an appeal of a decision or determination made by the fire code official should be first made to the Fire Chief within 30 days of the decision or determination. Within 30 days of a written decision by the Fire Chief the appellant may make a written appeal to the Fire District Board.

A106 Decisions. Every decision shall be promptly filled in writing in the office of the Fire Code Official and shall be open to public inspection. A certified copy shall be sent by mail or otherwise delivered to the appellant. A copy shall be publicly posted at each of the fire stations for a period of 2 weeks after filing.

A107 Procedures. The fire districts board shall operate in accordance with their establish rules, regulations and procedure in accordance with the Colorado Revised Statute Title 32 for its own procedure not inconsistent with the provisions of this code and applicable state law.

A108 Adoption. Appendix A is adopted by reference as amended and shall be part of this code.

### **APPENDIX B – FIRE FLOW REQUIREMENTS FOR BUILDINGS**

#### **Amend B101.1 to read as follows:**

**B101.1 Scope.** The procedure for determining fire-flow requirements for buildings or portions of buildings hereafter constructed shall be in accordance with this appendix. This appendix does not apply to structures other than buildings. Appendix B is adopted by reference and shall be mandatory provisions as part of this code.

#### **Amend Section B103.3 to read as follows:**

**B103.3 Areas without water supply systems.** For information regarding water supplies for fire-fighting purposes in rural and suburban areas in which adequate and reliable water supply systems do not exist, the fire code official is authorized to utilize NFPA 1142 or ~~the International Wildland Urban Interface Code~~ per Chapter 6 of the El Paso County Land Development Code.

### **APPENDIX C – FIRE HYDRANT LOCATIONS AND DISTRIBUTION**

#### **Amend Section C101.1 to read as follows:**

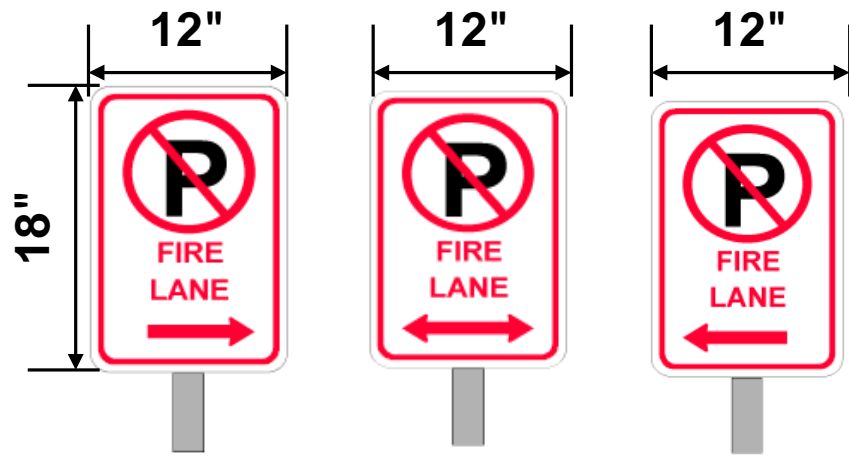
**C101.1 Scope.** In addition to the requirements of Section 507.5.1 of the International Fire Code, fire hydrants shall be provided in accordance with this appendix for the protection of buildings, or portions of buildings, hereafter constructed or moved into the jurisdiction. Appendix C with the following amendments is adopted by reference and shall be mandatory provisions as part of this code.

### **APPENDIX D – FIRE APPARATUS ACCESS ROADS**

#### **Amend Section D101.1 to read as follows:**

**D101.1 Scope.** Fire apparatus access roads shall be in accordance with this appendix, ~~and the El Paso County Land Development Code~~ and all other applicable requirements of the International Fire Code. Appendix D with the following amendments is adopted by reference and shall be mandatory provisions as part of this code.

Add new Figure D103.6.1 as follows:



ADD A NEW FIGURE D103.7 AS FOLLOWS:

FIGURE D103.7 FIRE LANE STRIPING

