



Platte Canyon Fire Protection District

Wildfire Hazard Standards Requirements:

(Required items as stated in modified NFPA 1144)

In order to obtain a Wildfire Hazard Permit, you must score within the Low-Moderate range on the Platte Canyon FPD Wildland Fire Risk and Hazard Severity Assessment Form and complete the Defensible Space and Wildfire Hazards Checklist for wildland hazard mitigation. The requirements for both of those checklists are provided below.

Wildland Fire Risk and Hazard Severity Assessment Form

(Hazard assessment must fall in Low-Moderate range)

CREATION OF DEFENSIBLE SPACE -

Minimum mitigation practices - 30 ft. from structure – or as determined from the Wildland Fire Risk and Hazard Severity Assessment.

Zone 1 - This zone measures 15 ft. from the outside edge of a home's eaves and any attached structures (decks) to the crown (branches) of the nearest tree. Remove all flammable vegetation in this area.

Exception: In an open grown ponderosa pine environment, where large distances exist between trees, a very isolated tree can be left within zone 1. This tree must be isolated from the next tree by at least 20 feet. The tree's crown cannot touch or overhang the structure. AND, the tree's branches must be pruned 8-10 feet high.

Zone 2 - The vegetation in at least the next 15 feet must be mitigated. That is, the vegetation must be pruned and thinned as per Colorado State Publication No. 6.302. This zone is determined from the Wildland Fire Risk and Hazard Severity Assessment.

Optimum mitigation practices - as stated in Colorado State Publication No. 6.302

Zone 1 - This zone measures 15 ft. from the outside edge of a home's eaves and any attached structures (decks) to the crown (branches) of the nearest tree. Remove all flammable vegetation in this area.

Exception: In an open grown ponderosa pine environment, where large distances exist between trees, a very isolated tree can be left within zone 1. This tree must be isolated from the next tree by at least 20 feet. The tree's crown cannot touch or overhang the structure. AND, the tree's branches must be pruned 8-10 feet high.

Zone 2 - The vegetation in this zone should be mitigated to a distance depending on the slope. That is, the vegetation must be pruned and thinned as per Colorado State Publication No. 6.302.

WILDFIRE HAZARD STANDARDS CHECKLIST

Driveways: If structure exceeds 150 feet from roadway, the following requirements **must** be met:

(Recommended if less than 150 ft. from roadway)

Driveways to be minimum of 12 ft. wide and provide vertical clearance at least 14.5 ft. high

Turns must accommodate largest fire vehicle (minimum 30 ft. curve radius)

No gates may open outward

Fire department shall have access to locking mechanisms

Shall be constructed of hard all-weather surface to support fire apparatus

Turnouts required so driver can see from one turnout to another (minimum 35 feet in length, distance between turnouts and required frequency to be determined on a case by case basis)

Maximum grade of 12%; within right of way, Park County Road & Bridge standards apply
Dead ends greater than 300 ft. require turnarounds of 50 ft. minimum radius
(alternate can be hammerhead-T with minimum 30 ft. backing space)

Structural Location, Design, and Construction:

Building codes must be complied with
Structures closer than 30 ft. to a vegetated slope must be mitigated
Roofing must be Class A
Vents to be screened with minimum of 1/4 in wire mesh
Eaves shall be boxed in with minimum of 3/8 in sheathing
Porches, decks, overhanging buildings, etc. shall be constructed of heavy timber
as defined by local building code, with minimum 1 hr. fire resistivity
Exterior vertical walls must be covered with minimum 2 in. nominal sheathing or equivalent.
Fireplace and wood stove chimneys to have minimum of 2 in. wire mesh screen
No vegetation within 10 ft. of chimney outlet

Platte Canyon FPD Responsibilities:

Public Fire Safety Information and Education Program by Platte Canyon FPD identifying:

_____ wildfire hazards	_____ prevention and safety programs
_____ life and property risks	_____ target audiences
_____ fire causes	_____ activities

Community Planning by Platte Canyon FPD for Protection of Life and Property from Wildfire

_____ multi-agency wildfire plan must be developed
_____ goals to include protection of residents and emergency personnel
secondary goal is to minimize property loss
_____ incident management system NFPA 1561 shall be included
_____ training, qualifications, and equipment requirements shall be certified
_____ a communications system shall be established for public notification and
evacuation
_____ self-protection information shall be made available
_____ information as to how the public can assist fire agencies shall be made available
_____ security measures to protect evacuated areas shall be put in place
_____ public safety and evacuation elements
_____ incident personnel authorities identified
_____ incident personnel responsibilities in evacuations identified
_____ public notification of impending evacuations identified
_____ routes for evacuations identified
_____ shelter locations identified
_____ policy addressed of residents remaining to protect their property
_____ procedures for allowing evacuees to return to their property
_____ mutual aid agreements must be established

Disclosure statement:

Interpretation of NFPA 1144 shall be the responsibility of the Authority Having Jurisdiction (AHJ), the Platte Canyon FPD.
Any appeals regarding these interpretations shall be made to the District Board of Directors of the Platte Canyon FPD.

Any items currently in, or subsequently modified in the Platte Canyon FPD Fire Code, Park County Building Code, or Park County Land Use Regulations would supercede items in this document.

NFPA 1144 practices shall be adopted into the Platte Canyon FPD Fire Code. Exceptions will be those requirements of Park County relating to public roadways and signage.

Revised: 10/07