

Watermark

**Wildland Fire Safe Plan
Amendment A**

**Prepared for:
Rick Beasley**

Prepared by:

**CDS Fire Prevention Planning
William F. Draper
Registered Professional Forester
#898
4645 Meadowlark Way
Placerville, CA 95667**

February 13, 2020

**Watermark
Amendment A**

Approved by:



**Maurice Johnson
Fire Chief
El Dorado Hills Fire Department**

2-18-20

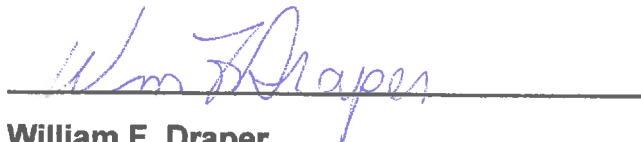
Date

~~Darin McFarlin, FC~~ *Nathan Barclay*
**Fire Prevention
California Department of
Forestry and Fire Protection**

2/29/2020

Date

Prepared by:



**William F. Draper
RPF #898**

2/17/2020

Date



Watermark Amendment A

Purpose:

At the time the Watermark development was being established a State Responsibility Area Wildfire Safety Plan was prepared by Registered Professional Foresters Douglas Leisz and Eugene Murphy. The plan was completed in September, 1998. Amendment A is being prepared as an update to the original plan and to provide further guidelines to be followed for the treatment of the fuels along the roadways, open space and undeveloped lots.

Fire safety and emergency evacuation is a primary focus of this amendment. The recommended fuel treatments will help to reduce the risk of fire entrapment as people evacuate the area and allow the fire agencies better access.

A Fuel Hazard Reduction Zone (FHRZ) is currently in place for the majority of the Watermark development. The guidelines are to enhance and complete what has been done.

Homeowners who live in and adjacent to the wildfire environment must take primary responsibility along with the fire services for ensuring their homes have sufficient low ignitability and surrounding fuel reduction treatment. Plan implementation measures must be maintained in order to assure adequate wildfire protection.

Guidelines:

- Starting at the entrance outside of the gate, trees along the road must be pruned up 6 feet from the ground. Low flashy fuels need to be removed annually by June 1.
- Maintain the FHRZ along the roadway for 100' from the edge of the pavement annually by June 1.
- Lot B needs to have all the brush and liveoaks removed for 100' from the edge of the pavement by June 1 annually. The 10" blue oak shall be pruned so no limb hangs within 8' of the ground as measured on the uphill side of the tree. Remove all gray pines within this treatment area.
- All grass and brush sprouts must be cut to a 2" stubble by June 1 annually.
- Lot C shall have a 100' FHRZ along the roadway as measured from the edge of the pavement. This zone shall be kept free of all brush. Grass and sprouts shall be treated to a 2" stubble annually by June 1.
- All vacant lots shall have a 100' FHRZ along the edge of the roadway and maintained to a 2" stubble annually by June 1.

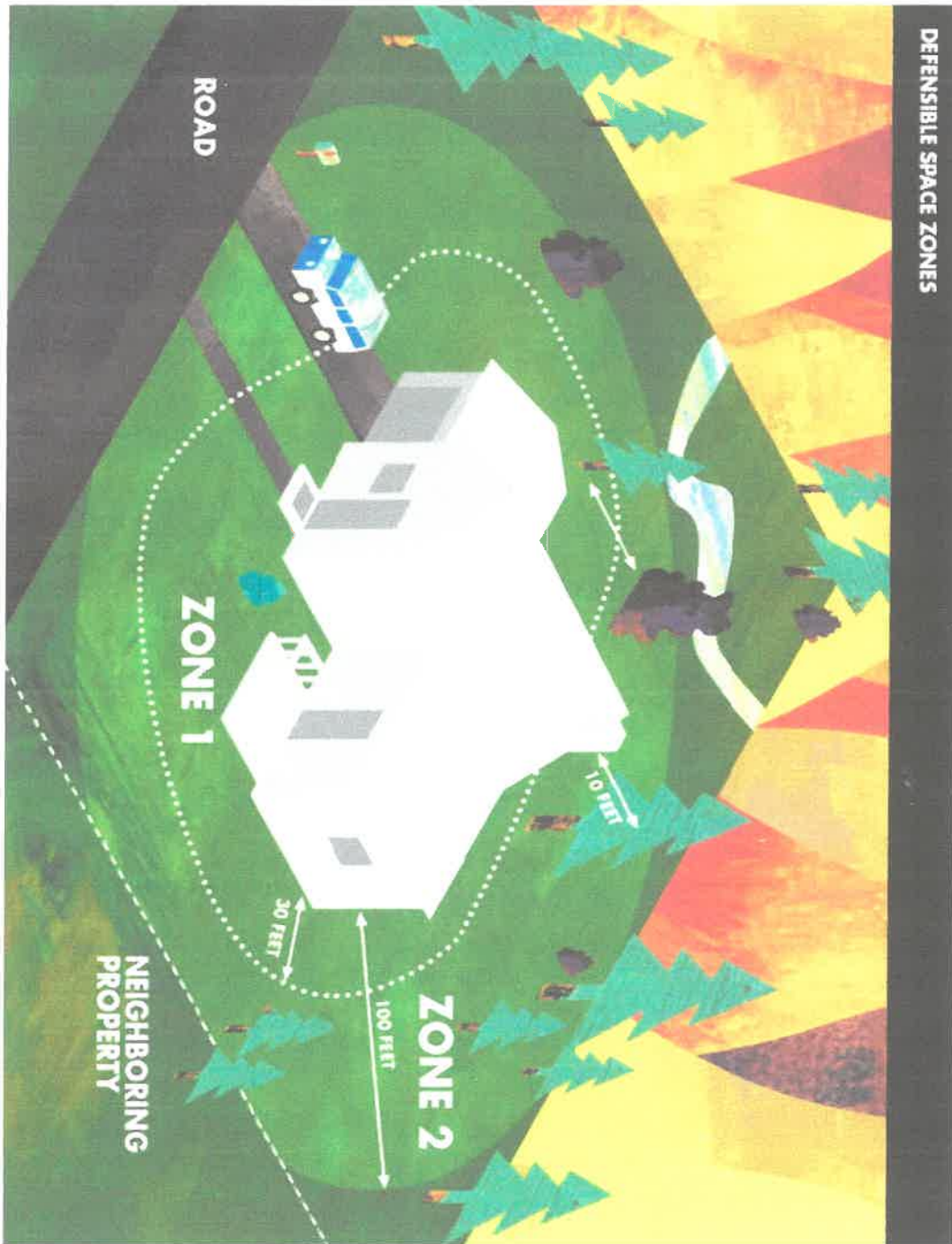
- The emergency evacuation route at the south end of the project shall have a 100' FHRZ annually maintained to a 2" stubble by June 1. The gray pines within this zone shall be eliminated.
- Maintain a clearance of 10' around all fire hydrants.
- Landscaping along the roadways outside of fences needs to be with fire resistive plants or non-combustible ground cover. Those landscaped areas with evergreen species such as low growing manzanita, junipers or cypress should be minimized or replaced. Only fire resistive plantings or non-combustible ground cover should be planted within 100' of the roadway.
- Trees within the 100' FHRZ planted as part of the landscape should be pruned up 6' above the ground.
- Timing of the grass fuels within the FHRZ can be critical to maintain the effectiveness of the treatment. Late seasonal rains can cause a regrowth of the grass and reduce the benefit of the fuel treatment zone.
- Lot 30 needs to have the liveoaks pruned up 10', remove all dead wood within the trees and clumps and isolate the trees from surrounding brush. A minimum of 10' of separation between trees and brush is recommended.

Once clearing has been completed it is most important that annual maintenance be performed. Liveoak, chamise and toyon are sprouting species and their leaves along with the manzanita leaves are highly flammable.

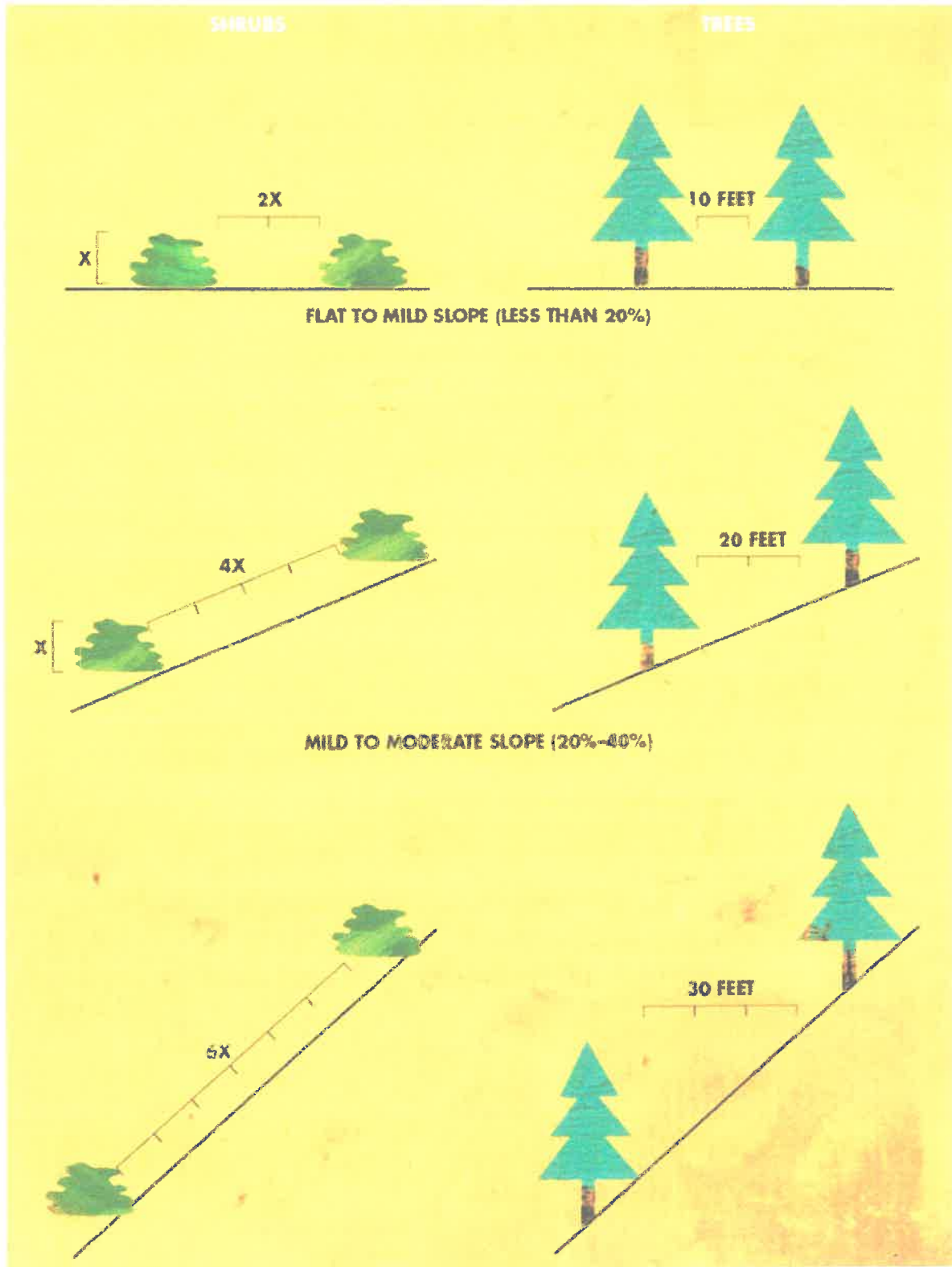
Homeowners need to be aware of El Dorado Hills Fire Department Unimproved Property Hazard Abatement Standard, El Dorado County Vegetation Management and Defensible Space ordinance and California Public Resources Code 4291. All 3 regulations require clearances around and adjacent to structures and treating access roads and vacant lots. Attached are some diagrams for treatment guidelines.

All new construction must comply with 7A of the Residential Building Code. All new houses must meet at least the fire sprinkler provision for NFPA 13D.

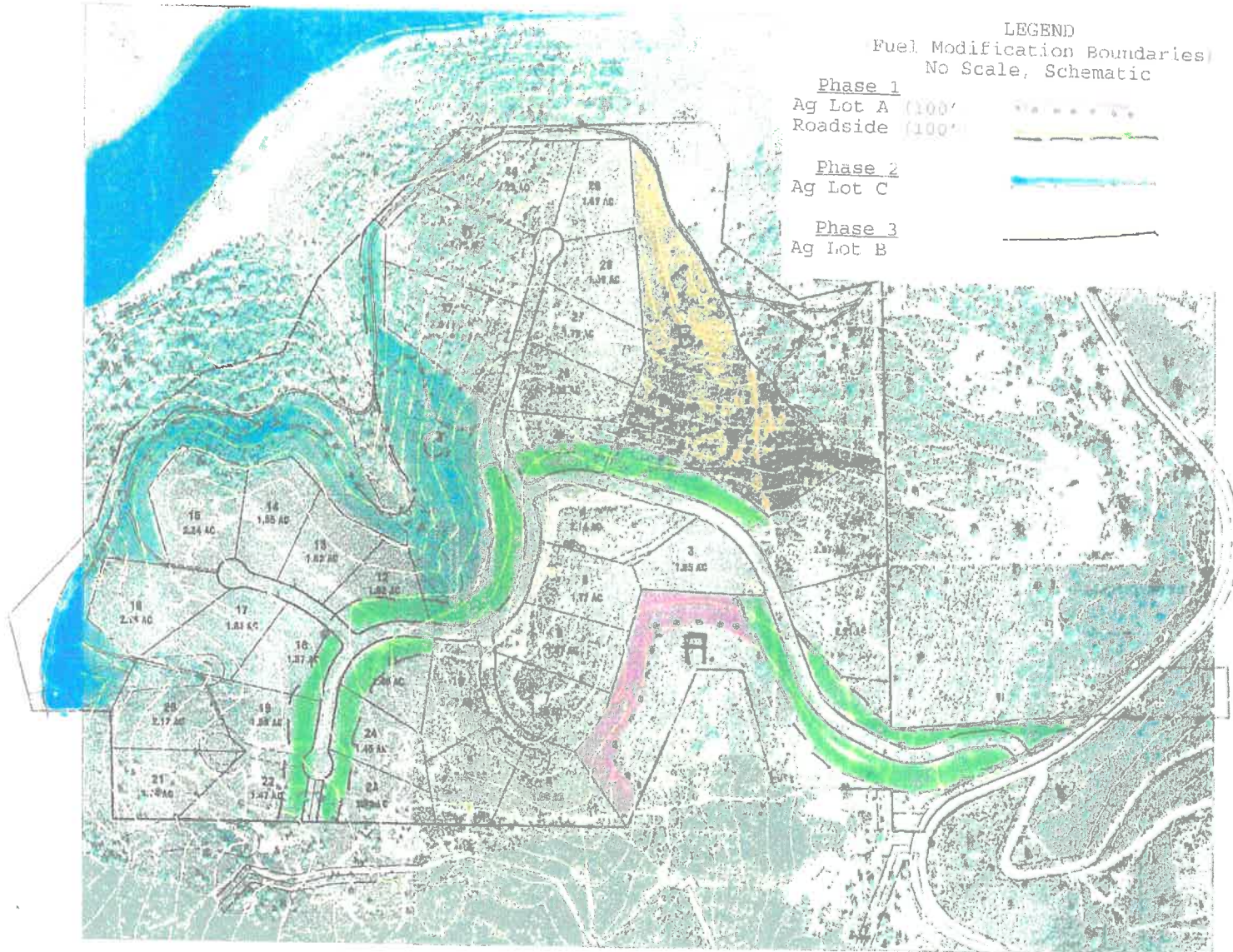
Other provisions within the original Wildfire Safety Plan remain in effect.



Clearance Guidelines



Slope Clearance Guidelines



Watermark

