

WILDLAND-FUEL VEGETATION MANAGEMENT PLAN

For

Panorama

Shasta County Tract Map #TR-960

INTRODUCTION:

Panorama Map #TR-960 is the division of approximately 307 acres located north of Balls Ferry Road and east of Locust Road. The planned development proposes to create 430 residential parcels, ranging in size from approximately 4,000 square feet to over one acre. The property being portions of Section 6, Township 29 North, Range 3 West, Section 36, Township 30 North, Range 4 West, Section 1, Township 29 North, Range 4 West, MDM, in the unincorporated territory of the County of Shasta, State of California, more particularly known as Assessor's Parcel No. 090-440-002, 090-450-004, 090-460-009, 010, 029, 037, & 090-380-028..

DESCRIPTION OF VEGETATION AND TOPOGRAPHY:

The project area consists of blue oak woodland, oak savannah, and agricultural land. The blue oak woodland consists of blue oaks over a variable understory. The understory is a mosaic of annual grass with scattered concentrations of chaparral species. The primary chaparral species is Manzanita. The difference between oak woodland and oak savannah is the amount of crown closure. Oak woodland is over 10 percent and oak savannah is less than 10 percent. The agricultural land has been irrigated. Several high voltage electrical lines bisect the project area. For additional information refer to the Oak Woodland Conservation Plan prepared for Panorama Planned Development by Frank S. Borden dated February 22, 2007.

The property is located northeast of the town of Cottonwood. Topography consists mainly of rolling foothills in the northern half of the property which slope down to more level ground in the southern portion of the site. Project elevations range from 600 feet above sea level in the northern portion of the site to 450 feet above sea level along the southern part of the property.

PURPOSE OF THIS PLAN:

In order to retain the natural character of the property, while having it coexist with the proposed single-family residential use, Shasta County has conditioned the Panorama project to develop a Wildland-Fuel Vegetation Management Plan. The plan for development is as follows:

1: Treatment of area on-site within 100 feet of proposed and existing structures:

All brush and trees smaller than 4" DBH shall be cleared. All trees greater than 4" DBH should be retained unless they interfere with development infrastructure such as roads, utilities, or sewage treatment. The remaining trees should be thinned and

pruned to break up fuel continuity. Trees should be thinned so tree crowns are not touching. Those trees remaining should be pruned of branches from the ground up to ten feet, but no more than 50% of the live crown.

Heavy equipment can be used on slopes less than 30%. Slopes over 30% and slopes less than 30% within 100 feet of intermittent creeks should be cleared manually. Clearing can be accomplished by tractor piling and burning of tractor piles. Pile burning must be done during a specified period of the year and requires a permit from the California Department of Forestry and Fire Protection (CDF) and the Shasta County Air Quality Management District.

Instead of pile burning, an alternative treatment would be to cut and chip the brush and small trees. The resultant chips can be burned by a wood-fired energy plant or blown back onto the ground.

2: Treatment of areas on-site and greater than 100 feet from proposed and existing structures:

Areas 100 to 200 feet from structures and in excess of 30% slope shall also be treated to reduce the intensity of the wildfire threat to the home sites. This defensible space treatment shall be accomplished in the same manner as above.

3. Access Routes:

Driveways developed as part of this project shall be constructed to provide ready ingress and egress to both residents and emergency equipment pursuant to Section 6.13 of the Fire Safety Standards. In addition, all brush and trees smaller than 4" DBH and within 50 feet of the driveways shall be cleared. Additionally, trees greater than 4" DBH and within 50' of driveways shall be pruned of branches from the ground up to ten feet, but no more than 50% of the live crown. Property owners shall be responsible for providing and maintaining these clearances for firesafe access routes on their respective parcels.

RESPONSIBILITY:

It shall be the responsibility of the developer to establish and maintain the defensible space area as outlined above until the parcels are sold.

Once sold, the parcel owner will be responsible for the maintenance and upkeep of the defensible space area on their property as outlined above.

Shasta County Development Standards, Chapter 6, Fire Safety Standards, Section 6.63 reads:

“Combustible vegetation shall be cleared around all structures for a distance of not less than 100 feet on each side; or to the property line. This does not apply to specimen trees or irrigated landscaping that will not transmit fire from the native vegetation to the structure. (Public Resources Code Section 4291)”

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