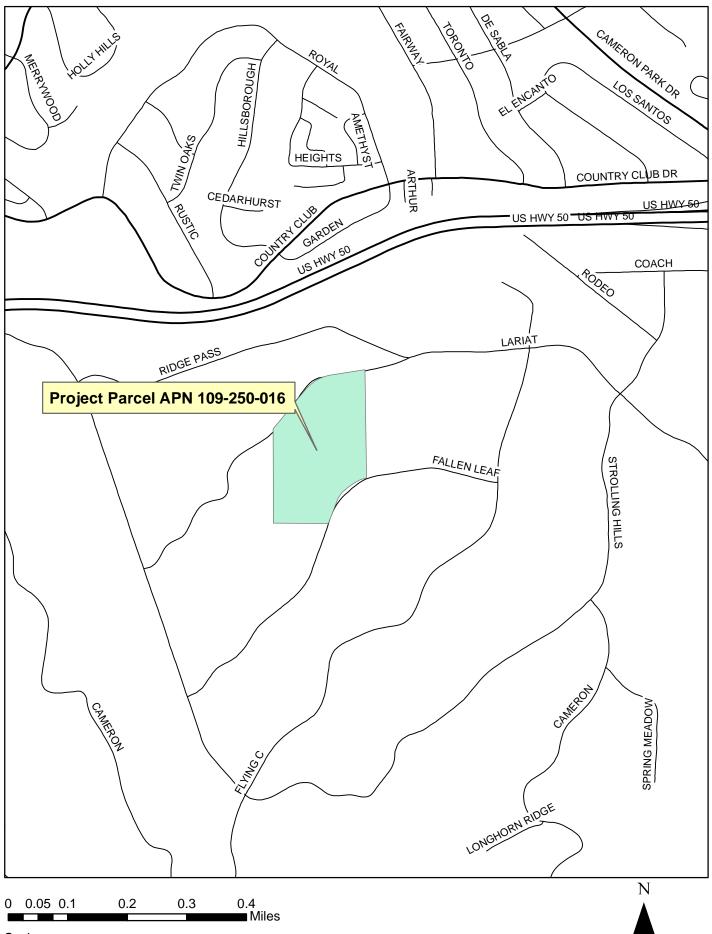
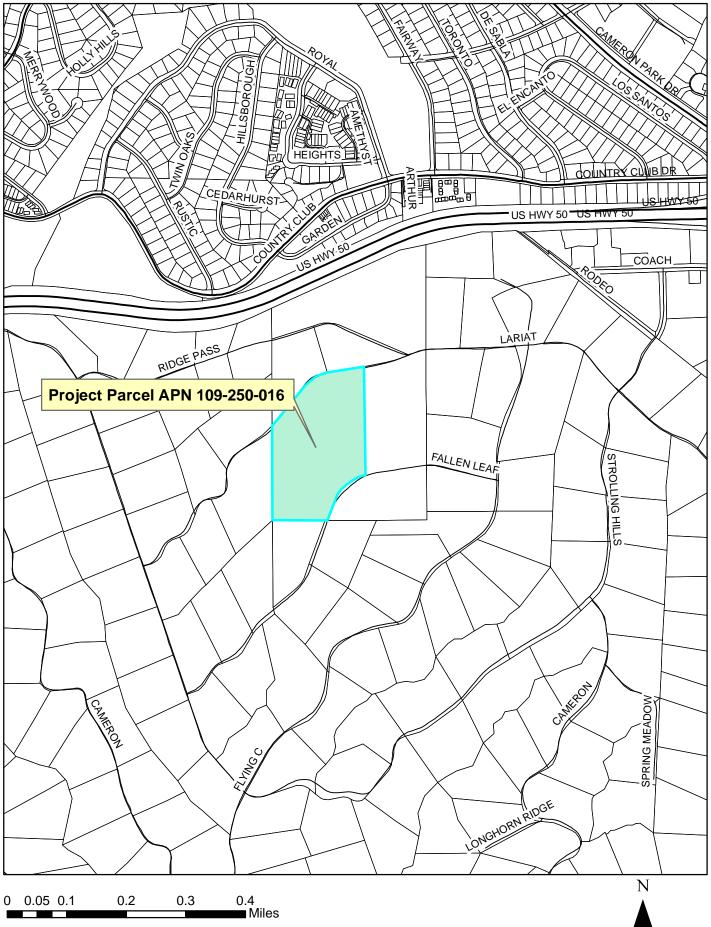
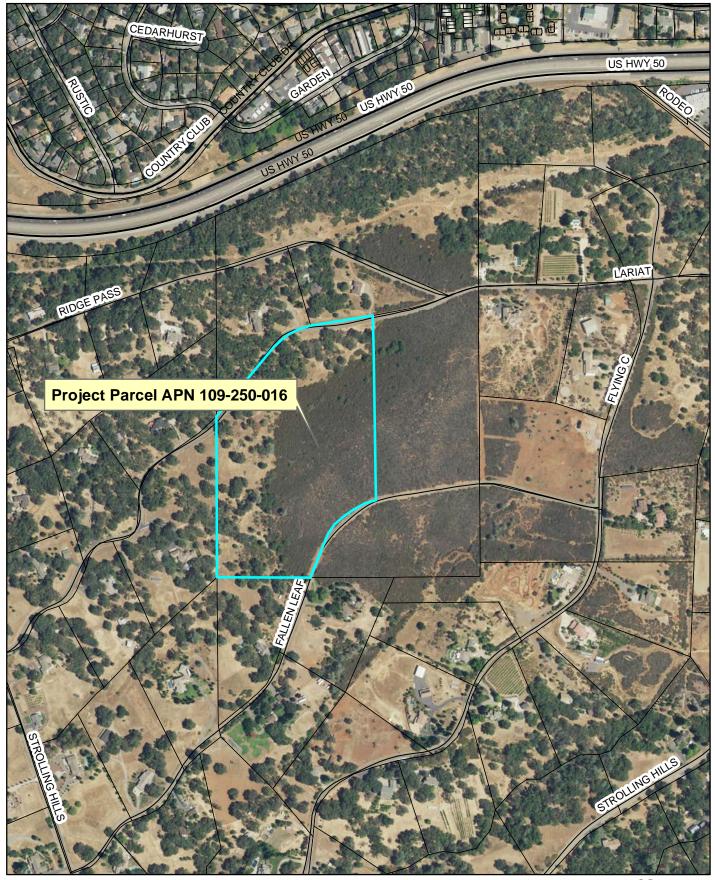
## P19-0011 LARIAT PARCEL MAP EXHIBIT A - LOCATION MAP



# P19-0011 LARIAT PARCEL MAP EXHIBIT B - VICINITY MAP



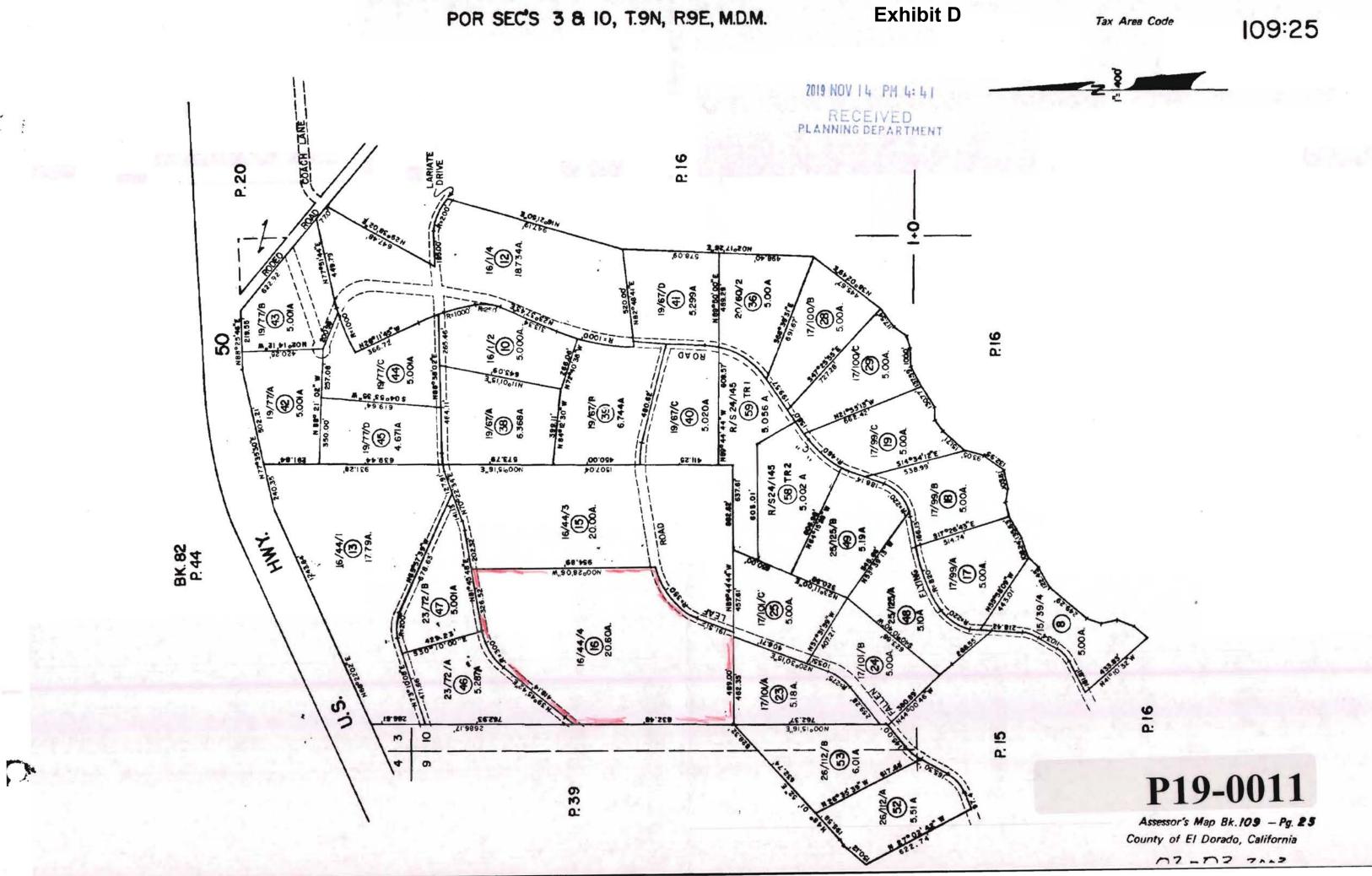
# P19-0011 LARIAT PARCEL MAP EXHIBIT C - SITE AERIAL PHOTO



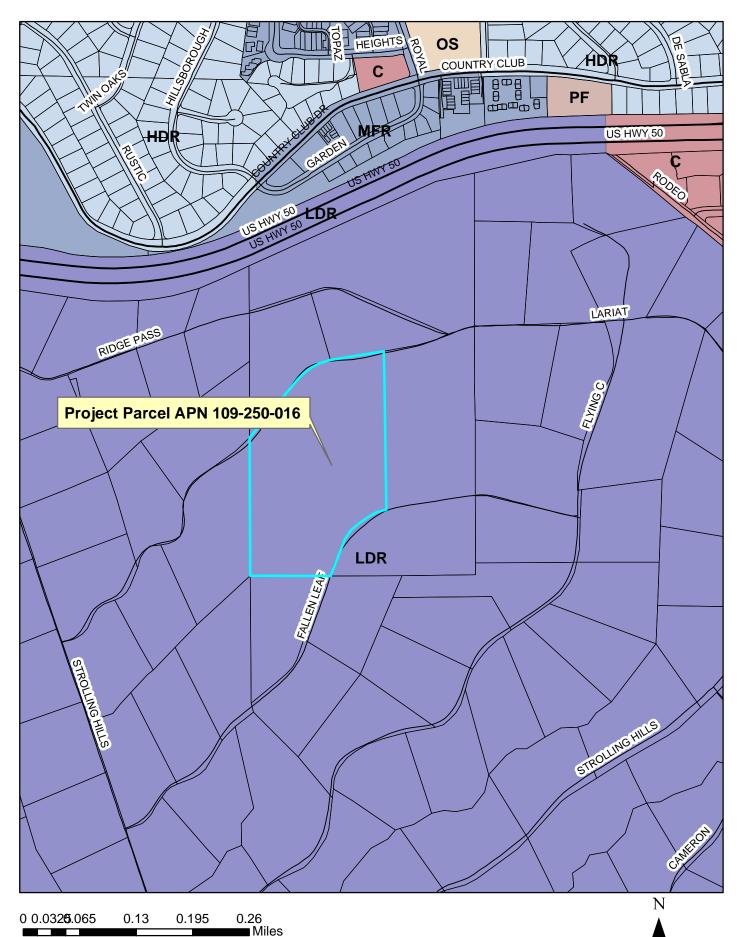
0 0.027**6**.055 0.11 0.165 0.22 Miles

Ν

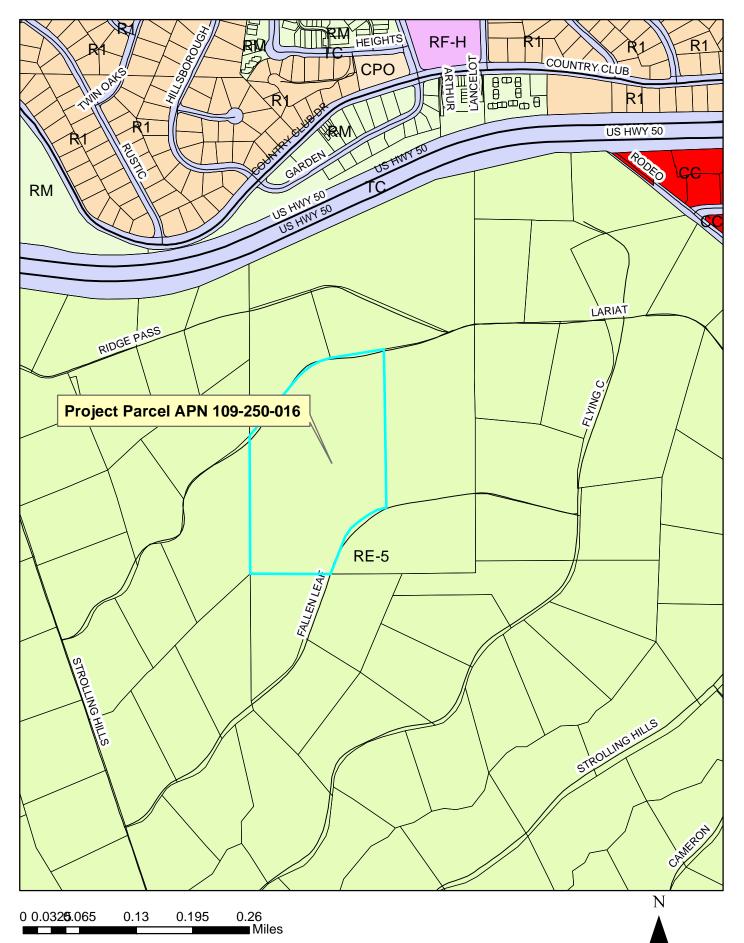
:

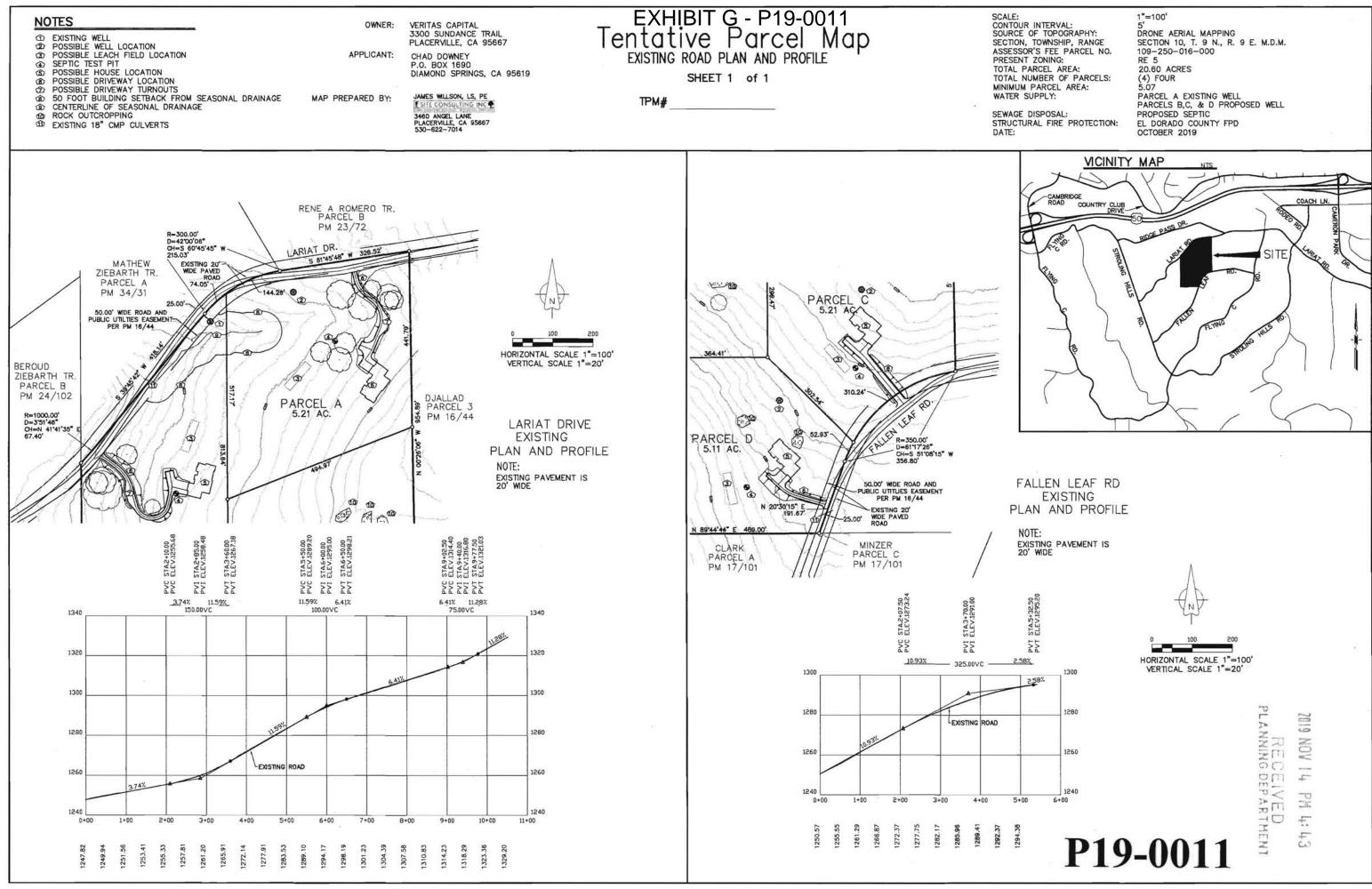


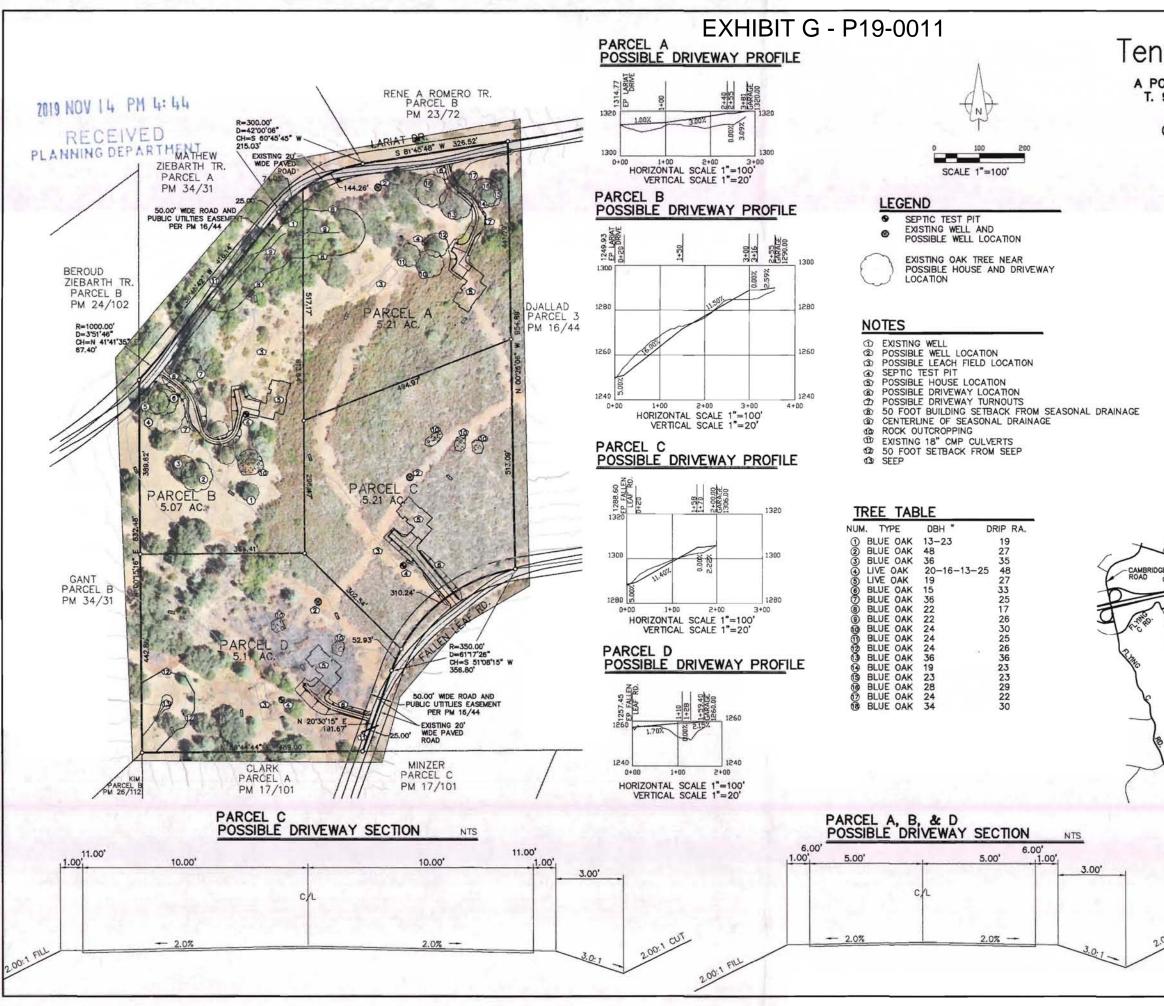
## P19-0011 LARIAT PARCEL MAP EXHIBIT E - GENERAL PLAN LAND USE MAP



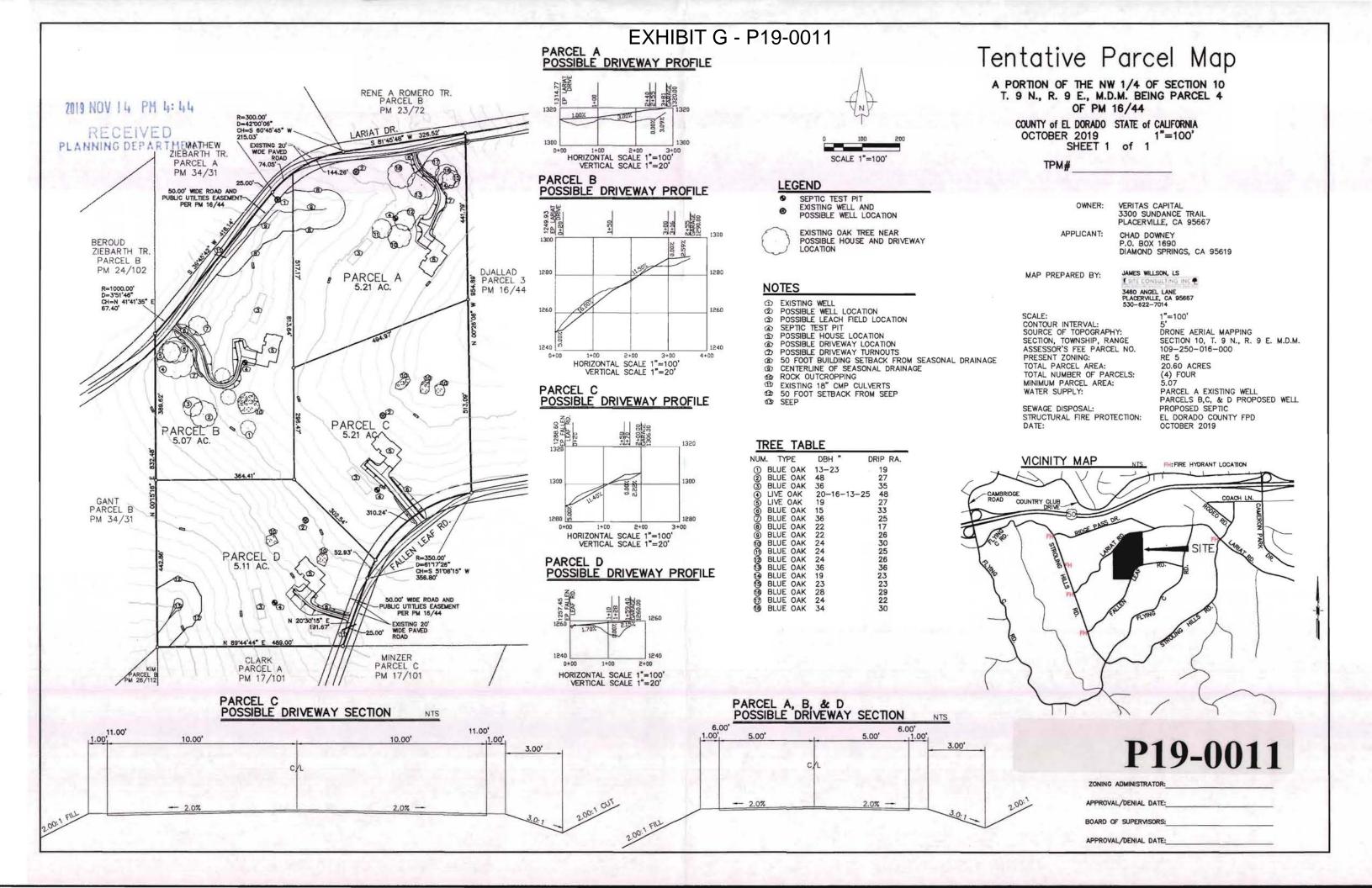
# P19-0011 LARIAT PARCEL MAP EXHIBIT F - ZONING MAP



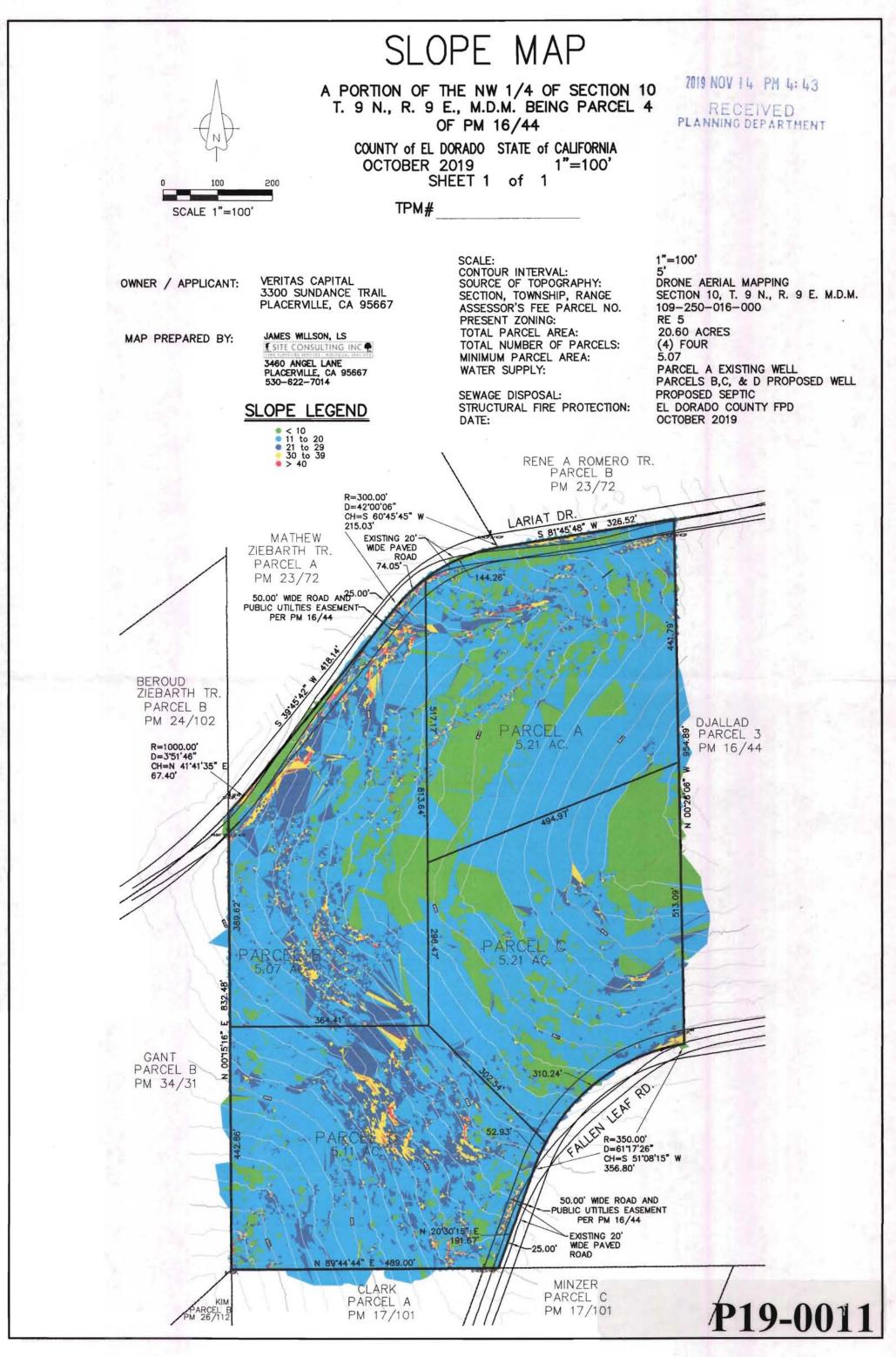




TION OF THE NW	arcel Map
OF PM	16/44
OUNTY of EL DORADO OCTOBER 2019 SHEET 1	STATE of CALIFORNIA 1"=100' of 1
TPM#	
OWNER:	VERITAS CAPITAL 3300 SUNDANCE TRAIL PLACERVILLE, CA 95667
APPLICANT:	CHAD DOWNEY P.O. BOX 1590 DIAMOND SPRINGS, CA 95619
MAP PREPARED BY:	JAMES WILLSON, LS E STE CONSULTING INC S460 ANGEL LANE PLACERVILE, CA 95667 530-622-7014
SCALE: CONTOUR INTERVAL: SOURCE OF TOPOGRAPH SECTION, TOWNSHIP, RA ASSESSOR'S FEE PARCE PRESENT ZONING: TOTAL PARCEL AREA:	NGE SECTION 10, T. 9 N., R. 9 E. M.D.M. EL NO. 109-250-016-000 RE 5 20.60 ACRES
TOTAL NUMBER OF PAF MINIMUM PARCEL AREA WATER SUPPLY: SEWAGE DISPOSAL:	
SEWAGE DISPOSAL: STRUCTURAL FIRE PROT DATE:	
VICINITY MAP	NTS PH:FIRE HYDRANT LOCATION
SALE	
UNTRY CLUB	COACH LN.
BUDGE PASS	
STROUME	SITE HERE
THE A	
	Here and
	AL FLYING HILS PU
	Stor /
$\gamma \setminus \gamma$	$\sim$ $\leq$ $\cdot$ $\cdot$
LY	- icm
11-	
	P19-0011
ZONING	ADMINISTRATOR:
APPROV	AL/DENIAL DATE:
	DF SUPERVISORS:



**EXHIBIT H - P19-001** 



Lariat Drive Parcel Map APN: 109-250-016 Wildland Fire Safe Plan

Prepared for:

**Chad Downey** 

Prepared by:

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

May 15, 2020

### Lariat Drive

Approved by:

Brandon McKay, FC Fire Marshal El Dorado County Fire Protection District

noJae

Darin McFarlin, FCS Fire Prevention California Department of Forestry and Fire Protection

Prepared by:

DIN

William F. Draper RPF #898

Date

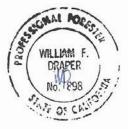
202

SIME

6-3-2020

Date

Date 020



pg. 2

## **CONTENTS**

I.	Purpose 4
II.	Fire Plan Limitations5
III.	Wildland Fire Safe Plan5
IV.	1. Fire Safe Requirements6 Appendix
	A. Maps
	B. Appendix A10 Fuel Treatment Specifications Oak Woodland
	C. Appendix B11 Long Driveways and Turn-arounds
	D. Appendix C CAL FIRE Guideline12
	E. Standard #D-00313
	F. Standard #B-00214

## Lariat Drive

## Purpose:

This Wildland Fire Safe Plan is for the division of parcel APN:109-250-016 consisting of 20.6+/- acres into 4 parcels. There will be 4 five-acre parcels. The property is located in the Strolling Hills area of Cameron Park. This property is bordered on the north side by Lariat Drive and on the south of Fallen Leaf Road. The proposed project is to split the existing parcel into 4 lots. Two lots will access Lariat Drive and 2 lots have access onto Fallen Leaf Road. Lariat Drive is a 22' wide paved road and Fallen Leaf Road is 18' wide. All parcels will be served by individual wells. Fire hydrants are located on Strolling Hills Road but there are no fire hydrants on either road serving the new lots. Water storage tanks will provide water necessary for domestic, fire sprinklers and wildland fire protection uses. This plan provides the specific requirements that must be met in order to comply with Fire Safe required by El Dorado County Fire Protection District and CALFIRE for this subdivision. The project area is a High Fire Severity zone.

Incorporation of the fire hazard reduction measures into the design and maintenance of the future parcels will reduce the size and intensity of wildfires and help prevent catastrophic fire losses. State and County regulations provide the basic guidelines and requirements for fire safe mitigation measures and defensible space around dwellings. This plan builds on these basic rules and provides additional fire hazard reduction measures customized to the topography and vegetation of the development with special emphases on the interface of homes and wildland fuels.

Lots A and B have a slight north slope with a stand of blue oaks along Lariat Drive. To the south of the trees the lots flatten and are covered in chamise (grease wood), manzanita, toyon and liveoak. There are a few scattered gray pines. Lots C and D are southwest facing and mostly covered in chamise and manzanita. There was a small wildfire in the southwest corner of lot D along Fallen Leaf Road.

The gray pines need to be eliminated. The brush should be masticated or removed to reduce a significant fire hazard. The blue oaks along Lariat Drive need to be pruned up 15'. Refer to Appendix A for guidelines.

The scope of the Lariat Drive Parcel Split Wildland Fire Safe Plan (Plan) recognizes the extraordinary natural features of the area and designs wildfire safety measures which are meant to compliment and become part of the community design. The Plan contains measures for providing and maintaining defensible space around future homes and open space. Plan implementation measures must be maintained in order to assure adequate wildfire protection.

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. The fire services should become a community partner providing homeowners with technical assistance as well as fire response. For this to succeed it must be shared and implemented equally by homeowners and the fire services.

El Dorado County Oak Tree Ordinance applies to the removal of any oak tree on any of the lots. Individual lot owners are responsible for being in compliance with this ordinance. The ordinance does not prevent the pruning of any oak tree that interferes with fire safe maintenance.

## FIRE PLAN LIMITATIONS:

The Wildland Fire Safe Plan for the Lariat Drive does not guarantee that wildfire will not threaten, damage or destroy natural resources, homes or endanger residents. However, the full implementation of the mitigation measures will greatly reduce the exposure of homes to potential loss from wildfire and provide defensible space for firefighters and residents as well as protect the native vegetation. Specific items are listed for homeowners' attention to aid in home wildfire safety.

## LARIAT DRIVE PARCEL SPLIT WILDLAND FIRE SAFE PLAN:

Currently roadside vegetation has been reduced and is maintained by the Strolling Hills Home Owners Association. Individual property owners will be responsible for maintaining the road frontage across their individual lots for at least 10' from the edge of the roadway surface. Driveways will vary in length depending on the actual siting of the residence. Driveways over 150' but less than 300' in length shall have a turnaround within 50' of the residence. Any driveway over 400' in length shall have a turnout near the mid-point. All driveways shall have 14' of horizontal clearance with 10' driving surface capable of supporting 75,000 pounds. Vertical clearance over the length of the driveway shall be 15'. The turnout shall be 80' in total length with 25' of taper on each end, 30' of length and 10' of width (See Appendix B). In addition to the turnout/s, a turnaround shall be installed at the new residence at the time of construction. A residential gate with opener may be installed. A gate shall be 2' wider than the driveway. If installed, it shall comply with an automatic opener. The opener must meet the requirements of County Fire (EDCFPD).

A Fuel Hazard Reduction Zone (FHRZ) along both sides of the driveway to the new residence shall be constructed and annually maintained. This FHRZ shall be 10' wide

along each side. Landscaping within this zone is permissible. All trees overhanging the driveway shall be pruned to provide 15' of vertical clearance. A FHRZ of 10' along Lariat Drive and Fallen Leaf Road shall also be established and annually maintained. All new driveways shall meet the 75,000 pound weight requirement for emergency vehicles as specified in the California Fire Code. All construction shall be in conformance with El Dorado County Department of Transportation (DOT) requirements.

All new home construction shall meet the Residential Building Code requirement for 7A construction since this project is within State Responsibility Area (SRA). Each new residence is required to have a NFPA 13D residential fire sprinkler system.

The topography and wildland fuels necessitate that all residences and buildings be in compliance with El Dorado county Vegetation Management and Defensible Space Ordinance 5101 and Public Resources Code (PRC) 4291. 100' of clearance is required. Appendix C provides a guideline. Ladder fuels need to be eliminated and tree canopy pruned up 8' from the surface of the ground. Irrigated landscaping and specimen trees are acceptable within this area. All flashy fuels (grass) shall be cut to a 2" stubble or disked. It is essential that the fuel reduction be done annually and maintained throughout the declared fire season.

## Fire Safe Requirements

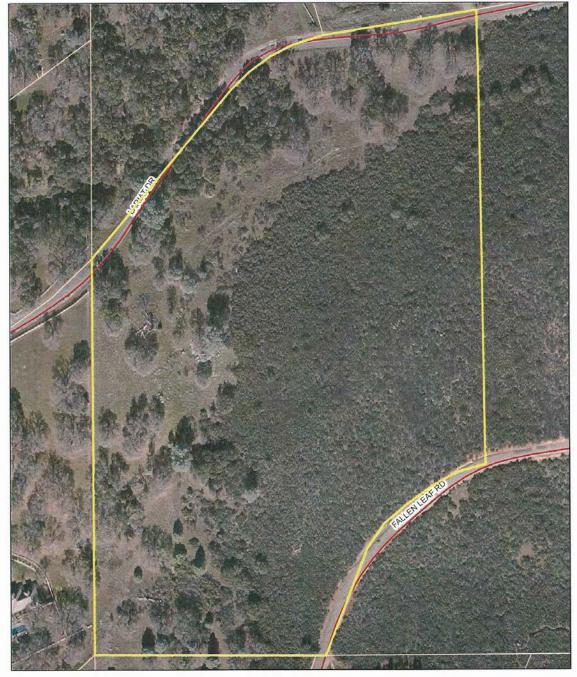
- Fuel Hazard Reduction Zones shall be installed and annually maintained along the road and driveway/s. This zone is to be a minimum of 10' on both sides of the driveway and along the front of the property adjacent to the street. This zone shall be maintained regularly by June 1 each year.
- Trees along the driveway and road shall be pruned up 15' so there are no overhanging limbs.
- Any brush pile created during construction shall have a minimum of 10' of clearance. Brush piles need to be disposed of and not left on site for more than 60 days.
- Clearance around all new house sites shall be 100'. All clearance shall be annually maintained by June 1.
- Any new residence shall be required to comply with the Wildland-Urban Interface 7A Residential Building Code for State Responsibility Areas (SRA).
- All new residences shall have a NFPA 13D fire sprinkler system engineered and installed by a licensed contractor.

- Driveways shall be constructed to a 12' width to the Fire Safe standards and as required by DOT.
- All residential gates must be inset from the roadway at least 30' and be 2' wider than the driveway. Gates may be required to have an automatic opener that meets the specifications of County Fire. Refer to El Dorado County Regional Fire Protection Standard #B-002.
- Turnouts are to be constructed and annually maintained (by June 1) to the standards specified by the Fire Safe Regulations adopted by El Dorado County.
- The home/property owners are responsible for any future fire safe or building code changes adopted by the state or local authority as warranted.
- All new residences will be required to comply with the El Dorado County Regional Fire Protection Standard #D-003, Fire Water Supply without a Purveyor. Due to the High Fire Hazard Severity Zone, a minimum of 5,000 gallons will be required. Domestic use and the needs of the fire sprinkler system will be in addition to the above water requirement amount.

Approval of the Wildland Fire Safe Plan does not guarantee approval of the project.

## <u>Appendix</u>

APN 109250016



Disclaimer: This depiction was compiled from unverified public and private sources and is illustrative only. No representation is made as to accuracy of this information. Parcel boundaries are particularly unreliable. Users make use of this depiction at their own risk.

Printed on 05/05/2020 from El Dorado County Surveyor's Office

0 100 200 300 Feet Map displayed in State Plane Coordinate System (NAD 1983 California Zone 2, feet)

Aerials Copyright 2003,2004,2007 AirPhotoUSA, LLC, All Rights Reserved



## **APPENDIX A**

## LARIAT DRIVE FIRE SAFE

## FUEL TREATMENT SPECIFICATIONS For

### **OAK WOODLAND**

### Within The Designated Fuel Treatment Areas

1. Leave live trees where possible.

2. Remove all dead trees.

3. Remove all brush.

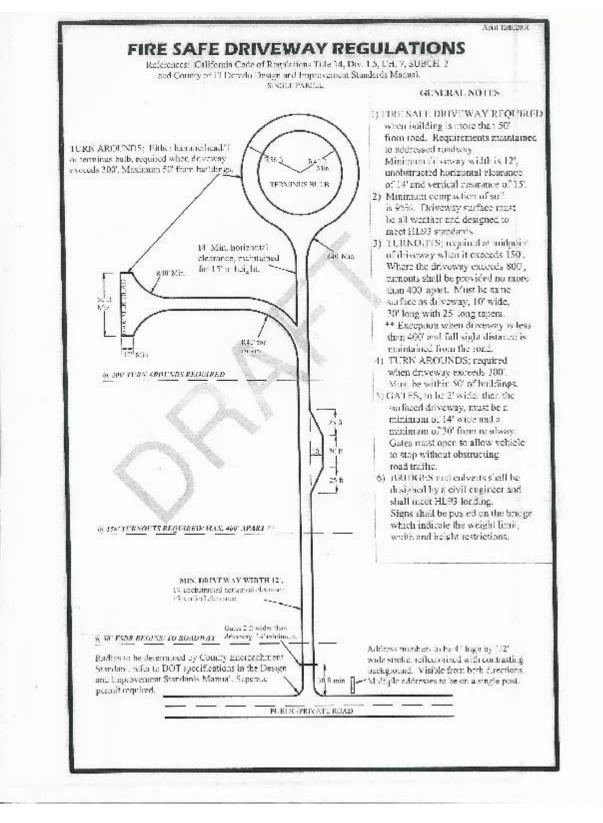
4. Prune all live trees of dead branches and green branches 8 feet from the ground as measured on the uphill side of the tree, except no more than 1/3 of the live crown is removed. All slash created by pruning must be disposed of by chipping, burning or hauling off site. Trees adjacent to the road and/or driveway shall be pruned up 15'.

5. Annually by June 1, along the road and driveway/s reduce the grass or weeds to a 2 inch stubble by mowing, chemical treatment, disking or a combination of treatments.

6. Gray pines within 30 feet of a structure shall be removed. Those pines within 100' of structures shall be isolated with no brush understory within the dripline of the tree.

## **APPENDIX B**

### LARIAT DRIVE



# APPENDIX C





# EL DORADO COUNTY REGIONAL FIRE PROTECTION STANDARD

 Fire Water Supply without a Purveyor

 Residential & Commercial

 STANDARD #D-003
 EFFECTIVE 01-04-2016

### 1. PURPOSE

1.1. The California Fire Code (CFC) requires an approved water supply capable of providing the required fire flow for fire protection to premises upon which facilities, buildings or portions of buildings which are hereinafter constructed or moved into within the jurisdiction. The CFC further explains that the water supply shall consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of providing the required fire flow. The CFC gives the minimum fire flow for residential one- and two-family dwellings as 1,000 gallons per minute for 60 minutes for dwellings 3,600 square feet or smaller. Many areas of El Dorado County do not have a water purveyor with piped underground supply lines to provide this fire flow. The tank size required to accomplish this minimum supply would be 60,000 gallons and the system would require a fire pump rated at 1000 gallons per minute for a single home. The CFC allows this supply to be reduced by 50% when the home is equipped with automatic fire sprinklers (AFS). This would still require 30,000 gallons of water storage plus the pumping system. The CFC gives the fire chief the authority to reduce the fire flow requirements for buildings in rural areas where the development of full fire flow requirements is impractical. The purpose of this standard is to communicate the minimum level of water storage and delivery system requirements for one- and two-family dwellings that can be approved under the reduced fire flow allowance within the fire jurisdictions that adopt this standard.

### 2. SCOPE

2.1. This standard identifies *minimum* fire water supply requirements for one- and two-family dwellings and associated buildings in rural and suburban El Dorado County where an adequate reliable water supply does not exist. The CFC allows the fire code official to use the NFPA 1142 standard or the California Wildland-Urban Interface Code to develop these modified local standards.

#### 3. EXEMPTIONS

3.1. Where El Dorado County has determined that no permit is required for construction.

#### 4. AUTHORITY

- 4.1. California Fire Code
- 4.2. NFPA 1142, NFPA 22, NFPA 24
- 4.3. California Wildland Urban Interface Code

Std. #D-003

Page 1 of 9

Rural Water -Residential Rev. 05/10/16



# EL DORADO COUNTY REGIONAL FIRE PROTECTION STANDARD

AUTOMATIC & MANUAL GATES ON FIRE ACCESS ROADWAYS &

STANDARD #B-002 E

EFFECTIVE 03-30-2009 REVISION 02-21-2019

### PURPOSE

It is the intent of this standard to provide for quick, reliable and easy access of emergency response fire apparatus into gated communities.

### **SCOPE**

This standard shall apply to all automatic gates in El Dorado County installing access control devices or systems.

### AUTHORITY

Chapter 5, Section 503 of the California Fire Code, 2016 Edition, requires that the installation of security gates across a fire apparatus access road shall be approved by the Fire Chief. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.

The Fire Chief is authorized to modify any of the provisions of this standard upon application in writing by the owner, a lessee, or a duly authorized representative where there are practical difficulties in the way of carrying out the provisions of this standard, provided that the spirit of the standard shall be complied with and public safety is secured. The particulars of such modification and the decision of the Fire Chief shall be entered upon the records of the Department and a signed copy shall be furnished to the applicant.

### **DEFINITIONS**

Roadway - any surface designed, improved, or ordinarily used for vehicle travel

**Driveway** - a vehicular access that serves no more than two buildings, with no more than three dwelling units on a single parcel, and any number of accessory

AHJ - agency having jurisdiction

Std. #B-002

Page 1 of 3

Automatic Gates on Fire Access Roads Rev. 01-02-2018