



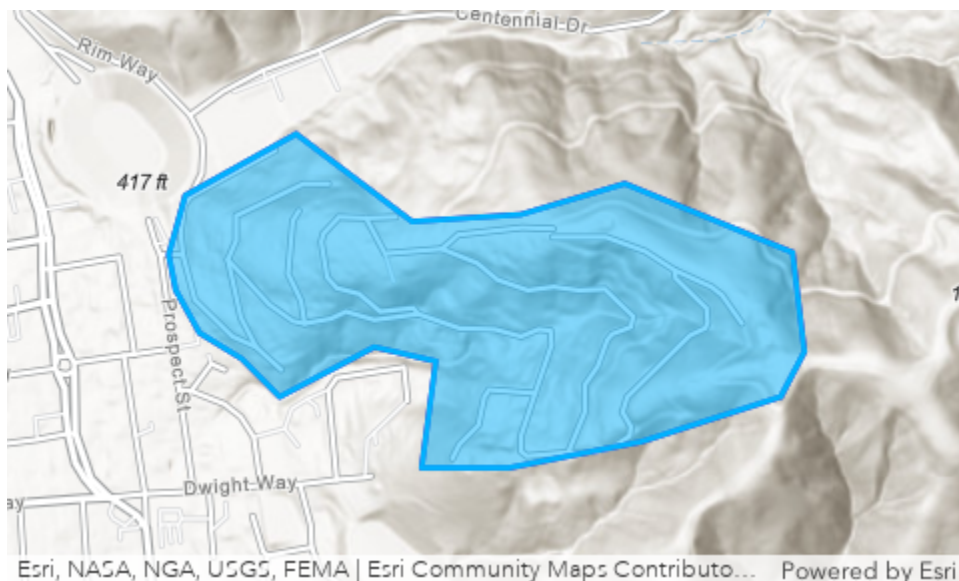
Subdivision Survey Report

Part I: Site Information

Subdivision Information

Subdivision Name:	Orchard	
Subdivision ID:	21-XAL-4B70	
Subdivision is located within:	<u>Responsibility Area</u>	<u>Fire Hazard Severity Zone</u>
	LRA	Very High

Map: Orchard



Address: 1 Orchard Ln

City: Berkeley

County: Alameda

CALFIRE Administrative Unit:
SCU - Santa Clara Unit

CAL FIRE Unit Contact:
Mike Marcucci

Primary Fire Protection Agency: City Fire Department

Comments: Oakland and Berkeley FD

Part II: Site Information and Fire Survey

Subdivision Description

Date Surveyed:

June 20, 2023

Estimated number of dwelling units

209

Survey Results

Type(s) of vegetation within and around the subdivision (check all that apply):

☒ Grass

☐ Brush

☒ Trees

☐ Timber

☐ Other:

Comments:

Topographic features within and around the subdivision (check all that apply):

☒ Canyon

☒ Chimneys

☒ Mid-slope

☒ Slope Setback

☒ Saddle

☒ Ridge Top

☐ Flat Land

Comments:

Residential structure types identified (check all that apply):

☒ Single Family

☒ Duplex

☒ Townhomes

☐ Apartments

☐ Mobile/Manufactured

☐ Other:

Comments:

Identified water source(s) availability (check all that apply):

☒ Hydrants

☐ Draft Hydrants

☐ Private Water Tanks

☐ No Water Source

☐ Wharf Hydrant

Comments:

Access and Evacuation

Is there a secondary egress route in the subdivision? (PRC 4290.5, 14 CCR 1267.01(a)(i)(ii))

☐ Yes

☒ No

Is the secondary egress route navigable by a passenger vehicle weighing 6,000 pounds or less, of equal construction standard of the primary road? (14 CCR 1267.01(a)(i))

Note: The secondary road does not have to be rated to carry the same quantity of traffic (e.g., a two-lane paved road and a one-lane paved road is acceptable).

☐ Yes

☒ No

Is there another road with locked gates or limited access; or a road that directs traffic to the same outlet road as the primary road or results in a circular traffic flow, to the extent practicable? (14 CCR 1267.01(a)(ii))

☒ Yes

☐ No

Comments:

Part III: Recommendations

Access and Evacuation Recommendations (check all that apply):

- ☒ Create a secondary access to the subdivision.
- ☐ Make improvements to the existing secondary access to the subdivision.
- ☒ Install reflective addressing signs for structures and roads in conformance with 14 CCR § 1274.01, 1274.02, 1274.03, and 1274.04 and the California Fire code, California Code of Regulations, title 24, part 9.
- ☒ Install reflective evacuation route street signs directing residents from their local roads to the nearest collector road(s) and/or arterial highway(s) (see California Highway Design manual for definitions), based on the standards for emergency management signing in the California Manual on Uniform Traffic Control Devices
- ☒ Where additional routes may exist, but with a gate that does not conform to the requirements in 14 CCR § 1273.09, recommend that gates (including private gates) remain unlocked during red flag warnings or high fire danger conditions.
- ☒ When side street parking narrows the road to a smaller width than the standards in 14 CCR § 1273.01, during red flag warnings or conditions of high fire danger, limit street parking so a wider pathway is available to support rapid evacuation.
- ☒ Conduct community-wide evacuations drills.
- ☒ Install reflective markers to indicate road edges or other areas of danger that might not be evident during periods of low visibility.

Comments: