Subdivision Survey Report

Part I: Site Information
Subdivision Information

Subdivision Name: Orchard
Subdivision ID: 21-XAL-4B70
Subdivision is located within:
Responsibility Area: LRA
Fire Hazard Severity Zone: 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
- ☑ Mid-slope
- ☑ Saddle
- ☑ Ridge Top
- ☑ Flat Land
- ☑ Chimneys
- ☑ Slope Setback

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: