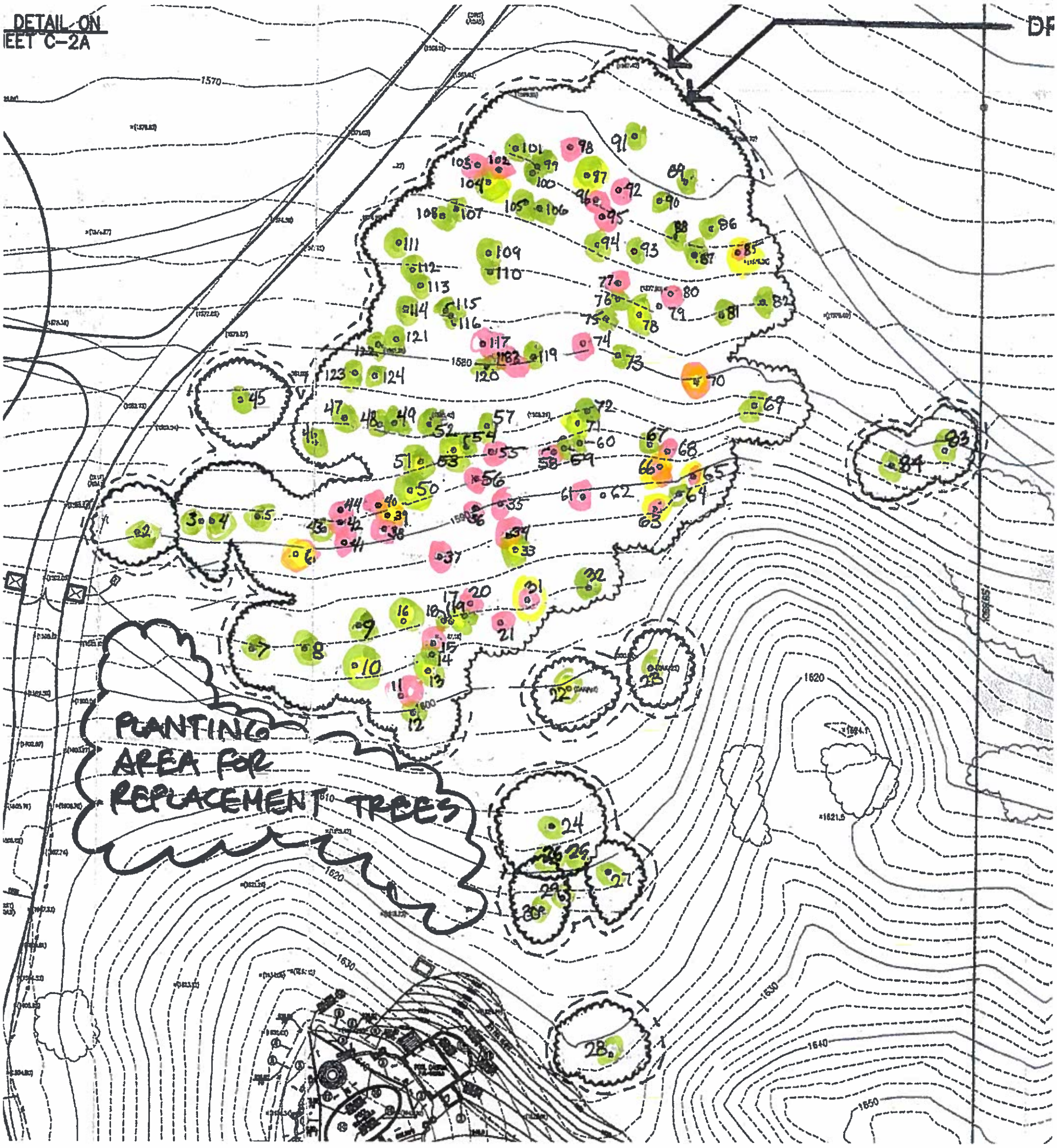
Rollins Rural Inn Project, R2015-01265, CDP 201500059, APN 4472-009-012
33528 Mulholland Highway, Malibu, 90265

Page	Illustration
2	View of H1 oak woodland from north, across agricultural field, non-native grassland
3	H1 oak woodland, note dead trees and sparse, non-native understory, 2015.09
4	H1 oak woodland, note dead trees and sparse, non-native understory, 2015.09
5	H1 oak woodland north end, note dead trees and sparse, non-native understory, 2015.09
6	H1 oak woodland, east end, note sparse, non-native understory, 2016.03
7	H1 oak woodland, new oak beside dead oak, 2016.03
8	H1 oak woodland,resprouted oak, 2016.03
9	H1 oak woodland, understory at southern end
10	H1 oak woodland damage, photo from Everett Rollins
11	H1 oak woodland damage, photo from Everett Rollins
12	H1 oak woodland damage, Oak #45, 2016.03
13	H1 oak woodland condition, 2016.03; 23% pink=dead; 8% yellow w/ orange circle = “dead” w/ resprout, subcategory of next; 15% yellow w/ green circle = 50% or less canopy; 60% green circle = over 50% canopy
14	Impact Sciences study of oak woodland on adjacent lot APN 4472-009-011, 3 quadrats; northern area had borer damage; southern quadrat 3 did not show damage
15	Impact Sciences study, Quad 3 photo, and photo of borer damage, APN 4472-009-011
16	Photo of Quad 3 area, note understory, APN 4472-009-011
17	Photo of Quad 3 area, note understory, APN 4472-009-011
18	Photo of Quad 1 area, note understory, APN 4472-009-011
19	Photo of indent area, note understory, APN 4472-009-011
20	Aerial of north project area, showing 200-ft. fuel modification lines

7


DETAIL ON
EET C-2A
PLANTING
AREA FOR
REPLACEMENT TREES
1570
1580
1620
1630
1640
1650

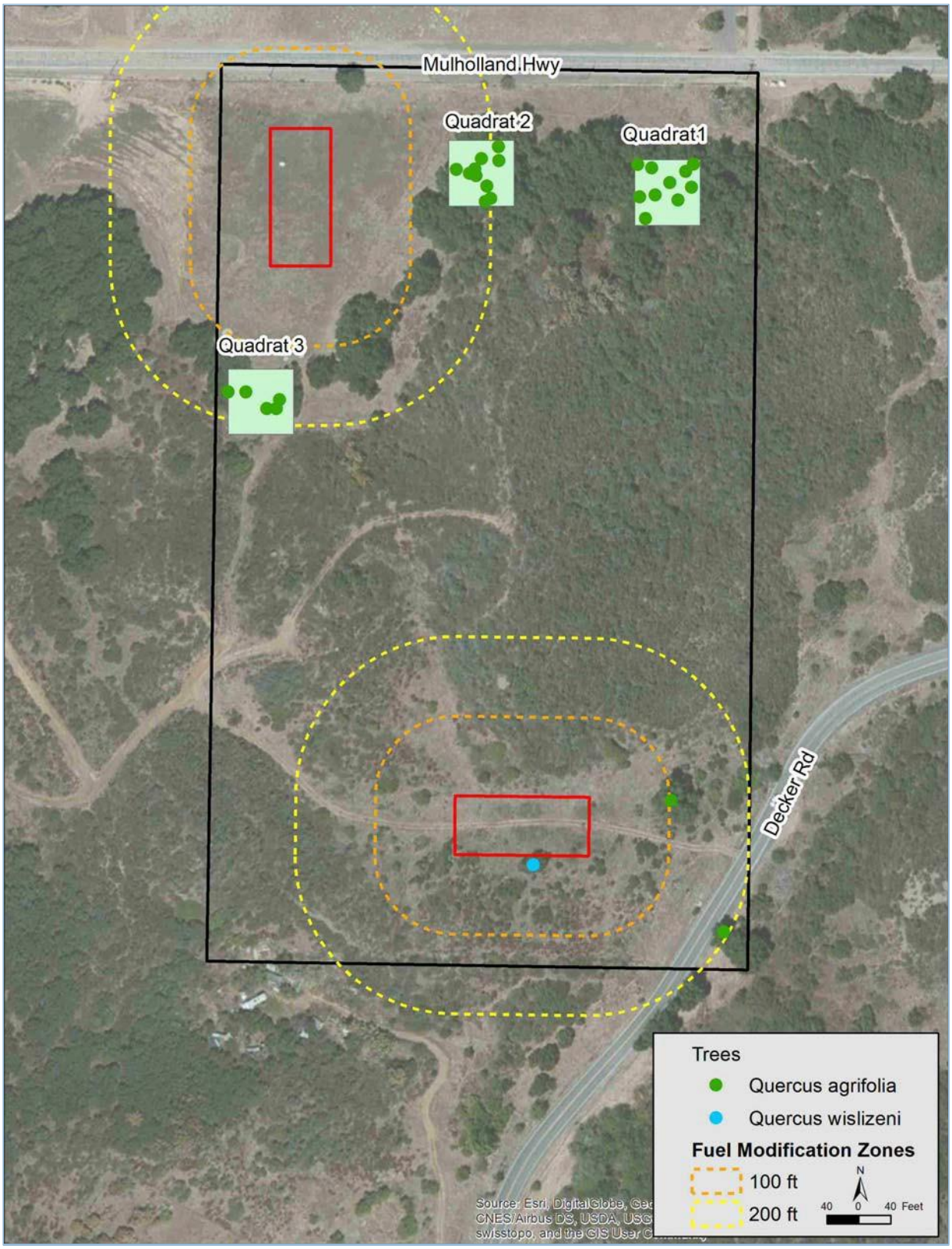
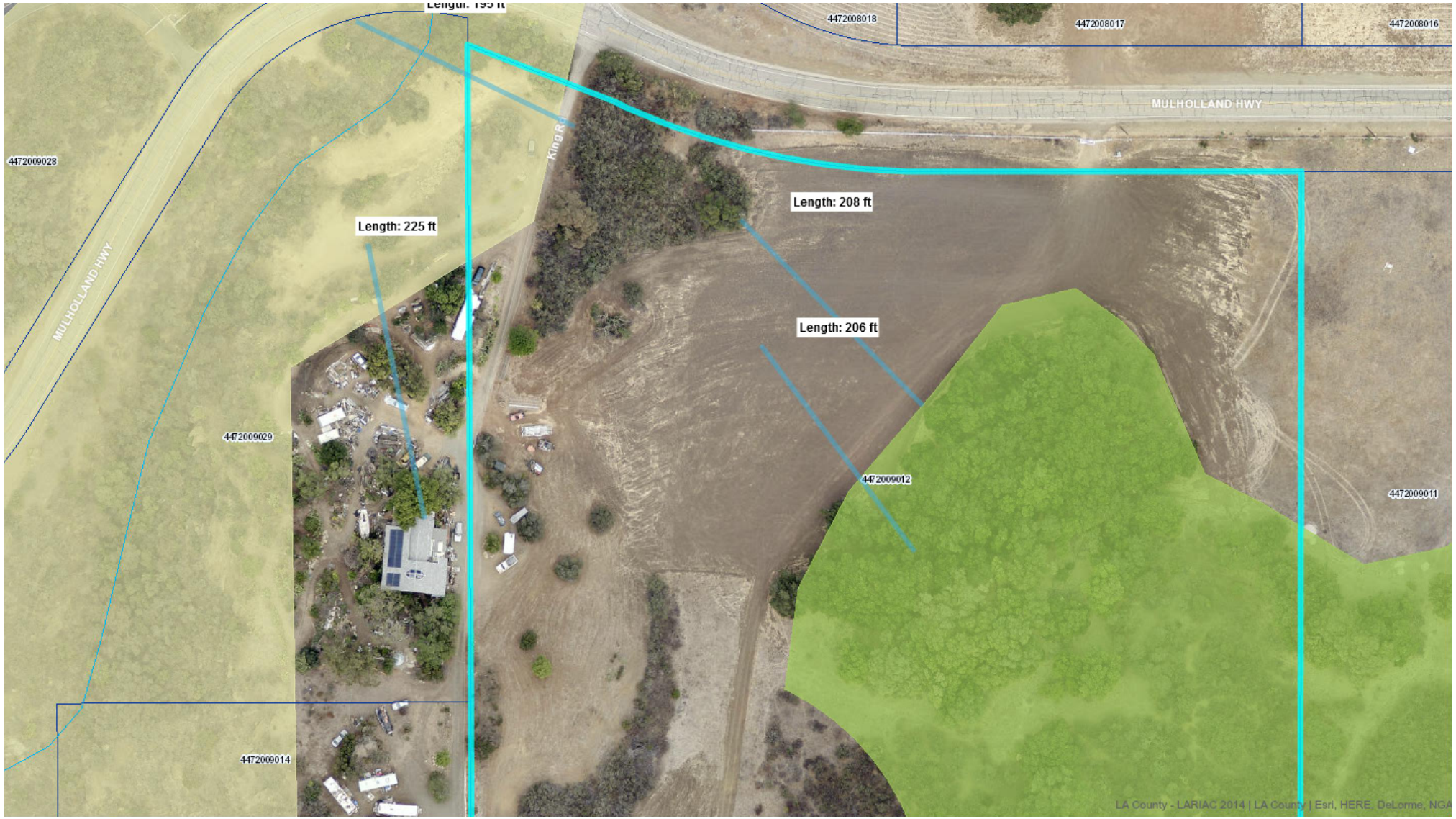


Figure 1. Overview of Tree and Plot Locations

Above: Quadrat 3, view from northeast corner toward southwest.

Left: holes made by a boring insect which may be contributing to tree mortality. Identification by a qualified entomologist or arborist is recommended due to concerns over infestation by invasive boring insects and potential for widespread mortality of oak forests in southern California.

Figure 5. Photographs of Quadrat 3 and Insect Infestation of Oak Trees



Mulholland Hwy, APN 4472-009-012

H1,H2,200-ft. Fuel Mod lines

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N

0 200

Feet

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