Table 1. Total Oak Trees Assessed

| Oak Species | Number With a <br> Known Location | Number Without a <br> Known Location | Total Number <br> Assessed by Arborists |
| :---: | :---: | :---: | :---: |
| Coast Live | 2691 | 14 | 2,705 |
| Scrub | 190 | 0 | 190 |
| Valley | 28 | 0 | 28 |
| Blue | 2 | 0 | 2 |
| Total | $\mathbf{2 9 1 1}$ | $\mathbf{1 4}$ | $\mathbf{2 9 2 5}$ |

Table 2. Oak Trees Potentially Affected by Project*

| Oak Species | Number Potentially <br> Affected by Project* | Number Offsite <br> Unaffected by Project | Total Number With a <br> Known Location |
| :---: | :---: | :---: | :---: |
| Coast Live | 1664 | 1027 | 2691 |
| Scrub | 173 | 17 | 190 |
| Valley | 26 | 2 | 28 |
| Blue | 0 | 2 | 2 |
| Total | $\mathbf{1 8 6 3}$ | $\mathbf{1 0 4 8}$ | $\mathbf{2 9 1 1}$ |

* Within 50 ft. of project site limits.

Table 3. Onsite Oak Trees That Meet County of Los Angeles Definition*

| Species | Number Potentially Affected <br> that Meet LA County <br> Definition of Oak Tree | Number Potentially Affected <br> that Do Not Meet LA County <br> Definition of Oak Tree | Number <br> Potentially <br> Affected by Project |
| :---: | :---: | :---: | :---: |
| Coast Live | 1363 | 301 | 1664 |
| Scrub | 25 | 148 | 173 |
| Valley | 21 | 5 | 26 |
| Blue | 0 | 0 | 0 |
| Total | $\mathbf{1 4 0 9}$ | $\mathbf{4 5 4}$ | $\mathbf{1 8 6 3}$ |

*See definition on Page 3.

Oak Tree Assessment for Lyons Canyon Ranch (Interim)
Project No. 03-0215
September 2005
Table 4. Onsite Oak Tree Pre-Fire Economic Values

| Oak Species | Number of Trees with <br> Known Location <br> Potentially Affected <br> by Project* | Value of Trees with <br> Known Location <br> Potentially Affected <br> by Project | Number of <br> Trees with <br> Unknown <br> Location | Value of Trees <br> with Unknown <br> Location | Maximum Number <br> of Trees Potentially <br> Affected by Project | Value of Maximum <br> Number of Trees <br> Potentially Affected <br> by Project |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Coast Live | $1363(1)$ | $26,118,390$ | 14 | 467,300 | $1377(1)$ | $26,585,690$ |
| Scrub | 25 | 136,000 | 0 | 0 | 25 | 136,000 |
| Valley | $21(1)$ | 609,000 | 0 | 0 | $21(1)$ | 609,000 |
| Blue | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | $\mathbf{1 4 0 9 ( 2 )}$ | $\mathbf{\$ 2 6 , 8 6 3 , 3 9 0}$ | $\mathbf{1 4}$ | $\mathbf{\$ 4 6 7 , 3 0 0}$ | $\mathbf{1 4 2 3 ( 2 )}$ | $\mathbf{\$ 2 7 , 3 3 0 , 6 9 0}$ |

* Numbers in parentheses represent dead (pre-fire) trees

Table 5. Impacts of Project on Onsite Oak Trees

| Oak Species | Number of <br> Lost Trees | Value of <br> Lost Trees | Number of <br> Encroached <br> Trees | Value of <br> Encroached <br> Trees | Number of <br> Protected <br> Trees | Value of <br> Protected <br> Trees | Total <br> Number | Total <br> Value |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Coast Live | $168(1)$ | $4,090,830$ | 69 | $1,865,700$ | 1126 | $20,161,860$ | $1363(1)$ | $26,118,390$ |
| Scrub | 5 | 30,000 | 1 | 7,100 | 19 | 98,900 | 25 | 136,000 |
| Valley | 6 | 90,900 | 5 | 252,600 | $10(1)$ | 265,500 | $21(1)$ | 609,000 |
| Blue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | $\mathbf{1 7 9 ( 1 )}$ | $\mathbf{\$ 4 , 2 1 1 , 7 3 0}$ | $\mathbf{7 5}$ | $\mathbf{\$ 2 , 1 2 5 , 4 0 0}$ | $\mathbf{1 1 5 5 ( 1 )}$ | $\mathbf{\$ 2 0 , 5 2 6 , 2 6 0}$ | $\mathbf{1 4 0 9 ( 2 )}$ | $\mathbf{\$ 2 6 , 8 6 3 , 3 9 0}$ |

Table 6. Impacts of Project on Onsite Heritage Oak Trees

| Oak <br> Species <br> Heritage <br> Trees | Number of <br> Lost <br> Trees | Value of Lost <br> Heritage <br> Trees | Number of <br> Encroached <br> Heritage <br> Trees | Value of <br> Encroached <br> Heritage <br> Trees | Number of <br> Protected | Value of <br> Protected <br> Heritage Trees | Total Number <br> of Heritage <br> Trees |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Coast Live | 17 | $1,349,000$ | 8 | 587,400 | 52 | Total Value of <br> Heritage Trees |  |  |
| Scrub | 0 | 0 | 0 | 0 | $0,310,900$ | 77 |  |  |
| Valley | 0 | 0 | 3 | 230,100 | $2(1)$ | 0 | 0 | 0 |
| Blue | 0 | 0 | 0 | 0 | 0 | 77,200 | $5(1)$ | 0 |
| Total | $\mathbf{1 7}$ | $\mathbf{\$ 1 , 3 4 9 , 0 0 0}$ | $\mathbf{1 1}$ | $\mathbf{\$ 8 7 7 , 5 0 0}$ | $\mathbf{5 4 ( 1 )}$ | $\mathbf{\$ 3 , 3 8 8 , 1 0 0}$ | $\mathbf{8 2 ( 1 )}$ | $\mathbf{8 5 , 5 5 4 , 6 0 0}$ |

## Definitions

## Oak Tree:

" ... any tree of the oak genus which is (a) 25 inches or more in circumference (eight inches in diameter) as measured four and one-half feet above mean natural grade; in the case of an oak with more than one trunk, whose combined circumference of any two trunks is at least 38 inches ( 12 inches in diameter) as measured four and one half feet above mean natural grade ... " (Los Angeles County Oak Tree Ordinance 22.56.2060)

## Protected Zone:

" ... area within the dripline of an oak tree and extending therefrom to a point at least five feet outside the dripline, or 15 feet from the trunks of a tree, whichever distance is greater ... " (Los Angeles County Oak Tree Ordinance 22.56.2060)

## Heritage Oak:

" ... either of the following: any oak tree measuring 36 inches or more in diameter, measured four and one-half feet above the natural grade; any oak tree having significant historical or cultural importance to the community, notwithstanding that the tree diameter is less than 36 inches ... " (Los Angeles County Oak Tree Ordinance 22.56.2090)

## Lost Tree:

Any tree, the centerpoint of which is located within the grading limits of the project.

## Encroached Tree:

Any tree, the protected zone of which is located within the grading limits of the project.

## Protected Tree:

Any tree that is neither lost nor encroached.

Oak Tree Assessment for Lyons Canyon Ranch（Interim）
Project No．03－0215
September 2005


## Lyons Canyon Ranch Project

Oak Trees Assessed


Property Boundary
－Oak Trees

Map created： 13 September 2005
David Magney Environmental Consulting Aerial Photo：March 2003，AirPhoto USA Projection：NAD 1983，CA State Plane V（feet）


Oak Tree Assessment for Lyons Canyon Ranch (Interim)
Project No. 03-0215
September 2005



Lyons Canyon Ranch Project
Onsite Oak Trees
Oak Trees by Species
$\diamond$ Coast Liv

$\triangle$ Scrub Oak

- Valley Oa

Map created: 27 September 2005
David Magney Environmental Consulting Aerial Photo: March 2003, AirPhoto USA Projection: NAD 1983, CA State Plane V (feet)



Lyons Canyon Ranch Project
$\square$ Property Boundary
Grading Limit

## Oak Trees

Onsite Oak Trees
Project Impact

- Lost
- Encroached
- Protected

Map created: 27 September 2005
David Magney Environmental Consulting Aerial Photo: March 2003, AirPhoto USA Projection: NAD 1983, CA State Plane V (feet)


Oak Tree Assessment for Lyons Canyon Ranch (Interim)
Project No. 03-0215
September 2005



Lyons Canyon Ranch Project
Onsite Heritage Oak Trees


Property Boundary
Heritage Oaks by Species

- Coast Live Oak
$\triangle$ Valley Oak
Map created: 13 September 2005
David Magney Environmental Consulting Aerial Photo: March 2003, AirPhoto USA
Projection: NAD 1983, CA State Plane V (feet)



Lyons Canyon Ranch Project Onsite Heritage Oak Trees Project Impact

## Heritage Oak Trees

－Lost
－Encroached
－Protected

Map created： 13 September 2005
David Magney Environmental Consulting
Aerial Photo：March 2003，AirPhoto USA Projection：NAD 1983，CA State Plane V（feet）


