

# ***OAK TREE REPORT***

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***Malibu Family Wines  
32111 Mulholland Hwy.  
Malibu, CA***

*Prepared For*

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*October 15, 2013*

**LDC**

**LAND DESIGN CONSULTANTS, INC.**

*Land Planning, Civil Engineering, Surveying & Environmental Services*

# ***OAK TREE REPORT***

**Malibu Family Wines  
32111 Mulholland Highway  
Malibu, CA 90265**

## **Applicant**

**Malibu Family Wines  
32111 Mulholland Highway  
Malibu, CA 90265**

## **Prepared By**

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**LDC Project No.: 13009-001**

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## INTRODUCTION

The following report describes the general condition and potential impacts to the 77 ordinance-sized oak trees located within 200 feet of the proposed grading (project area) associated with the Site Plan for the subject property at 32111 Mulholland Highway, in the Malibu area of unincorporated Los Angeles County. The subject property occupies a total of approximately 7.56 acres that is part of the Malibu Family Winery. A Lot Line Adjustment is proposed as part of the project development, which will increase the overall project acreage to 9.14. The vineyards associated with the Malibu Family Winery are located to the north and east of the subject property. Scattered residential properties are located to the south and west of the property.

All 77 of the surveyed oaks within 200 feet of the proposed impacted areas are coast live oaks (*Quercus agrifolia*). In addition to the ordinance sized trees discussed herein, there are several additional non-ordinance size oak trees on the property or within the 200 foot buffer envelope. These trees were generally counted and noted for reference on our field maps, but are not included in this report nor individually illustrated on the attached Oak Tree Location & Impact Map.

None of the 77 ordinance-sized oak trees surveyed for this report are proposed for removal. Eighteen (18) oak trees are proposed to have encroachment into their protected zone. Fifty-nine (59) oak trees are to remain with no impact. None of the 77 surveyed oak trees qualify as heritage oak trees based on their trunk diameter.

Of the 77 oaks surveyed, two (2) oak trees (2%) received an “A” grade, thirty-six (36) oak trees (48%) received a “B” grade and thirty-four (34) oaks (44%) earned a “C” grade at the time of the surveys. Four (4) oak tree (5%) received a “D” grade because of failing health and one (1) oak tree (1%) received an “F” grade because the tree showed no signs of life. This report identifies the extent of the potential impacts and recommends management and/or mitigation measures where appropriate.

**DEFINITIONS & SURVEY METHOD**

The County of Los Angeles has established the Oak Tree Permit, in part, "...to recognize oak trees as significant historical, aesthetic and ecological resources, and as one of the most picturesque trees in Los Angeles County, lending beauty and charm to the natural and manmade landscape, enhancing the value of property, and the character of the communities in which they exist; and to create favorable conditions for the preservation and propagation of this unique, threatened plant heritage, particularly those trees which may be classified as heritage oak trees, for the benefit of current and future residents of Los Angeles County." (Ord. 88-0157 § 1, 1988; Ord. 82-0168 § 2 (part), 1982.) An Oak Tree Permit is required prior to cutting, destroying, removing, relocating, inflicting damage, or encroaching into the protected zone of any tree of the oak genus, which is eight (8) inches or more in diameter for a single trunk-tree, or whose two largest combined trunks equal 12 inches in diameter as measured 4 ½ feet above mean natural grade (22.56.2060 (A)). The protected zone includes the area within the dripline of an oak tree and extends to a point at least five feet outside the dripline, or 15 feet from the trunk of a tree, whichever distance is greater (22.56.2060 (C)).

In the County of Los Angeles, trees with a diameter breast height (DBH) of 36" or more are considered to be "heritage" trees. However, trees that do not meet this criterion may be classified as heritage trees by the County of Los Angeles if the tree has been determined to have "significant historical or cultural importance to the community". No oak trees for this report meet the 36"-diameter size requirement for heritage (H) trees.

This oak tree report complies with the requirements set forth in 22.56.2090 (F)(1a-f), which indicates that the report evaluate the physical structure, aesthetics, and health of each tree in the development area or within 200 feet of the proposed development. In this case, "development" refers to selective grading in areas designated for such uses as residential lots, slopes, future streets, etc.

LDC surveyed and tagged oak trees with a diameter between five- (5) inches and eight- (8) inches and are noted (per SB 1334) but are not included in this report. Only one (1)

tree (tree #21) fell within this parameter. As a result, a total of 77 oak trees are included in this report.

The oak trees were visually surveyed and tagged by LDC in the field on April 17 and 23, 2013. The trees were numbered and tagged with a circular metal tag 1½" in diameter that, unless otherwise noted on the field data sheets, was placed on the north side of the trunk at breast height.

Each tree was evaluated for a variety of health, structural, and aesthetic qualities as indicated on the field inspection worksheets in Appendix I. The tree number, location, canopy, and protected zone of each tree are mapped on the enclosed "Oak Tree Location & Impact Map". The following discussion expands on the information summarized in the field survey worksheets attached in Appendix I.

Trunk diameter is measured at "diameter breast height" (DBH), approximately 4½ feet (54") above the natural grade. This measurement is most appropriate for trees with vertical growth forms. Oak trees often have large lateral branches diverging from the trunk at or near 4½ feet. Measuring a tree of this type at exactly 4½ feet above natural grade would often result in an inaccurate impression of tree size. For trees that exhibit lateral branching at DBH, the trunk diameter measurement is made at the nearest point where the measurement can be accomplished without being impeded by the branches. For multi-trunk trees, the number of trunks and the diameter (DBH) of each trunk is recorded.

Evaluation of canopy characteristics includes the dripline radius. The dripline radius is measured along a line extending from the center of the trunk outward in four magnetic compass directions. The measurement is made from the outer edge of the trunk to the outermost living part of the tree. In some cases, where a tree has several trunks growing in a ring, the dripline radius is measured from the center of the ring. Use of this measurement is noted under comments and notes when used. The canopy-spread measurement is the maximum canopy diameter of the tree in question.

Tree injuries leave the tree vulnerable to many potential sources of damage and disease. Insect pests will take advantage of an injury to invade exposed wood and cambium. Some fungi, which break down wood, will also take advantage of a wound to enter the tree. These fungi will result in the softening of the wood called heart rot. Heart rot, in combination with the activities of insects, animals and/or fire, will eventually produce cavities in the trunk or major branches of the tree.

Structural stability also affects the potential survival of a tree. Trees that are structurally unstable are assumed to have a shorter potential life span than structurally stable trees. Oaks frequently grow in loose soil on steep slopes; this soil is prone to down slope movement, resulting in trees that have been undermined and lean precariously down hill. The action of streams, as described above, also results in unstable trees. Young oaks are highly phototropic (growing toward light). In woodland environment this trait often causes young trees to grow toward an opening in the canopy that may be far from directly overhead, resulting in a poorly balanced tree. Another common cause of structural instability is severe cavitations or mechanical damage as described above.

The most common health problem affecting oak trees is some form of biological infestation. Almost all oak trees have sub-critical infestations of one type or another. Only when the tree has been severely injured are the infesting organisms able to invade the tree and become a severe problem. Termites are one of the most common pests to utilize oak trees as a food source. Termites eat only dead wood and must enter the tree through an opening in the bark or root. Most oaks have a limited (and usually harmless) number of termites in the smaller terminal twigs and branches that have died. Wood boring beetles are similar to termites in their requirements and have a similar affect on the tree. Only when the infestation becomes severe do wood eating insects pose a threat to the tree. However, beetles that eat cambium can be a serious threat to a tree even in small numbers. Cambium eaters can easily kill a small branch or trunk by girdling the structure and curtailing the flow of nutrients through the cambium.

There are a host of other insects and arthropods, which utilize oaks in a variety of ways. In natural situations these potential threats are kept in check by abundant natural enemies and the oak's natural protective features. Climbing plants, though not technically an infestation, are also included in this category.

### **INFLUENCE OF CONSTRUCTION-RELATED ACTIVITIES**

Soil compaction inhibits the natural exchange of gases between the feeder roots and the atmosphere and restricts water percolation to the root zone. This alteration of the gas and water balance in the soil can inhibit the growth of the oaks, weaken them and make them more susceptible to disease. This soil compaction under a tree can cause serious root damage and crown loss over an extended period of time.

Grade-changes within the drip line and root zone of the oaks may directly lead to injury or death of the tree. Removing soil around oak trees may result in the shallow feeder roots being cut, damaged, or exposed by the scraping away of topsoil. This may reduce the tree's ability to take up water and nutrients from the soil. The placement of soil under oak trees, on the other hand, may cover the feeder root system and reduce soil aeration and gas exchange to the roots. When deprived of oxygen, the roots of oak trees can suffocate resulting in death of the tree.

Changes to the site's drainage pattern and/or water table may have a negative effect on oak trees. The placement of fill material beyond the tree's canopy may result in change in drainage or water movement so that soil under the tree becomes saturated, which may result in the weakening of the tree and an increased susceptibility to crown or root rot. Extensive cuts away from trees may also change drainage patterns and cause the soil to dry more rapidly in the summer. The result can be insufficient moisture available to the trees. This lack of available water may result in the death of the tree or may weaken the tree causing a greater susceptibility to disease.

Each tree was assigned two letter grades, one health rating and one aesthetic and conformity rating. The health and aesthetic ratings of the trees are based on the archetype

tree of the same species through a subjective evaluation of its health, aesthetic value, and ecological value. The health of the tree depends on the level of damage caused by infestation of various pests including termites, wood boring beetles, cambium eating beetles, fungus of various types, climbing plants, and parasitic plants (i.e., mistletoe), or fire.

While the aesthetic value of a tree is subjective, a tree is usually considered highly aesthetic if it has generally dense foliage, a relatively uniform or spectacular irregular shape, and large size. Ecological value is based on many factors, not all of which have a positive correlation with the health and aesthetic value of the tree. Most important is the likelihood that the tree will continue to survive.

The following criteria were used to establish each grade:

*"A" = Outstanding:*

Exceptional trees, mostly of large size, of good growth form with often large spreading crown, exhibiting very good to excellent health with mostly normal necrosis and a minimum of pathological symptoms and a minimum of fire damage. Some of these trees may have some trunk cavitation and some disease symptoms, but these are not considered detrimental to the overall health of the tree. The trees are large and overall attractive.

*"B" = Above Average:*

Good to very good trees but either not of large size or tending to show some necrotic or pathological symptoms or minor fire damage. Most of these trees have some dieback and may have some brooming (regrowth) and all have normal amounts of normal stem dieback. These are basically good trees with a strong potential for continued survival.

*"C" = Average:*

Average, moderately good trees whose growth habit and pathological or fire-induced symptoms indicate an equal chance to either decline or continue in the

future. Most of these trees would have moderate stem and branch dieback, some bark exfoliation, or stem cavitation with rot, and relatively moderate fire damage. They may also show various amounts of insect damage to leaves etc. or are impacted and shaded or crowded by adjacent trees in such a way that it is expected to negatively affect the tree.

*"D" = Below Average/Poor*

Declining trees with a reduced chance of survival due to excessive fire damage, or strong-stem or branch dieback caused by crowding, shading or various pathological conditions. These would not be expected to survive over the long term and generally show partial foliage. However, some may show sucker shoots or crown-sprouting that have developed after the fire and are expected to survive over the long term.

*"F" = Dead:*

This tree exhibits no signs of life whatsoever.

## **PROJECT IMPACTS**

The applicant is proposing the expansion of the winery on the 9.14-acre (including Lot Line Adjustment) site. The expansion will include a 17,500 square-foot building for wine production with approximately 1,000 square feet of administration office space, a 2,075 square-foot building for wine tasting with a 1,500 square feet of outdoor patio area, associated parking, and the realignment of the access road to the new structures. Illustrated on the Oak Tree Location and Impact Map are the location and canopies of the ordinance-sized oak trees located within 200 feet of the proposed grading. Seventy-seven (77) surveyed and tagged ordinance-sized oak trees fell within this limit. **None of the 77 oak trees are proposed for removal. Eighteen (18) oak trees are proposed to have encroachments within their protected zones. Fifty-nine (59) oak trees will remain with no impact.**

The following table summarizes the proposed status of each tree. The species is noted after the tree number in a code. The overall grade for each tree is also noted. The comment column gives a brief statement, if necessary. See the notes at the bottom of the summary table for a key to the species and impact status.

| Tree No. | Species | DBH (inches)             | Overall Grade | Impact Status |   |   | Comment   |
|----------|---------|--------------------------|---------------|---------------|---|---|---|
|          |         |                          |               | N I           | R | E |   |
| 1        | QA      | 12                       | B             | ✓             |   |   |   |
| 2        | QA      | 23                       | B             |               |   | ✓ | Grading for debris basin encroaches 1' into canopy  |
| 3        | QA      | 9.5, 15                  | B             | ✓             |   |   |   |
| 4        | QA      | 11.5, 14, 16.5           | B-            |               |   | ✓ | Grading for road encroaches 1' into canopy; storm drain encroaches 1' into canopy   |
| 5        | QA      | 10, 12, 23, 24.5         | C-            |               |   | ✓ | Grading for road encroaches 10' into canopy; storm drain encroaches 14' into canopy   |
| 6        | QA      | 12, 12.5, 14, 14.5, 15.5 | D             |               |   | ✓ | Grading for road encroaches 3' into PZ; storm drain encroaches <1' into PZ  |
| 7        | QA      | 13, 13.5                 | C             |               |   | ✓ | Grading for road encroaches 4' into canopy  |
| 8        | QA      | 10.5, 12, 12.5           | B-            | ✓             |   |   |   |
| 9        | QA      | 7.5, 9, 10, 11, 12       | B             | ✓             |   |   |   |
| 10       | QA      | 11, 12.5                 | B             |               |   | ✓ | Grading for road encroaches 3' into PZ  |
| 11       | QA      | 11                       | B             |               |   | ✓ | Grading for road encroaches 1' into PZ  |
| 12       | QA      | 12.5                     | B             | ✓             |   |   |   |
| 13       | QA      | 25.5                     | C             |               |   | ✓ | Grading for road encroaches 2' into canopy  |
| 14       | QA      | 8                        | D             | ✓             |   |   |   |
| 15       | QA      | 19.5                     | C             |               |   | ✓ | Grading for road encroaches 3' into canopy  |
| 16       | QA      | 9.5                      | C             |               |   | ✓ | Grading for road encroaches 1' into PZ  |
| 17       | QA      | 21                       | C             | ✓             |   |   |   |
| 18       | QA      | 16                       | C             |               |   | ✓ | Grading for road encroaches 6' into canopy  |
| 19       | QA      | 20.5                     | C             |               |   | ✓ | Grading for road encroaches 10' into canopy   |
| 20       | QA      | 25.5                     | C-            |               |   | ✓ | Grading for road encroaches 10' into canopy - approx. 11' from trunk; retaining wall encroaches 7' into canopy – 13' from trunk |
| 22       | QA      | 9.5, 11, 13, 16          | C-            | ✓             |   |   |   |
| 23       | QA      | 1, 2, 8, 12              | C             | ✓             |   |   |   |
| 24       | QA      | 7, 8, 9, 10, 16          | C             |               |   | ✓ | Retaining wall encroaches 4' into canopy  |
| 25       | QA      | 19.5                     | B             | ✓             |   |   |   |
| 26       | QA      | 4, 8, 8.5                | C-            | ✓             |   |   |   |
| 27       | QA      | 4, 9.5, 10.5             | C             | ✓             |   |   |   |

| Tree No. | Species | DBH<br>(inches)                                 | Overall<br>Grade | Impact Status |   |   | Comment                                       |
|----------|---------|---|------------------|---------------|---|---|---|
|          |         |   |                  | N I           | R | E |   |
| 28       | QA      | 11, 12  | C                | ✓             |   |   |   |
| 29       | QA      | 2.5, 8, 8.5,<br>9                               | C                | ✓             |   |   |   |
| 30       | QA      | 3, 9.5, 11.5                                    | B                | ✓             |   |   |   |
| 31       | QA      | 9, 12, 20,<br>21                                | B-               | ✓             |   |   |   |
| 32       | QA      | 27  | C+               | ✓             |   |   |   |
| 33       | QA      | 19.5  | B                | ✓             |   |   |   |
| 34       | QA      | 15.5  | B                |               |   | ✓ | Road improvements encroach<br><1' into PZ     |
| 35       | QA      | 13.5, 15, 16                                    | C                |               |   | ✓ | Grading for road encroaches 6'<br>into canopy |
| 36       | QA      | 10.5, 14.5,<br>16.5, 17                         | A-               | ✓             |   |   |   |
| 37       | QA      | 24  | A                |               |   | ✓ | Road improvements encroach 2'<br>into PZ      |
| 38       | QA      | 21.5  | B                | ✓             |   |   |   |
| 39       | QA      | 5.5, 6, 6,<br>8.5, 9, 10                        | B                | ✓             |   |   |   |
| 40       | QA      | 2, 2.5, 3,<br>3.5, 7.5,<br>7.5, 7.5, 8,<br>8, 9 | B                | ✓             |   |   |   |
| 41       | QA      | 1.5, 5.5,<br>5.5, 9.5,<br>11.5                  | B-               | ✓             |   |   |   |
| 42       | QA      | 25  | B                | ✓             |   |   |   |
| 43       | QA      | 6.5, 9.5, 15                                    | B                | ✓             |   |   |   |
| 44       | QA      | 10, 12  | B                | ✓             |   |   |   |
| 45       | QA      | 3.5, 6.5,<br>7.5, 11                            | B                | ✓             |   |   |   |
| 46       | QA      | 10.5, 11.5                                      | B                | ✓             |   |   |   |
| 47       | QA      | 6.5, 7, 12,<br>13.5                             | B-               | ✓             |   |   |   |
| 48       | QA      | 17  | B                | ✓             |   |   |   |
| 49       | QA      | 5.5, 7  | D                | ✓             |   |   |   |
| 50       | QA      | 6, 10   | C-               | ✓             |   |   |   |
| 51       | QA      | 6.5, 8, 18                                      | C-               | ✓             |   |   |   |
| 52       | QA      | 7, 12.5, 15,<br>16                              | C                | ✓             |   |   |   |
| 53       | QA      | 8   | F                | ✓             |   |   |   |
| 54       | QA      | 4.5, 6, 6                                       | C                | ✓             |   |   |   |
| 55       | QA      | 6, 8.5, 8.5,<br>10, 13, 13                      | C                | ✓             |   |   |   |
| 56       | QA      | 8.5, 10,<br>12.5                                | D                | ✓             |   |   |   |
| 57       | QA      | 5.5, 8  | C                | ✓             |   |   |   |
| 58       | QA      | 10, 16  | B                | ✓             |   |   |   |
| 59       | QA      | 13, 15  | C                | ✓             |   |   |   |
| 60       | QA      | 13.5  | C                | ✓             |   |   |   |
| 61       | QA      | 12.5, 15  | C                | ✓             |   |   |   |
| 62       | QA      | 9, 13   | C                | ✓             |   |   |   |
| 63       | QA      | 11, 15, 16                                      | C                | ✓             |   |   |   |

| Tree No.                                       | Species | DBH (inches)        | Overall Grade | Impact Status |          |                  | Comment  |
|--|---------|---------------------|---------------|---------------|----------|------------------|--|
|  |         |                     |               | NI            | R        | E                |  |
| 64   | QA      | 13, 15              | B             | ✓             |          |                  |  |
| 65   | QA      | 12, 18.5            | B             | ✓             |          |                  |  |
| 66   | QA      | 15                  | B             | ✓             |          |                  |  |
| 67   | QA      | 11.5, 13            | B             | ✓             |          |                  |  |
| 68   | QA      | 11.5, 16, 19        | C             | ✓             |          |                  |  |
| 69   | QA      | 20.5                | B             | ✓             |          |                  |  |
| 70   | QA      | 2.5, 4, 6, 11       | B-            | ✓             |          |                  |  |
| 71   | QA      | 3, 9, 23            | B             | ✓             |          |                  |  |
| 72   | QA      | 18                  | B             | ✓             |          |                  |  |
| 73   | QA      | 6, 10               | B             | ✓             |          |                  |  |
| 74   | QA      | 12                  | C             | ✓             |          |                  |  |
| 75   | QA      | 8, 16               | C             | ✓             |          |                  |  |
| 76   | QA      | 13, 15, 16, 16      | B             |               |          | ✓                | Grading for debris basin encroaches 4' into PZ |
| 77   | QA      | 3, 7.5, 9           | C             | ✓             |          |                  |  |
| 78   | QA      | 3, 4, 11, 14        | C+            | ✓             |          |                  |  |
| <b>TOTAL</b>                                   |         |                     |               | <b>59</b>     | <b>0</b> | <b>18</b>        |  |
| NI = NO IMPACT                                 |         |                     |               | R = REMOVAL   |          | E = ENCROACHMENT |  |
| DBH = Diameter at Breast Height                |         | PZ = Protected Zone |               |               |          |                  |  |
| QA = <i>Quercus agrifolia</i> (Coast Live Oak) |         |                     |               |               |          |                  |  |

## MITIGATION MEASURES

None of the 77 oak trees surveyed are proposed for removal. Eighteen (18) oak trees will sustain permanent or temporary encroachments within their protected zones. Therefore, special care must be taken during grading to minimize impacts to the tree roots and canopy in the protected zone. Implementation of the following measures will insure that the roots and canopy in the protected zone will not be significantly affected.

1. The applicant shall be responsible for notifying the County Forester of any changes in the scope of the work and shall insure that all work is performed in accordance with applicable ordinances, permits and procedures. Work performed within the protected zones of the trees shall be preceded by not less than 48 hours notice to the County Forester and the project's oak tree consultant (certified arborist).
2. All work in the protected zone of the trees approved for encroachment must be done

using hand implements only; the use of mechanized tools is prohibited except where absolutely necessary AND as approved by the County Forester. All work conducted within the protected zone of the oak trees shall be performed in the presence of the applicant's oak tree consultant. The protected zone shall commence from a point five (5) feet outside of the dripline and extend inwards to the trunk of the tree. In no case shall the protected zone be less than fifteen (15) feet from the trunk of an oak tree.

3. Equipment, materials, and vehicles shall not be stored, parked or operated within the protected zone of an oak tree, except on the already improved road base for work that is being performed at the time in the immediate vicinity.
4. Preservation and encroachment trees may benefit from supplemental irrigation prior to and during construction. The monitoring arborist shall recommend an irrigation regimen if necessary.
5. Removal of the natural leaf mulch within the protected zone of the project oak trees is prohibited except where absolutely necessary AND as approved by the project's oak tree consultant.
6. All trees not approved for removal shall be fenced in accordance with County of Los Angeles guidelines prior to commencement of grading operations, and shall remain fenced until the County Forester approves removal of fencing. Encroachment trees shall also be fenced until the actual encroachment work is performed. At that time, the fencing shall be moved to the limit of the encroachment.
7. Any pruning, including dead wooding, shall be performed in compliance with the latest ANSI pruning standards by a certified arborist (or certified tree worker).
8. Root-pruning within the protected zone shall be reduced to the minimum amount that is absolutely necessary. All roots pruned shall consist of clean, 90°-angle cuts utilizing sharp hand tools and shall not be sealed unless directed by the County Forester. Any major roots (2" or greater in diameter) encountered shall be preserved to the extent possible, wrapped in moist burlap, until the soil is replaced. Soil shall be replaced as soon as possible around preserved roots.
9. Dust accumulation on the canopy of the preserved and encroached trees shall be

washed off at the direction of the monitoring arborist.

10. Upon completion of the work associated with this permit, a four to six-inch layer of certified mulch shall be placed around the protected zone of the encroachment trees. Where feasible, the native leaf litter should be retained and used as the mulching material.
11. Within 10 working days of completion of the work approved under this permit, the oak tree consultant shall provide a project certification letter to the County Forester. The applicant shall be responsible for notifying and coordinating all conditions with the County and the project's oak tree consultant.

Disclaimer:

This report represents the independent opinion of the signatory consultant (Land Design Consultants, Inc.). The trees discussed herein were generally reviewed for physical, biological function, and aesthetic conditions. This examination was conducted in accordance with presently accepted industry procedures, which are a ground-plane macro-visual observation only. No extensive micro-biological, soil-root excavations, upper crown examination, nor internal tree investigations were conducted and therefore, the reporting herein reflects the overall visual appearance of the trees on the date(s) reviewed and no warranty is implied to the potential failure, health, or demise of any part or whole of any tree described in the report. Records may not remain accurate after our inspection due to unknown causes of changeable deterioration of the reviewed site.

Respectfully submitted,

LAND DESIGN CONSULTANTS, INC.



Scott McAllaster  
*Project Planner*  
*ISA Certified Arborist, WE 7011A*

***APPENDIX I***

***FIELD DATA WORKSHEETS***

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 1

| GENERAL CHARACTERISTICS   |                              |  |   |  |  |
|---|------------------------------|--|---|--|--|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |                              |  | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                          |  |  |
| Trunk Count: 1      Height (ft.): 30  |                              |  | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                |  |  |
| Trunk DBH (in.): 12   |                              |  | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                              |  |  |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |                              |  | <input type="checkbox"/> stag-head  |  |  |
| Aesthetic Rating <sup>2</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |                              |  | Crown Class <sup>1</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |  |  |
| Health Rating <sup>3</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |                              |  | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                |  |  |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |                              |  | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                              |  |  |
| CANOPY CHARACTERISTICS  |                              |  | TREE HEALTH   |  |  |
|   | Dripline Radius (Feet)       | Canopy to Grade (Feet)                 | Wound Wood Development:   | Excellent <input type="checkbox"/>         | Average <input type="checkbox"/>                               |
|   |                              |  |   | Poor <input type="checkbox"/>              | None <input checked="" type="checkbox"/>                       |
| N   | 13                           |  | Foliage Density:  | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Sparse                                |
| NE  |                              |  | Weak crotches:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| E   | 12                           |  | Mainstem dieback:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| SE  |                              |  | Exposed Roots:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| S   | 14                           |  | Epicormic growth:   | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes                        |
| SW  |                              |  | Shading Out:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| W   | 11                           |  | Cavities:   | <input checked="" type="checkbox"/> None   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch |
| NW  |                              |  | Exfoliating Bark:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| CANOPY SPREAD (FEET): 27  |                              |  | Water Pocket(s):  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| PROPOSED ACTIONS  |                              |  | Exudations:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| Monitor for Progress:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Mechanical Damage:  | <input type="checkbox"/> Trunk             | <input type="checkbox"/> Branch                                |
| Treat Infestations:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |   | <input checked="" type="checkbox"/> None   |  |
| Remove Deadwood:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Canker/Galls:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| Support Structure:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Fungus:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
| IMPACTS & MITIGATIONS   |                              |  | Vigor:  | <input type="checkbox"/> Excellent         | <input checked="" type="checkbox"/> Average                    |
| In Impacted Area:   | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |   | <input type="checkbox"/> Fair              | <input type="checkbox"/> Poor                                  |
| Proposed Land Use:  |                              |  | Twig/ Branch Dieback:   | <input type="checkbox"/> None              | <input checked="" type="checkbox"/> Minor                      |
| Impacts:  |                              |  |   | <input type="checkbox"/> Moderate          | <input type="checkbox"/> Extensive                             |
| Mitigations:  |                              |  | Leaf Size:  | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Small                                 |
|   |                              |  | Heart Rot:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                                   |
|   |                              |  | Insects:  | <input checked="" type="checkbox"/> Minor  | <input type="checkbox"/> Moderate                              |
|   |                              |  |   | <input type="checkbox"/> Extensive         | <input type="checkbox"/> None                                  |

Comments & Notes: Adjacent to property line fence

<sup>1</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>2</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>3</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 2

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                          |   |
| Trunk Count: 1      Height (ft.): 25  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                |   |
| Trunk DBH (in.): 25   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                              |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>5</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>4</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>6</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                           |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                   |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 13  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 16  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 17  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 15  |                        | Cavities:   | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 31  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |   |   |

**Comments & Notes:** Previously tagged #6; NOT tagged due to poison oak; fenced around canopy (but within existing canopy); Adjacent to existing wood fence; construction equipment parked outside canopy.

<sup>4</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>5</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>6</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 3

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 2      Height (ft.): 20  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 9.5, 15  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>8</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>7</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent       |   |
| Health Rating <sup>9</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 16  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 16  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 13  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 18  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 34  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS   |   |                        |   |   |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None            |
| Mitigations:  |   |                        |   |   |

**Comments & Notes:** Previously tagged #1; fenced around canopy (but within existing canopy); sprouting around base; electrical extension cords in canopy

<sup>7</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>8</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>9</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 4

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 3      Height (ft.): 20  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 11.5, 14, 16.5   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>11</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>10</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>12</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C+ <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N   | 20  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 18  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 19  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 17  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 39  |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |   |   |

Comments & Notes: fenced around canopy (but within existing canopy); Previously tagged #7

<sup>10</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>11</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>12</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 5

| GENERAL CHARACTERISTICS   |   |                        |  |   |
|---|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 4      Height (ft.): 45  |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 10, 14, 23, 25   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>14</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>13</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>15</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F     |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH  |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N   | 20  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 28  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 30  |                        | Epicormic growth:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 28  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW  |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 56  |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |  |   |

Comments & Notes: Previously tagged #2

<sup>13</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>14</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>15</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 6

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 5    Height (ft.): 40   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 12, 13, 14, 14.5, 15.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>17</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>16</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>18</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 17  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 28  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 17  |                        | Epicormic growth:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 14  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 42   |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input checked="" type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Previously tagged #3; cavity at base

<sup>16</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>17</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>18</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 7

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 20   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 14, 14  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>20</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>19</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>21</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 13  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 10  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 20  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 14  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 33   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |  |   |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Previously tagged #4

<sup>19</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>20</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>21</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 8

| GENERAL CHARACTERISTICS  |                              |  |  |  |   |
|--|------------------------------|--|--|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |                              |  | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |  |   |
| Trunk Count: 3      Height (ft.): 20   |                              |  | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |  |   |
| Trunk DBH (in.): 10.5, 12, 13  |                              |  | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |  |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |                              |  | <input type="checkbox"/> stag-head   |  |   |
| Aesthetic Rating <sup>23</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |                              |  | Crown Class <sup>22</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |  |   |
| Health Rating <sup>24</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |                              |  | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |  |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |                              |  | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |  |   |
| CANOPY CHARACTERISTICS   |                              |  | TREE HEALTH  |  |   |
|  | Dripline Radius (Feet)       | Canopy to Grade (Feet)                 | Wound Wood Development:  | Excellent <input type="checkbox"/>           | Average <input checked="" type="checkbox"/> |
|  |                              |  |  | Poor <input type="checkbox"/>                | None <input type="checkbox"/>               |
| N  | 17                           |  | Foliage Density:   | <input checked="" type="checkbox"/> Normal   | <input type="checkbox"/> Sparse             |
| NE   |                              |  | Weak crotches:   | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| E  | 21                           |  | Mainstem dieback:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| SE   |                              |  | Exposed Roots:   | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| S  | 21                           |  | Epicormic growth:  | <input type="checkbox"/> No                  | <input checked="" type="checkbox"/> Yes     |
| SW   |                              |  | Shading Out:   | <input type="checkbox"/> No                  | <input checked="" type="checkbox"/> Yes     |
| W  | 13                           |  | Cavities: <input checked="" type="checkbox"/> None   | <input type="checkbox"/> Trunk               | <input type="checkbox"/> Branch             |
| NW   |                              |  | Exfoliating Bark:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| CANOPY SPREAD (FEET): 38   |                              |  | Water Pocket(s):   | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| PROPOSED ACTIONS   |                              |  | Exudations:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| Monitor for Progress:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Mechanical Damage:   | <input type="checkbox"/> Trunk               | <input checked="" type="checkbox"/> Branch  |
| Treat Infestations:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |  | <input type="checkbox"/> None                |   |
| Remove Deadwood:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Canker/Galls:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| Support Structure:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Fungus:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
| IMPACTS & MITIGATIONS  |                              |  | Vigor:   | <input type="checkbox"/> Excellent           | <input type="checkbox"/> Average            |
| In Impacted Area: <input type="checkbox"/> Yes <input type="checkbox"/> No   |                              |  |  | <input checked="" type="checkbox"/> Fair     | <input type="checkbox"/> Poor               |
| Proposed Land Use:   |                              |  | Twig/ Branch Dieback:  | <input type="checkbox"/> None                | <input type="checkbox"/> Minor              |
| Impacts:   |                              |  |  | <input checked="" type="checkbox"/> Moderate | <input type="checkbox"/> Extensive          |
| Mitigations:   |                              |  | Leaf Size:   | <input checked="" type="checkbox"/> Normal   | <input type="checkbox"/> Small              |
|  |                              |  | Heart Rot:   | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                |
|  |                              |  | Insects:   | <input checked="" type="checkbox"/> Minor    | <input type="checkbox"/> Moderate           |
|  |                              |  |  | <input type="checkbox"/> Extensive           | <input type="checkbox"/> None               |

Comments & Notes: Previously tagged #5

<sup>22</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>23</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>24</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 9

| GENERAL CHARACTERISTICS  |                        |                        |  |  |  |
|--|------------------------|------------------------|--|--|--|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |                        |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |  |  |
| Trunk Count: 5    Height (ft.): 25   |                        |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |  |  |
| Trunk DBH (in.): 8, 9, 10, 11, 12  |                        |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |  |  |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |                        |                        | Crown Class <sup>25</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |  |  |
| Aesthetic Rating <sup>26</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |                        |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |  |  |
| Health Rating <sup>27</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |                        |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |  |  |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |                        |                        |  |  |  |
| CANOPY CHARACTERISTICS   |                        |                        | TREE HEALTH  |  |  |
|  | Dripline Radius (Feet) | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/>         | Average <input checked="" type="checkbox"/>  |
|  |                        |                        |  | Poor <input type="checkbox"/>              | None <input type="checkbox"/>                |
| N  | 20                     |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Sparse              |
| NE   |                        |                        | Weak crotches:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                 |
| E  | 22                     |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                 |
| SE   |                        |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                 |
| S  | 15                     |                        | Epicormic growth:  | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes      |
| SW   |                        |                        | Shading Out:   | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes      |
| W  | 13                     |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk  | <input type="checkbox"/> Branch              |
| NW   |                        |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                 |
|  |                        |                        | Water Pocket(s):   | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes      |
| CANOPY SPREAD (FEET): 35   |                        |                        | Exudations:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                 |
| PROPOSED ACTIONS   |                        |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk  | <input checked="" type="checkbox"/> Branch   |
| Monitor for Progress:  |                        |                        |  | <input type="checkbox"/> None              |  |
| Treat Infestations:  |                        |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                 |
| Remove Deadwood:   |                        |                        | Fungus:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                 |
| Support Structure:   |                        |                        | Vigor:   | <input type="checkbox"/> Excellent         | <input type="checkbox"/> Average             |
|  |                        |                        |  | <input checked="" type="checkbox"/> Fair   | <input type="checkbox"/> Poor                |
| IMPACTS & MITIGATIONS  |                        |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None              | <input checked="" type="checkbox"/> Minor    |
| In Impacted Area: <input type="checkbox"/> Yes <input type="checkbox"/> No   |                        |                        |  | <input type="checkbox"/> Moderate          | <input type="checkbox"/> Extensive           |
| Proposed Land Use:   |                        |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Small               |
| Impacts:   |                        |                        | Heart Rot:   | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes      |
| Mitigations:   |                        |                        | Insects:   | <input type="checkbox"/> Minor             | <input checked="" type="checkbox"/> Moderate |
|  |                        |                        |  | <input type="checkbox"/> Extensive         | <input type="checkbox"/> None                |

Comments & Notes: Previously tagged #30; adjacent to fence

<sup>25</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>26</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>27</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 10

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 35   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 11, 12.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>29</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>28</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>30</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C+ <input type="checkbox"/> D <input type="checkbox"/> F   |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 17  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 16  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 17  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 18  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 34   |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Previously tagged #31

<sup>28</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>29</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>30</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 11

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1      Height (ft.): 30   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 11  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>32</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>31</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>33</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input checked="" type="checkbox"/> Average <input type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 17  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 9   |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 10  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 5   |                        | Cavities: <input checked="" type="checkbox"/> None   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 27   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input checked="" type="checkbox"/> None <input type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input checked="" type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Previously tagged #32

<sup>31</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>32</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>33</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 12

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1      Height (ft.): 20   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 13  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>35</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>34</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>36</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 5   |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 9   |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 16  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 15  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 24   |   |                        | Exudations:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

Comments & Notes: Previously tagged #33; adjacent to access road & fence

<sup>34</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>35</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>36</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 13

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1      Height (ft.): 45   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 26  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>38</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>37</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>39</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 22  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 20  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 28  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 32  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 52   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                           |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input checked="" type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Previously tagged #12; large birdhouse in tree; electrical box attached to W side of trunk; mistletoe present

<sup>37</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>38</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>39</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 14

| GENERAL CHARACTERISTICS  |                        |                        |  |   |  |
|--|------------------------|------------------------|--|---|--|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |                        |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |  |
| Trunk Count: 1      Height (ft.): cut  |                        |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                            |   |  |
| Trunk DBH (in.): 8   |                        |                        | <input type="checkbox"/> major asymmetry <input checked="" type="checkbox"/> stump sprout                    |   |  |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |                        |                        | <input type="checkbox"/> stag-head   |   |  |
| Aesthetic Rating <sup>41</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F |                        |                        | Crown Class <sup>40</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |  |
| Health Rating <sup>42</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F    |                        |                        | Age Class: <input checked="" type="checkbox"/> immature <input type="checkbox"/> semi-mature                 |   |  |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F                   |                        |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                               |   |  |
| CANOPY CHARACTERISTICS   |                        |                        | TREE HEALTH  |   |  |
|  | Dripline Radius (Feet) | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/>        | Average <input type="checkbox"/>           |
|  |                        |                        |  | Poor <input checked="" type="checkbox"/>  | None <input type="checkbox"/>              |
| N  |                        |                        | Foliage Density:   | <input type="checkbox"/> Normal           | <input checked="" type="checkbox"/> Sparse |
| NE   |                        |                        | Weak crotches:   | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| E  |                        |                        | Mainstem dieback:  | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| SE   |                        |                        | Exposed Roots:   | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| S  | Stump sprout           |                        | Epicormic growth:  | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| SW   | - No canopy -          |                        | Shading Out:   | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| W  |                        |                        | Cavities: <input type="checkbox"/> None  | <input type="checkbox"/> Trunk            | <input type="checkbox"/> Branch            |
| NW   |                        |                        | Exfoliating Bark:  | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
|  |                        |                        | Water Pocket(s):   | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| CANOPY SPREAD (FEET):  |                        |                        | Exudations:  | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| PROPOSED ACTIONS   |                        |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk | <input checked="" type="checkbox"/> Branch |
| Monitor for Progress:  |                        |                        |  | <input type="checkbox"/> None             |  |
| Treat Infestations:  |                        |                        | Canker/Galls:  | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| Remove Deadwood:   |                        |                        | Fungus:  | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| Support Structure:   |                        |                        | Vigor:   | <input type="checkbox"/> Excellent        | <input type="checkbox"/> Average           |
|  |                        |                        |  | <input type="checkbox"/> Fair             | <input checked="" type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |                        |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None             | <input type="checkbox"/> Minor             |
| In Impacted Area: <input type="checkbox"/> Yes <input type="checkbox"/> No   |                        |                        |  | <input type="checkbox"/> Moderate         | <input type="checkbox"/> Extensive         |
| Proposed Land Use:   |                        |                        | Leaf Size:   | <input type="checkbox"/> Normal           | <input type="checkbox"/> Small             |
| Impacts:   |                        |                        | Heart Rot:   | <input type="checkbox"/> No               | <input type="checkbox"/> Yes               |
| Mitigations:   |                        |                        | Insects:   | <input type="checkbox"/> Minor            | <input type="checkbox"/> Moderate          |
|  |                        |                        |  | <input type="checkbox"/> Extensive        | <input type="checkbox"/> None              |

**Comments & Notes:** Appears to be tree that was previously #34; previous report indicated this tree was dead; tree was cut down, with stump remaining; now sprouting from base

<sup>40</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>41</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>42</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 15

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1    Height (ft.): 30   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 19.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>44</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>43</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>45</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 22  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 15  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 17  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 12  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 39   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input checked="" type="checkbox"/> None <input type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

Comments & Notes: Previously tagged #11; dead scaffold branches

<sup>43</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>44</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>45</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 16

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1      Height (ft.): 30   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 9.5   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>47</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>46</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>48</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                               |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 15  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 0   |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 0   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 15  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 15   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Previously tagged #21

<sup>46</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>47</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>48</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 17

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1    Height (ft.): 40   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 21  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>50</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>49</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>51</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 18  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 12  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 17  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 25  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 37   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

Comments & Notes: Previously tagged #22; dead scaffold branches

<sup>49</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>50</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>51</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 18

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1      Height (ft.): 40   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 16  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>53</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>52</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>54</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 17  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 14  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 17  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 14  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 34   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Previously tagged #10; electrical box attached to S side of trunk

<sup>52</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>53</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>54</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 19

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1      Height (ft.): 45   |   |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                            |   |
| Trunk DBH (in.): 20.5  |   |                        | <input checked="" type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>56</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>55</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>57</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 23  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 15  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 17  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 15  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 40   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Previously tagged #9; electrical extension cord in canopy

<sup>55</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>56</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>57</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 20

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1      Height (ft.): 35   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 25.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>59</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>58</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>60</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F   |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 22  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 21  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 22  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 20  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 44   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                           |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input checked="" type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Previously tagged #8

<sup>58</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>59</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>60</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 22

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 4      Height (ft.): 25   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 9.5, 11, 13, 16   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>62</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>61</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>63</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F   |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 22  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 15  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 28  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 24  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 50   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Previously tagged #27; adjacent to fence; poison oak present

<sup>61</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>62</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>63</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 23

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 4      Height (ft.): 25   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 1, 2, 8, 12   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>65</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>64</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>66</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 12  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 15  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 19  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 15  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 31   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Previously tagged #23; trunk not accessible due to poison oak surrounding trunk; left old tag and used same #.

<sup>64</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>65</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>66</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 24

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 5    Height (ft.): 25   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 7, 8, 9, 10, 16   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>68</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>67</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>69</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 18  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 20  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 22  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 15  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 40   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input checked="" type="checkbox"/> None <input type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Previously tagged #24; trunk not accessible due to poison oak surrounding trunk; left old tag and used same #.

<sup>67</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>68</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>69</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 25

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1    Height (ft.): 50   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 19.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>71</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>70</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>72</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 25  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 17  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 29  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 28  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 54   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input checked="" type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Previously tagged #26; tagged on west side due to poison oak surrounding trunk

<sup>70</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>71</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>72</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 26

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 3      Height (ft.): 18   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 4, 8, 8.5   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>2</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D+ <input type="checkbox"/> F |   |                        | Crown Class <sup>1</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent       |   |
| Health Rating <sup>3</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F     |   |                        | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                      |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 10  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 19  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 18  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 0   |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 28   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

Comments & Notes: Previously tagged #28

<sup>1</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>2</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>3</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 27

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 3    Height (ft.): 20  |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 4, 10, 10.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>5</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>4</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent       |   |
| Health Rating <sup>6</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N   | 8   |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 13  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 13  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W   | 12  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 25  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                           |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |   |   |

Comments & Notes: Previously tagged #29; sprouting at base

<sup>4</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>5</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>6</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 28

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                          |   |
| Trunk Count: 2      Height (ft.): 30  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                |   |
| Trunk DBH (in.): 11, 13   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                              |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>8</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>7</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>9</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                           |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                   |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 15  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 15  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 16  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 17  |                        | Cavities:   | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 32  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS   |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:  |   |                        |   |   |
| Mitigations:  |   |                        |   |   |

Comments & Notes: Previously tagged #18; broken branches, poison oak

<sup>7</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>8</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>9</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 29

| GENERAL CHARACTERISTICS  |                              |  | TREE HEALTH  |   |  |
|--|------------------------------|--|--|---|--|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |                              |  | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |  |
| Trunk Count: 4      Height (ft.): 25   |                              |  | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |  |
| Trunk DBH (in.): 2.5, 8, 9, 10   |                              |  | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |  |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |                              |  | <input type="checkbox"/> stag-head   |   |  |
| Aesthetic Rating <sup>11</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |                              |  | Crown Class <sup>10</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |  |
| Health Rating <sup>12</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |                              |  | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                 |   |  |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |                              |  | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                               |   |  |
| CANOPY CHARACTERISTICS   |                              |  | TREE HEALTH  |   |  |
|  | Dripline Radius (Feet)       | Canopy to Grade (Feet)                 | Wound Wood Development:  | Excellent <input type="checkbox"/>  | Average <input checked="" type="checkbox"/>                            |
|  |                              |  |  | Poor <input type="checkbox"/>   | None <input type="checkbox"/>  |
| N  | 14                           |  | Foliage Density:   | <input checked="" type="checkbox"/> Normal                                  | <input type="checkbox"/> Sparse  |
| NE   |                              |  | Weak crotches:   | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| E  | 13                           |  | Mainstem dieback:  | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| SE   |                              |  | Exposed Roots:   | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| S  | 18                           |  | Epicormic growth:  | <input type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes                                |
| SW   |                              |  | Shading Out:   | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| W  | 15                           |  | Cavities:  | <input checked="" type="checkbox"/> None                                    | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch         |
| NW   |                              |  | Exfoliating Bark:  | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 32   |                              |  | Water Pocket(s):   | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |                              |  | Exudations:  | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch              | <input checked="" type="checkbox"/> None                               |
| Treat Infestations:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Canker/Galls:  | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Fungus:  | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average         | <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor |
| IMPACTS & MITIGATIONS  |                              |  | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor     | <input type="checkbox"/> Moderate <input type="checkbox"/> Extensive   |
| In Impacted Area:  | <input type="checkbox"/> Yes | <input type="checkbox"/> No            | Leaf Size:   | <input checked="" type="checkbox"/> Normal                                  | <input type="checkbox"/> Small   |
| Proposed Land Use:   |                              |  | Heart Rot:   | <input checked="" type="checkbox"/> No                                      | <input type="checkbox"/> Yes   |
| Impacts:   |                              |  | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate | <input type="checkbox"/> Extensive <input type="checkbox"/> None       |
| Mitigations:   |                              |  |  |   |  |

Comments & Notes: Previously tagged #39; poison oak

<sup>10</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>11</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>12</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 30

| GENERAL CHARACTERISTICS  |                              |  | TREE HEALTH  |  |   |
|--|------------------------------|--|--|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |                              |  | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |  |   |
| Trunk Count: 3      Height (ft.): 30   |                              |  | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |  |   |
| Trunk DBH (in.): 3, 9.5, 12  |                              |  | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |  |   |
| Existing Terrain: <input type="checkbox"/> Flat <input type="checkbox"/> Slope   |                              |  | <input type="checkbox"/> stag-head   |  |   |
| Aesthetic Rating <sup>14</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |                              |  | Crown Class <sup>13</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |  |   |
| Health Rating <sup>15</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |                              |  | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |  |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |                              |  | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |  |   |
| CANOPY CHARACTERISTICS   |                              |  | TREE HEALTH  |  |   |
|  | Dripline Radius (Feet)       | Canopy to Grade (Feet)                 | Wound Wood Development:  | Excellent <input type="checkbox"/>         | Average <input checked="" type="checkbox"/> |
|  |                              |  |  | Poor <input type="checkbox"/>              | None <input type="checkbox"/>               |
| N  | 13                           |  | Foliage Density:   | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Sparse             |
| NE   |                              |  | Weak crotches:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| E  | 14                           |  | Mainstem dieback:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| SE   |                              |  | Exposed Roots:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| S  | 16                           |  | Epicormic growth:  | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes     |
| SW   |                              |  | Shading Out:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| W  | 19                           |  | Cavities: <input checked="" type="checkbox"/> None   | <input type="checkbox"/> Trunk             | <input type="checkbox"/> Branch             |
| NW   |                              |  | Exfoliating Bark:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| CANOPY SPREAD (FEET): 33   |                              |  | Water Pocket(s):   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| PROPOSED ACTIONS   |                              |  | Exudations:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| Monitor for Progress:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk  | <input type="checkbox"/> Branch             |
| Treat Infestations:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |  | <input type="checkbox"/> None              |   |
| Remove Deadwood:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Canker/Galls:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| Support Structure:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Fungus:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| IMPACTS & MITIGATIONS  |                              |  | Vigor:   | <input type="checkbox"/> Excellent         | <input type="checkbox"/> Average            |
| In Impacted Area: <input type="checkbox"/> Yes <input type="checkbox"/> No   |                              |  |  | <input checked="" type="checkbox"/> Fair   | <input type="checkbox"/> Poor               |
| Proposed Land Use:   |                              |  | Twig/ Branch Dieback:  | <input type="checkbox"/> None              | <input checked="" type="checkbox"/> Minor   |
| Impacts:   |                              |  |  | <input type="checkbox"/> Moderate          | <input type="checkbox"/> Extensive          |
| Mitigations:   |                              |  | Leaf Size:   | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Small              |
|  |                              |  | Heart Rot:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
|  |                              |  | Insects:   | <input checked="" type="checkbox"/> Minor  | <input type="checkbox"/> Moderate           |
|  |                              |  |  | <input type="checkbox"/> Extensive         | <input type="checkbox"/> None               |

Comments & Notes: Previously tagged #17

<sup>13</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>14</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>15</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 31

| GENERAL CHARACTERISTICS   |   |                        |  |   |
|---|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 4      Height (ft.): 35  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 9, 12, 20, 21  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>17</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>16</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>18</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH  |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 22  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 25  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 21  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 19  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW  |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 44  |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |  |   |

Comments & Notes: Previously tagged #16; adjacent to power pole

<sup>16</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>17</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>18</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 32

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1    Height (ft.): 35  |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 28   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>20</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>19</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>21</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F     |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C+ <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N   | 19  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 17  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 28  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 18  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 47  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Mechanical Damage:  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                           |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS   |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:  |   |                        |   |   |
| Mitigations:  |   |                        |   |   |

Comments & Notes: Previously tagged #19; mistletoe

<sup>19</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>20</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>21</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 33

| GENERAL CHARACTERISTICS  |                        |                        |  |  |   |
|--|------------------------|------------------------|--|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |                        |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |  |   |
| Trunk Count: 1      Height (ft.): 25   |                        |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |  |   |
| Trunk DBH (in.): 19.5  |                        |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |  |   |
| Existing Terrain: <input type="checkbox"/> Flat <input type="checkbox"/> Slope   |                        |                        | <input type="checkbox"/> stag-head   |  |   |
| Aesthetic Rating <sup>23</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |                        |                        | Crown Class <sup>22</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |  |   |
| Health Rating <sup>24</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |                        |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |  |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |                        |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |  |   |
| CANOPY CHARACTERISTICS   |                        |                        | TREE HEALTH  |  |   |
|  | Dripline Radius (Feet) | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/>         | Average <input checked="" type="checkbox"/> |
|  |                        |                        |  | Poor <input type="checkbox"/>              | None <input type="checkbox"/>               |
| N  | 11                     |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Sparse             |
| NE   |                        |                        | Weak crotches:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| E  | 16                     |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| SE   |                        |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| S  | 22                     |                        | Epicormic growth:  | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes     |
| SW   |                        |                        | Shading Out:   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| W  | 18                     |                        | Cavities: <input type="checkbox"/> None  | <input type="checkbox"/> Trunk             | <input checked="" type="checkbox"/> Branch  |
| NW   |                        |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
|  |                        |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| CANOPY SPREAD (FEET): 34   |                        |                        | Exudations:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| PROPOSED ACTIONS   |                        |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk             | <input type="checkbox"/> Branch             |
| Monitor for Progress:  |                        |                        |  | <input checked="" type="checkbox"/> None   |   |
| Treat Infestations:  |                        |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| Remove Deadwood:   |                        |                        | Fungus:  | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> Yes                |
| Support Structure:   |                        |                        | Vigor:   | <input type="checkbox"/> Excellent         | <input checked="" type="checkbox"/> Average |
| IMPACTS & MITIGATIONS  |                        |                        |  | <input type="checkbox"/> Fair              | <input type="checkbox"/> Poor               |
| In Impacted Area: <input type="checkbox"/> Yes <input type="checkbox"/> No   |                        |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None              | <input checked="" type="checkbox"/> Minor   |
| Proposed Land Use:   |                        |                        |  | <input type="checkbox"/> Moderate          | <input type="checkbox"/> Extensive          |
| Impacts:   |                        |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Small              |
| Mitigations:   |                        |                        | Heart Rot:   | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> Yes     |
|  |                        |                        | Insects:   | <input checked="" type="checkbox"/> Minor  | <input type="checkbox"/> Moderate           |
|  |                        |                        |  | <input type="checkbox"/> Extensive         | <input type="checkbox"/> None               |

Comments & Notes: Previously tagged #38; broken branches

<sup>22</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>23</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>24</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 34

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1      Height (ft.): 25   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 15.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>26</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>25</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>27</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input checked="" type="checkbox"/> Average <input type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 8   |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 15  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 18  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 17  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 32   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input checked="" type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

Comments & Notes: Previously tagged #20

<sup>25</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>26</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>27</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 35

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 3      Height (ft.): 35   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 14, 15, 16  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>29</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>28</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>30</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 18  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 18  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 22  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 7   |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 40   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input checked="" type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Previously tagged #36; adjacent to fence

<sup>28</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>29</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>30</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 36

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 4      Height (ft.): 40   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 10.5, 14.5, 16.5, 17  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>32</sup> : <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>31</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>33</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input checked="" type="checkbox"/> A- <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 25  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 20  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 26  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 21  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 51   |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

Comments & Notes: Previously tagged #37

<sup>31</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>32</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>33</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 37

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1      Height (ft.): 45   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 24  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>35</sup> : <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>34</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>36</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B+ <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F   |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 22  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 16  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 24  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 22  |                        | Cavities:  | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 46   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Previously tagged #35; measured low due to low branching

<sup>34</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>35</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>36</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 38

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1 Height (ft.): 50  |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 21.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>38</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>37</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>39</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 17  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 18  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 18  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 16  |                        | Cavities:  | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 35   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:**

<sup>37</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>38</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>39</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 39

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 6    Height (ft.): 45   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 5.5, 6, 6, 8.5, 9, 10   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>41</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>40</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>42</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 17  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 12  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 2   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 17  |                        | Cavities:  | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 29   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input checked="" type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: west dripline over trailer unit

<sup>40</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>41</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>42</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 40

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 10      Height (ft.): 30  |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 2, 2.5, 3, 3.5, 7.5, 7.5, 8, 8, 9   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>44</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>43</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>45</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 18  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 17  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 16  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 18  |                        | Cavities: <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 35   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Previously tagged #40; used old tag and # because trunk is inaccessible due to poison oak

<sup>43</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>44</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>45</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 41

| GENERAL CHARACTERISTICS   |   |                        |  |   |
|---|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 5    Height (ft.): 40  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 1.5, 5.5, 5.5, 9.5, 11.5   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>47</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>46</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>48</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F     |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH  |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 18  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 18  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 9   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W   | 15  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW  |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 33  |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |  |   |

Comments & Notes: broken branches

<sup>46</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>47</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>48</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 42

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 1    Height (ft.): 45   |   |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                            |   |
| Trunk DBH (in.): 25  |   |                        | <input checked="" type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>50</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>49</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>51</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 21  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 4   |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 13  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 31  |                        | Cavities:  | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 35   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        |  |   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: growing adjacent to trailer unit

<sup>49</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>50</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>51</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 43

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 3    Height (ft.): 45   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 6.5, 9.5, 15  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>53</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>52</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>54</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 13  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 15  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 23  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 16  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 36   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: dead branches

<sup>52</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>53</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>54</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 44

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 2    Height (ft.): 50   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 10, 12  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>56</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>55</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>57</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 15  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 16  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   | 18  |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 0   |                        | Epicormic growth:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 5   |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 21   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

Comments & Notes:

<sup>55</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>56</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>57</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 45

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 4      Height (ft.): 45   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 3.5, 6.5, 7.5, 11   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>59</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>58</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>60</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 24  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 22  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 4   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 0   |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 28   |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:**

<sup>58</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>59</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>60</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 46

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 45   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 10.5, 11.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>62</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>61</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>63</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 20  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 8   |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 2   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 11  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 22   |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes:

<sup>61</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>62</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>63</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 47

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 4      Height (ft.): 50  |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 6.5, 7, 12, 13.5   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>65</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>64</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>66</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F     |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 20  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 23  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 6   |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W   | 17  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 40  |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |   |   |

Comments & Notes: next to trash bins; 15" dead trunk

<sup>64</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>65</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>66</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 48

| GENERAL CHARACTERISTICS  |   |                        |  |  |  |
|--|---|------------------------|--|--|--|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |  |  |
| Trunk Count: 1    Height (ft.): 50   |   |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                            |  |  |
| Trunk DBH (in.): 17  |   |                        | <input checked="" type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                    |  |  |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |  |  |
| Aesthetic Rating <sup>68</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>67</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |  |  |
| Health Rating <sup>69</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |  |  |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |  |  |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |  |  |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/>   | Average <input checked="" type="checkbox"/>                          |
|  |   |                        |  | Poor <input type="checkbox"/>  | None <input type="checkbox"/>  |
| N  | 6   |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal                                     | <input type="checkbox"/> Sparse                                      |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No   | <input type="checkbox"/> Yes   |
| E  | 22  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No   | <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No   | <input type="checkbox"/> Yes   |
| S  | 23  |                        | Epicormic growth:  | <input type="checkbox"/> No  | <input checked="" type="checkbox"/> Yes                              |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No  | <input checked="" type="checkbox"/> Yes                              |
| W  | 0   |                        | Cavities:  | <input checked="" type="checkbox"/> None                                       | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch       |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No   | <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No   | <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 29   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No   | <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch      | <input type="checkbox"/> None  |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes            |  |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes            |  |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average | <input type="checkbox"/> Fair <input type="checkbox"/> Poor          |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor        | <input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal                                     | <input type="checkbox"/> Small                                       |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:   | <input type="checkbox"/> No  | <input checked="" type="checkbox"/> Yes                              |
| Proposed Land Use:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate    | <input type="checkbox"/> Extensive <input type="checkbox"/> None     |
| Impacts:   |   |                        |  |  |  |
| Mitigations:   |   |                        |  |  |  |

**Comments & Notes:** adjacent to house; leaning south; base surrounded by wood and concrete stepping stones

<sup>67</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>68</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>69</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 49

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 25   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 5.5, 7  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>71</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>70</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>72</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                               |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 2   |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 17  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 3   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 2   |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 19   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: 2 dead trunks (3", 5"); wires tied to trunk

<sup>70</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>71</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>72</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 50

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 2      Height (ft.): 30  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 6, 10  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>74</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>73</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>75</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                      |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                                    |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 3   |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 14  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 15  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W   | 3   |                        | Cavities: <input type="checkbox"/> None <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 18  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |   |   |

Comments & Notes: 2 dead trunks (5", 6")

<sup>73</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>74</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>75</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 51

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                          |   |
| Trunk Count: 3      Height (ft.): 50   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                |   |
| Trunk DBH (in.): 6.5, 8, 18  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                              |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>2</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>1</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>3</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F     |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                           |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C- <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                   |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 20  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 14  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 19  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 12  |                        | Cavities: <input type="checkbox"/> None   | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 39   |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

Comments & Notes: 2 dead trunks (5.5", 6")

<sup>1</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>2</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>3</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 52

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 4    Height (ft.): 55  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 7, 12.5, 15, 16  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>5</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>4</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent       |   |
| Health Rating <sup>6</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N   | 17  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 27  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 23  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W   | 15  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 42  |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |   |   |

Comments & Notes: One 5" trunk has broken

<sup>4</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>5</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>6</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 53

| GENERAL CHARACTERISTICS   |                        |                        |  |                                    |                                    |
|---|------------------------|------------------------|--|------------------------------------|------------------------------------|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |                        |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes               |                                    |                                    |
| Trunk Count: 1      Height (ft.): 25  |                        |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                |                                    |                                    |
| Trunk DBH (in.): 8  |                        |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                   |                                    |                                    |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope   |                        |                        | <input type="checkbox"/> stag-head   |                                    |                                    |
| Aesthetic Rating <sup>8</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input checked="" type="checkbox"/> F |                        |                        | Crown Class <sup>7</sup> : <input type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |                                    |                                    |
| Health Rating <sup>9</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input checked="" type="checkbox"/> F    |                        |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                |                                    |                                    |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input checked="" type="checkbox"/> F                  |                        |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                   |                                    |                                    |
| CANOPY CHARACTERISTICS  |                        |                        | TREE HEALTH  |                                    |                                    |
|   | Dripline Radius (Feet) | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> | Average <input type="checkbox"/>   |
|   |                        |                        |  | Poor <input type="checkbox"/>      | None <input type="checkbox"/>      |
| N   |                        |                        | Foliage Density:   | <input type="checkbox"/> Normal    | <input type="checkbox"/> Sparse    |
| NE  |                        |                        | Weak crotches:   | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| E   |                        |                        | Mainstem dieback:  | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| SE  |                        |                        | Exposed Roots:   | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| S   | DEAD                   |                        | Epicormic growth:  | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| SW  |                        |                        | Shading Out:   | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| W   |                        |                        | Cavities: <input type="checkbox"/> None  | <input type="checkbox"/> Trunk     | <input type="checkbox"/> Branch    |
| NW  |                        |                        | Exfoliating Bark:  | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
|   |                        |                        | Water Pocket(s):   | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| CANOPY SPREAD (FEET):   |                        |                        | Exudations:  | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| PROPOSED ACTIONS  |                        |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk     | <input type="checkbox"/> Branch    |
| Monitor for Progress:   |                        |                        |  | <input type="checkbox"/> None      |                                    |
| Treat Infestations:   |                        |                        | Canker/Galls:  | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| Remove Deadwood:  |                        |                        | Fungus:  | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| Support Structure:  |                        |                        | Vigor:   | <input type="checkbox"/> Excellent | <input type="checkbox"/> Average   |
|   |                        |                        |  | <input type="checkbox"/> Fair      | <input type="checkbox"/> Poor      |
| IMPACTS & MITIGATIONS   |                        |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None      | <input type="checkbox"/> Minor     |
| In Impacted Area: <input type="checkbox"/> Yes <input type="checkbox"/> No  |                        |                        |  | <input type="checkbox"/> Moderate  | <input type="checkbox"/> Extensive |
| Proposed Land Use:  |                        |                        | Leaf Size:   | <input type="checkbox"/> Normal    | <input type="checkbox"/> Small     |
| Impacts:  |                        |                        | Heart Rot:   | <input type="checkbox"/> No        | <input type="checkbox"/> Yes       |
| Mitigations:  |                        |                        | Insects:   | <input type="checkbox"/> Minor     | <input type="checkbox"/> Moderate  |
|   |                        |                        |  | <input type="checkbox"/> Extensive | <input type="checkbox"/> None      |

Comments & Notes: DEAD

<sup>7</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>8</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>9</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 54

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 3    Height (ft.): 50   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 4.5, 6, 6   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>11</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>10</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>12</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                               |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 7   |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 16  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 6   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 4   |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 20   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** One dead trunk (6") with sprouting from base

<sup>10</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>11</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>12</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 55

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 6      Height (ft.): 45   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 6, 8.5, 8.5, 10, 13, 13   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>14</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>13</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>15</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 16  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 22  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 15  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 15  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 37   |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:**

<sup>13</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>14</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>15</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 56

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 3      Height (ft.): 30   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 8.5, 10, 12.5   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>17</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>16</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>18</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input checked="" type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 13  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 22  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 21  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 10  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 34   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                           |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Tree is adjacent to house; north side of trunk cut many years ago to accommodate grading for placement of structure; trunks removed on that side (north) of tree;

<sup>16</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>17</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>18</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 57

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2    Height (ft.): 24   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 5.5, 8  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>20</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>19</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>21</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                               |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 10  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 8   |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 18  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 4   |                        | Cavities:  | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 28   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                           |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** chain-link fence growing between trunks; trunks growing into fence

<sup>19</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>20</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>21</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/17/13

Tree Number: 58

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 2      Height (ft.): 45   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 10, 16  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>23</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>22</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>24</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 13  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 16  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 19  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 14  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 30   |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input type="checkbox"/> Yes  |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                           |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Tagged high – level with top of fence; trunks diameters estimated visually due to inaccessibility

<sup>22</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>23</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>24</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 59

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 30   |   |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                            |   |
| Trunk DBH (in.): 13, 15  |   |                        | <input checked="" type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>26</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>25</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>27</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 6   |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 30  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 14  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 8   |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 38   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Tagged on southerly scaffold branch adjacent to road; trunk not accessible due to slope and poison oak; trunk diameters estimated

<sup>25</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>26</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>27</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 60

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1      Height (ft.): 35   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 13.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>29</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>28</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>30</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 18  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 6   |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 10  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 22  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 28   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

Comments & Notes: Tagged on south side – next to road; Previously tagged #1245

<sup>28</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>29</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>30</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 61

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 30   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 12.5, 15  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>32</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>31</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>33</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 13  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 25  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 19  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 16  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 41   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Tagged on south side

<sup>31</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>32</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>33</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 62

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 35   |   |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                            |   |
| Trunk DBH (in.): 9, 13   |   |                        | <input checked="" type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>35</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>34</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>36</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 23  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 29  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 0   |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 0   |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 29   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:   | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |  |   |
| Mitigations:   |   |                        |  |   |

Comments & Notes: Tagged on south side; barbwire around one of the trunks

<sup>34</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>35</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>36</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 63

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 3    Height (ft.): 35   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 11, 15, 16  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>38</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>37</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>39</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 16  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 26  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 35  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 30  |                        | Cavities: <input checked="" type="checkbox"/> None   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 56   |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Not tagged due to slope & poison oak; survey visually estimated; one trunk dead (6")

<sup>37</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>38</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>39</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 64

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 40   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 13, 15  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>41</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>40</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>42</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 5   |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 17  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 21  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 24  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch   |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 44   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Not tagged due to poison oak; survey visually estimated

<sup>40</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>41</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>42</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 65

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 2    Height (ft.): 45   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 12, 18.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>44</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>43</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>45</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 22  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 25  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 14  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 15  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 40   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Not tagged due to poison oak; survey visually estimated; dead branches

<sup>43</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>44</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>45</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 66

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1      Height (ft.): 40   |   |                        | Form: <input type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                                 |   |
| Trunk DBH (in.): 15  |   |                        | <input checked="" type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                         |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>47</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>46</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>48</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 25  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 0   |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 0   |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 0   |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 25   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Not tagged due to poison oak; survey visually estimated; leaning north

<sup>46</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>47</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>48</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 67

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 2      Height (ft.): 35   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 11.5, 13  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>50</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>49</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>51</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 8   |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 0   |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 16  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 18  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 24   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:**

<sup>49</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>50</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>51</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 68

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 3      Height (ft.): 45   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 11.5, 16, 19  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>53</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>52</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>54</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 23  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 22  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 18  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 17  |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 41   |   |                        | Water Pocket(s):   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input checked="" type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

Comments & Notes: dead scaffold branches

<sup>52</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>53</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>54</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 69

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1    Height (ft.): 30   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 20.5  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>56</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>55</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>57</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N  | 14  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 25  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 15  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 20  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 45   |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

Comments & Notes: broken branches

<sup>55</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>56</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>57</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 70

| GENERAL CHARACTERISTICS  |                              |  |  |  |  |
|--|------------------------------|--|--|--|--|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |                              |  | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |  |  |
| Trunk Count: 4    Height (ft.): 30   |                              |  | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |  |  |
| Trunk DBH (in.): 2.5, 4, 6, 11   |                              |  | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |  |  |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |                              |  | <input type="checkbox"/> stag-head   |  |  |
| Aesthetic Rating <sup>59</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |                              |  | Crown Class <sup>58</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |  |  |
| Health Rating <sup>60</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F   |                              |  | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |  |  |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B- <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                  |                              |  | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |  |  |
| CANOPY CHARACTERISTICS   |                              |  | TREE HEALTH  |  |  |
|  | Dripline Radius (Feet)       | Canopy to Grade (Feet)                 | Wound Wood Development:  | Excellent <input type="checkbox"/>           | Average <input type="checkbox"/>             |
|  |                              |  |  | Poor <input type="checkbox"/>                | None <input checked="" type="checkbox"/>     |
| N  | 14                           |  | Foliage Density:   | <input checked="" type="checkbox"/> Normal   | <input type="checkbox"/> Sparse              |
| NE   |                              |  | Weak crotches:   | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                 |
| E  | 11                           |  | Mainstem dieback:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                 |
| SE   |                              |  | Exposed Roots:   | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                 |
| S  | 17                           |  | Epicormic growth:  | <input type="checkbox"/> No                  | <input checked="" type="checkbox"/> Yes      |
| SW   |                              |  | Shading Out:   | <input type="checkbox"/> No                  | <input checked="" type="checkbox"/> Yes      |
| W  | 16                           |  | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk    | <input type="checkbox"/> Branch              |
| NW   |                              |  | Exfoliating Bark:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                 |
| CANOPY SPREAD (FEET): 31   |                              |  | Water Pocket(s):   | <input type="checkbox"/> No                  | <input checked="" type="checkbox"/> Yes      |
| PROPOSED ACTIONS   |                              |  | Exudations:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                 |
| Monitor for Progress:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Mechanical Damage:   | <input type="checkbox"/> Trunk               | <input type="checkbox"/> Branch              |
| Treat Infestations:  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |  | <input checked="" type="checkbox"/> None     |  |
| Remove Deadwood:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Canker/Galls:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                 |
| Support Structure:   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Fungus:  | <input checked="" type="checkbox"/> No       | <input type="checkbox"/> Yes                 |
| IMPACTS & MITIGATIONS  |                              |  | Vigor:   | <input type="checkbox"/> Excellent           | <input checked="" type="checkbox"/> Average  |
| In Impacted Area: <input type="checkbox"/> Yes <input type="checkbox"/> No   |                              |  |  | <input type="checkbox"/> Fair                | <input type="checkbox"/> Poor                |
| Proposed Land Use:   |                              |  | Twig/ Branch Dieback:  | <input type="checkbox"/> None                | <input type="checkbox"/> Minor               |
| Impacts:   |                              |  |  | <input checked="" type="checkbox"/> Moderate | <input type="checkbox"/> Extensive           |
| Mitigations:   |                              |  | Leaf Size:   | <input checked="" type="checkbox"/> Normal   | <input type="checkbox"/> Small               |
|  |                              |  | Heart Rot:   | <input type="checkbox"/> No                  | <input checked="" type="checkbox"/> Yes      |
|  |                              |  | Insects:   | <input type="checkbox"/> Minor               | <input checked="" type="checkbox"/> Moderate |
|  |                              |  |  | <input type="checkbox"/> Extensive           | <input type="checkbox"/> None                |

**Comments & Notes:** Not tagged due to poison oak; survey visually estimated; dead scaffold branches

<sup>58</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>59</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>60</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 71

| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 3      Height (ft.): 40   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 3, 9, 23  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>62</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>61</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent |   |
| Health Rating <sup>63</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 21  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 25  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 12  |                        | Epicormic growth:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 19  |                        | Cavities: <input checked="" type="checkbox"/> None   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 44   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:**

<sup>61</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>62</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>63</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 72

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1      Height (ft.): 50   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 18  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>65</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>64</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>66</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 21  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 15  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 18  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 17  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 39   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Not tagged due to poison oak; survey visually estimated

<sup>64</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>65</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>66</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 73

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 2      Height (ft.): 30   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 6, 10   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>68</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>67</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>69</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 7   |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 14  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 15  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 12  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 26   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Not tagged due to slope & poison oak; survey visually estimated

<sup>67</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>68</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>69</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 74

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 1      Height (ft.): 40   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 12  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>71</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>70</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent      |   |
| Health Rating <sup>72</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 16  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 18  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 13  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 9   |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 29   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input type="checkbox"/> Average<br><input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Proposed Land Use:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Impacts:   |   |                        |   |   |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Not tagged due to slope & poison oak; survey visually estimated

<sup>70</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>71</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>72</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 75

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 2      Height (ft.): 35   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 8, 16   |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>74</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>73</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>75</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                                 |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                         |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 21  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 19  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 18  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 16  |                        | Cavities: <input type="checkbox"/> None <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch |   |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 39   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input type="checkbox"/> Branch<br><input checked="" type="checkbox"/> None                                      |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| IMPACTS & MITIGATIONS  |   |                        |   |   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:  | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |   |   |

**Comments & Notes:** Not tagged due to slope & poison oak; survey visually estimated; nest in canopy

<sup>73</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>74</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>75</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 76

| GENERAL CHARACTERISTICS  |   |                        |   |   |
|--|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes  |   |
| Trunk Count: 4      Height (ft.): 40   |   |                        | Form: <input checked="" type="checkbox"/> symmetric <input type="checkbox"/> minor asymmetry  |   |
| Trunk DBH (in.): 13, 15, 16, 16  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout  |   |
| Existing Terrain: <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>77</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>76</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent                                    |   |
| Health Rating <sup>78</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature   |   |
| Overall Grade: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                   |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent   |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH   |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/> |
| N  | 18  |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 23  |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 22  |                        | Epicormic growth:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| W  | 28  |                        | Cavities:   | <input checked="" type="checkbox"/> None <input type="checkbox"/> Trunk <input type="checkbox"/> Branch                                       |
| NW   |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
|  |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 51   |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Mechanical Damage:  |   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |   |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   |   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   |   |
| IMPACTS & MITIGATIONS  |   |                        | Vigor:  |   |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |   |
| Proposed Land Use:   |   |                        | Twig/ Branch Dieback:   |   |
| Impacts:   |   |                        | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |   |
| Mitigations:   |   |                        | Leaf Size:  |   |
|  |   |                        | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |   |
|  |   |                        | Heart Rot:  |   |
|  |   |                        | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |   |
|  |   |                        | Insects:  |   |
|  |   |                        | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |   |

**Comments & Notes:** Tagged on southeasterly branch – adjacent to parked trailer; trunks not accessible – behind fence, survey visually estimated

<sup>76</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>77</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>78</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 77

| GENERAL CHARACTERISTICS   |   |                        |   |   |
|---|---|------------------------|---|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other   |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                |   |
| Trunk Count: 3      Height (ft.): 25  |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                      |   |
| Trunk DBH (in.): 3, 7.5, 9  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                                    |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope   |   |                        | <input type="checkbox"/> stag-head  |   |
| Aesthetic Rating <sup>80</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C+ <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>79</sup> : <input checked="" type="checkbox"/> Decurrent <input type="checkbox"/> Excurrent      |   |
| Health Rating <sup>81</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F     |   |                        | Age Class: <input type="checkbox"/> immature <input checked="" type="checkbox"/> semi-mature                      |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F                    |   |                        | <input type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                                    |   |
| CANOPY CHARACTERISTICS  |   |                        | TREE HEALTH   |   |
|   | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:   | Excellent <input type="checkbox"/> Average <input type="checkbox"/><br>Poor <input checked="" type="checkbox"/> None <input type="checkbox"/>   |
| N   | 8   |                        | Foliage Density:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE  |   |                        | Weak crotches:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E   | 7   |                        | Mainstem dieback:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE  |   |                        | Exposed Roots:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S   | 13  |                        | Epicormic growth:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SW  |   |                        | Shading Out:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W   | 14  |                        | Cavities: <input type="checkbox"/> None <input checked="" type="checkbox"/> Trunk <input type="checkbox"/> Branch |   |
| NW  |   |                        | Exfoliating Bark:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 21  |   |                        | Water Pocket(s):  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| PROPOSED ACTIONS  |   |                        | Exudations:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:  | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:  | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS   |   |                        | Twig/ Branch Dieback:   | <input type="checkbox"/> None <input type="checkbox"/> Minor<br><input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:   | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:  | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:  |   |                        | Heart Rot:  | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:  |   |                        | Insects:  | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:  |   |                        |   |   |

**Comments & Notes:** 1 dead trunk; interior deadwood; mechanical damage along Mulholland Hwy for road clearance

<sup>79</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>80</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>81</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead

**OAK TREE FIELD DATA WORKSHEET**

LDC Project No. 13009-001

Survey Date: 4/23/13

Tree Number: 78

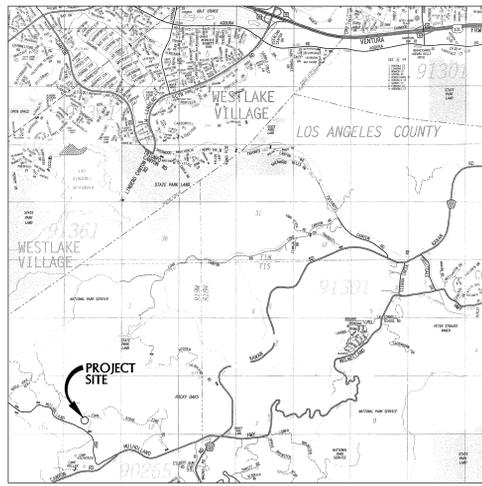
| GENERAL CHARACTERISTICS  |   |                        |  |   |
|--|---|------------------------|--|---|
| Species: <input checked="" type="checkbox"/> <i>Q. agrifolia</i> <input type="checkbox"/> <i>Q. lobata</i> <input type="checkbox"/> Other  |   |                        | Heritage Tree: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                           |   |
| Trunk Count: 4      Height (ft.): 35   |   |                        | Form: <input type="checkbox"/> symmetric <input checked="" type="checkbox"/> minor asymmetry                 |   |
| Trunk DBH (in.): 3, 4, 11, 14  |   |                        | <input type="checkbox"/> major asymmetry <input type="checkbox"/> stump sprout                               |   |
| Existing Terrain: <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Slope  |   |                        | <input type="checkbox"/> stag-head   |   |
| Aesthetic Rating <sup>83</sup> : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F |   |                        | Crown Class <sup>82</sup> : <input type="checkbox"/> Decurrent <input checked="" type="checkbox"/> Excurrent |   |
| Health Rating <sup>84</sup> : <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> F    |   |                        | Age Class: <input type="checkbox"/> immature <input type="checkbox"/> semi-mature                            |   |
| Overall Grade: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C+ <input type="checkbox"/> D <input type="checkbox"/> F                  |   |                        | <input checked="" type="checkbox"/> mature <input type="checkbox"/> over-mature/senescent                    |   |
| CANOPY CHARACTERISTICS   |   |                        | TREE HEALTH  |   |
|  | Dripline Radius (Feet)  | Canopy to Grade (Feet) | Wound Wood Development:  | Excellent <input type="checkbox"/> Average <input checked="" type="checkbox"/><br>Poor <input type="checkbox"/> None <input type="checkbox"/>   |
| N  | 12  |                        | Foliage Density:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Sparse  |
| NE   |   |                        | Weak crotches:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| E  | 17  |                        | Mainstem dieback:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SE   |   |                        | Exposed Roots:   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| S  | 12  |                        | Epicormic growth:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| SW   |   |                        | Shading Out:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| W  | 5   |                        | Cavities: <input type="checkbox"/> None  | <input checked="" type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch  |
| NW   |   |                        | Exfoliating Bark:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| CANOPY SPREAD (FEET): 24   |   |                        | Water Pocket(s):   | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| PROPOSED ACTIONS   |   |                        | Exudations:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Monitor for Progress:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Mechanical Damage:   | <input type="checkbox"/> Trunk <input checked="" type="checkbox"/> Branch<br><input type="checkbox"/> None                                      |
| Treat Infestations:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Canker/Galls:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Remove Deadwood:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Fungus:  | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   |
| Support Structure:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                        | Vigor:   | <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Average<br><input type="checkbox"/> Fair <input type="checkbox"/> Poor   |
| IMPACTS & MITIGATIONS  |   |                        | Twig/ Branch Dieback:  | <input type="checkbox"/> None <input checked="" type="checkbox"/> Minor<br><input type="checkbox"/> Moderate <input type="checkbox"/> Extensive |
| In Impacted Area:  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |                        | Leaf Size:   | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Small   |
| Proposed Land Use:   |   |                        | Heart Rot:   | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes   |
| Impacts:   |   |                        | Insects:   | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate<br><input type="checkbox"/> Extensive <input type="checkbox"/> None |
| Mitigations:   |   |                        |  |   |

**Comments & Notes:** Interior deadwood; mechanical damage along Mulholland Hwy for road clearance; some dead scaffolds

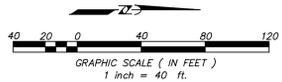
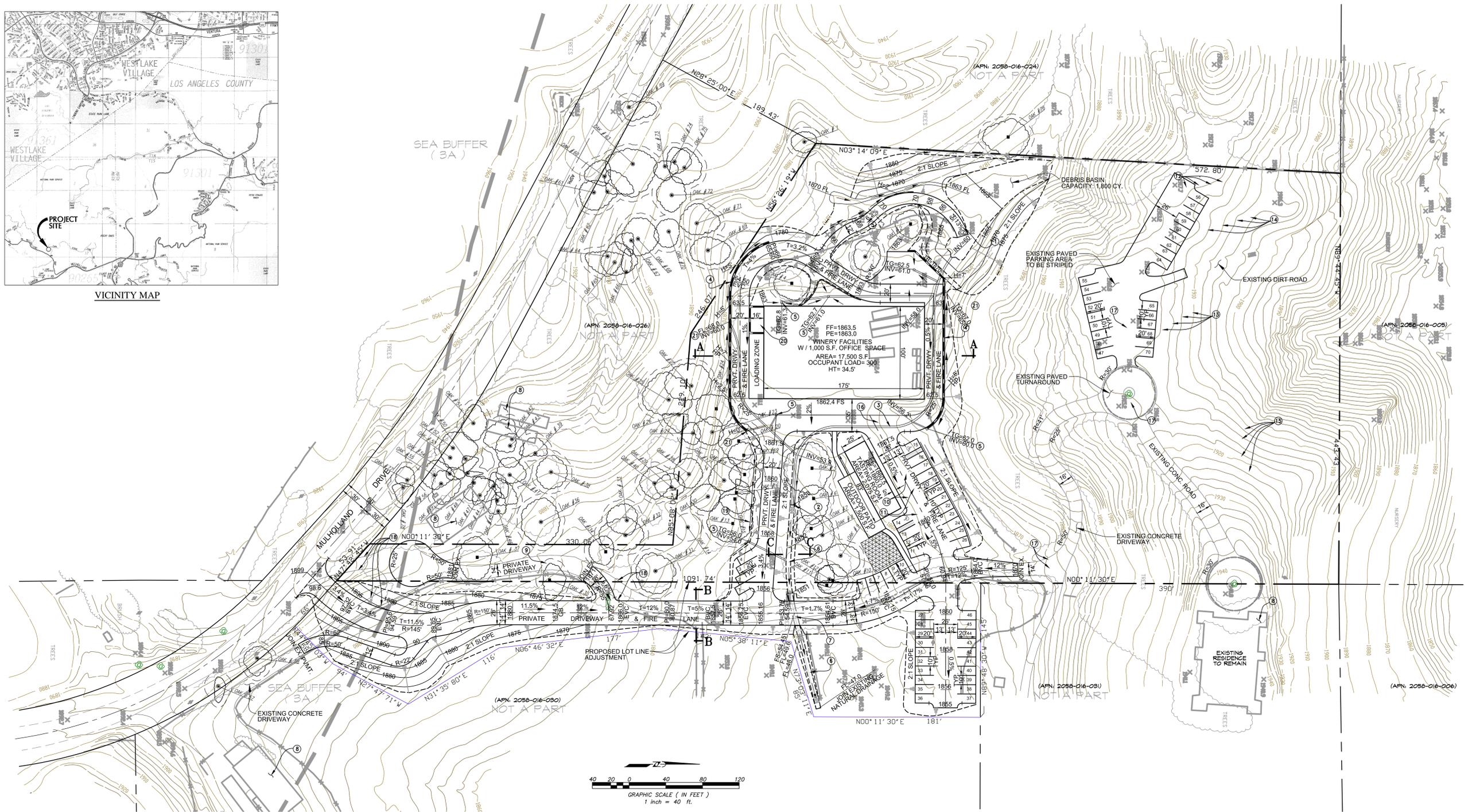
<sup>82</sup> Decurrent = Lacking Strong Central Leader. Excurrent = Strong Central Leader.

<sup>83</sup> Aesthetic (compared to standard tree of same species) : A = nearly symmetrical, healthy tree – F = Dead

<sup>84</sup> Health: A =Outstanding; B = Above Average; C = Average; D = Below Average; F = Dead



VICINITY MAP



**GENERAL NOTES**

1. AREA BEFORE LOT LINE ADJUSTMENT ..... 7.56 AC. GROSS
2. AREA AFTER LOT LINE ADJUSTMENT ..... 9.14 AC. GROSS
3. EXISTING ZONING ..... A-1-5 (LIGHT AGRICULTURE)
4. EXISTING SITE USE ..... STORAGE / MAINTENANCE / PARKING AREA
5. DEVELOPMENT TYPE ..... WINERY FACILITIES / WINE TASTING ROOM
6. TOTAL NUMBER OF LOTS ..... 1
7. TOTAL NUMBER OF PARKING SPACES ..... 51
8. COMMUNITY STANDARDS DISTRICT ..... SANTA MONICA MOUNTAINS NORTH AREA
9. TOPOGRAPHY IS BASED ON CONTROLLED TOPO W/ CONTOUR INTERVALS 2
10. BOUNDARY LINES ESTABLISHED FROM RECORD DATA
11. COMMUNITY / AREA WIDE PLAN ..... NS (MALIBU / SANTA MONICA MOUNTAINS NORTH AREA PLANS)
12. TOP AND TOE OF SLOPES ARE SUBJECT TO CHANGE IN FINAL ENGINEERING.
13. TOTAL CUT: 550 C.Y.; TOTAL FILL: 5,000 C.Y.
14. THERE ARE 75 OAK TREES WITHIN PROJECT BOUNDARY
15. DEVELOPMENT IS LOCATED IN A VERY HIGH FIRE HAZARD SEVENTY ZONE
16. DISTURBED AREA ..... 2.95 AC.

**UTILITIES AND SERVICES**

- WATER: LAS VIRGENES MUNICIPAL WATER DISTRICT/ PRIVATE WELLS  
 SEWER: PRIVATE SEPTIC SYSTEM  
 GAS: SOUTHERN CALIFORNIA GAS COMPANY  
 ELECTRIC: SOUTHERN CALIFORNIA EDISON COMPANY

**GENERAL NOTES**

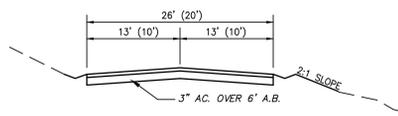
1. PROPOSED 24" INLET STRUCTURE
2. PROPOSED 24" OUTLET STRUCTURE
3. PROPOSED 24" PVC DRAIN PIPE
4. PROPOSED RETAINING WALL WITH WALL DRAIN
5. PROPOSED 24"x 24" CATCH BASIN
6. PROPOSED 5' WIDE EARTHEN CHANNEL
7. PROPOSED 24" SOFT BOTTOM CULVERT
8. EXISTING BUILDING TO REMAIN
9. PORTION OF EXISTING DRIVEWAY TO REMAIN
10. PROPOSED 2,500 GALLON SEPTIC TANK
11. PROPOSED 750 GALLON PUMP STATION/WET WELL
12. PROPOSED FOUR PRIMARY LEACH LINES 89' LONG, 3" WIDE, 7" DEEP (3' OF ROCK BELOW THE PIPE) PER SOILS REPORT DATED MAY 07, 2012
13. PROPOSED FOUR PRIMARY LEACH LINES 89' LONG, 3" WIDE, 6" DEEP (3' OF ROCK BELOW THE PIPE) PER SOILS REPORT DATED MAY 07, 2012
14. FOUR FUTURE LEACH LINES 89' LONG, 3" WIDE, 7" DEEP (3' OF ROCK BELOW THE PIPE) PER SOILS REPORT DATED MAY 07, 2012
15. FOUR FUTURE LEACH LINES 89' LONG, 3" WIDE, 6" DEEP (3' OF ROCK BELOW THE PIPE) PER SOILS REPORT DATED MAY 07, 2012
16. PROPOSED 6" SEWER LATERAL
17. PROPOSED 3" SEWER FORCED MAIN
18. EXISTING AC PAVEMENT TO BE REMOVED
19. PROPOSED 18" P.C.C. SWALE
20. 4' RAISED LOADING DECK
21. WALL DRAIN OUTLET

**LEGEND**

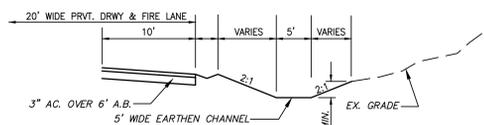
- PROPOSED RETAINING WALL
  - TRACT BOUNDARY LINE
  - EXISTING CONTOURS
  - EXISTING ELEVATION
  - SEA: BUFFER (3A) LIMIT
  - OAK TREE WITH 5' PROTECTED ZONE
  - OAK TREE TO REMAIN (59)
  - ▲ OAK TREE TO BE REMOVED (0)
  - OAK TREE TO BE ENCRUACHED (18)
- NOTE: "PROTECTED ZONE" OF AN OAK TREE EXTENDS 5' FROM THE DRIFLINE OUTWARD, OR A MINIMUM OF 15' FROM THE TRUNK WHICHEVER DISTANCE IS GREATER
- H - HEIGHT OF RETAINING WALL
  - R - RADIUS
  - EV - END OF VERTICAL CURVE
  - BVC - BEGINNING OF VERTICAL CURVE
  - C.B. - CATCH BASIN
  - CL - CENTER LINE
  - DRWY - DRIVEWAY
  - EL/ELEV - ELEVATION
  - EX/EXIST - EXISTING
  - FL - FLOW LINE
  - FS - FINISH SURFACE
  - GB - GRADE BREAK
  - HP - HIGH POINT
  - MIN. - MINIMUM
  - MH - MANHOLE
  - PE - PAD ELEVATION
  - PI - POINT OF INTERSECTION
  - PL - PROPERTY LINE
  - DIRECTION OF FLOW
  - ▼ E.F.H. - EX. FIRE HYDRANT

**PARKING TABLE**

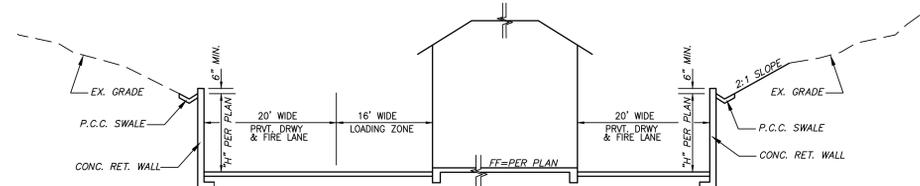
| WINERY | WINE TASTING | TOTAL |
|--------|--------------|-------|
| 35     | 35           | 70    |



SECTION B-B  
TYPICAL DRIVEWAY SECTION  
NOT TO SCALE



SECTION C-C  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

| DATE | CHANGED BY | REVISION |
|------|------------|----------|
|      |            |          |
|      |            |          |
|      |            |          |



**OWNER/DEVELOPER:**  
**MALIBU FAMILY WINES**  
 32111 MULHOLLAND DR. MALIBU, CA 90265  
 Ph: (818) 889-0120 Fax: (818) 889-5349

**LEGAL DESCRIPTION:**

**OAK TREE LOCATION AND IMPACT MAP**  
 32111 MULHOLLAND DR. MALIBU, CA 90265  
 IN THE UNINCORPORATED TERRITORY OF COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

**PREPARED BY:**  
**LAND DESIGN CONSULTANTS, INC.**  
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**LDC**

Project No. 13009-001  
 SHEET 1 OF 1

Charles A. Gilman, R.C.E. No. C54155