California Tree and Landscape Consulting, Inc.

January 31, 2023

BEM
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PRELIMINARY ARBORIST REPORT & TREE INVENTORY

RE: 3984 Delmar Ave, APN 030-130-028; 030-130-032; 030-130-033 Town of Loomis Jurisdiction

Executive Summary

Tim Tull of BEM Construction, on behalf of the owner, contacted California Tree and Landscape Consulting, Inc. to inventory and evaluate the trees on the site for purposes of providing preliminary tree information regarding planning for development of the parcel. In addition, trees located off the parcel are included because of their potential proximity to proposed development. The property is located at 3984 Delmar Avenue, Loomis CA and is subject to the jurisdiction of the Town of Loomis. See Supporting Information Appendix 1 – Tree Inventory Map.

Tyler Thomson, ISA Certified Arborist #WE-12751A, was on the site January 24th & 25th, 2023 to provide species identification, measurements of diameter and canopy, field condition notes, and arborist ratings. A total of 118 trees were included in the inventory. 43 of the trees surveyed are protected by the Town of Loomis Tree Preservation and Protection Ordinance. 38 trees are located off the parcel but were included in the inventory because they may be impacted by development of the parcel. See Appendices for specific information on each tree.

Tree Species	Trees Inventoried	Trees on the Site[1]	Protected Trees	Trees Proposed for Removal
Blue Oak	1	1	1	TBD
Interior Live Oak	26	4	26	TBD
Valley Oak	16	5	16	TBD
Non-Protected: blue gum, bradford pear, northern California black walnut, coast redwood, cottonwood, incense cedar, London planetree, pacific willow, red ironbark, silver maple	75	70	0	TBD
Totals	**118**	**80**	**43**	–

See Appendices for specific information on each tree and preservation requirements and/or restrictions.

[1] CalTLC is not a licensed land surveyor. Tree locations are approximate and we do not determine tree ownership. Trees which appear to be on another parcel are listed as off-site and treated as the property of that parcel.

Methods

Appendix 2 in this report is the detailed inventory of the trees. The following terms will further explain our methods and findings.

The protected trees evaluated as part of this report have a numbered tag that was placed on each one that is 1-1/8" x 1-3/8", green anodized aluminum, "acorn" shaped, and labeled: CalTLC, Auburn, CA with 1/4" pre-stamped tree number and Tree Tag. They are attached with a natural-colored aluminum 10d nail, installed at approximately 6 feet above ground level on the approximate north side of the tree. The tag should last ~10-20+ years depending on the species, before it is enveloped by the trees' normal growth cycle.

A Level 2 – Basic Visual Assessment was performed in accordance with the International Society of Arboriculture's best management practices. This assessment level is limited to the observation of conditions and defects which are readily visible. Additional limiting factors, such as blackberries, poison oak, and/or debris piled at the base of a tree can inhibit the visual assessment.

Tree Location: The GPS location of each tree was collected using the ESRI's ArcGIS collector application on an Apple iPhone or Samsung. The data was then processed in ESRI's ArcMap by Julie McNamara, M.S. GISci, to produce the Tree Location Map.

Tree Measurements: DBH (diameter breast high) is normally measured at 4'6" (above the average ground height for "Urban Forestry"), but if that varies then the location where it is measured is noted. A steel diameter tape was used to measure the diameter. A Stanley laser distance meter was used to measure distances. Canopy radius measurements may also have been estimated due to obstructions, such as steep slopes, fences, or other trees.

Terms

Field Tag #	The pre-stamped tree number on the tag which is installed at approximately 6 feet above ground level on the north side of the tree.
Old Tag #	If additional field tags are found on the trees and are legible, they are listed here.
Species	The species of a tree is listed by our local and correct common name and botanical name by genus (capitalized) and species (lower case). Oaks frequently cross-pollinate and hybridize, but the identification is towards the strongest characteristics.
DBH	Diameter breast high' is normally measured at 4'6" (above the average ground height for "Urban Forestry"), but if that varies then the location where it is measured is noted in the next column "measured at"
Measured at	Height above average ground level where the measurement of DBH was taken.
Canopy Radius	The farthest extent of the crown composed of leaves and small twigs. Most trees are not evenly balanced. This measurement represents the longest extension from the trunk to the outer canopy. The dripline measurement is from the center point of the tree and is shown on the Tree Location Map as a circle. This measurement further defines the protection zone if specified in the local ordinance as such or can indicate if pruning may be required for development
Protected Root Zone	The radius of the protected root zone is a circle equal to the trunk diameter inches converted to feet and factored by tree age, condition and health pursuant to the industry standard. Best Management Practices: Managing Trees During Construction, the companion publication to the Approved American National Standard, provides guidance regarding minimum tree root protection zones for long term survival. In instances where a tree is multi-stemmed, the protected root zone is equal to the extrapolated diameter (sum of the area of each stem converted to a single stem) factored by tree age, condition and health.

Arborist Rating

Subjective to condition and is based on both the health and structure of the tree. All of the trees were rated for condition, per the recognized national standard as set up by the Council of Tree and Landscape Appraisers and the International Society of Arboriculture (ISA) on a numeric scale of 5 (being the highest) to 0 (the worst condition, dead) as in Chart A. The rating was done in the field at the time of the measuring and inspection.

No problem(s)	Excellent	**5**	No problems found from a visual ground inspection. Structurally, these trees have properly spaced branches and near perfect
No apparent problem(s)	Good or Fair to Good	**4**	The tree is in good condition and there are no apparent problems that a Certified Arborist can see from a visual ground inspection. If potential structural or health problems are tended to at this stage future hazard can be reduced and more serious health problems can be averted.
Minor problem(s)	Fair	**3**	The tree is in fair condition. There are some minor structural or health problems that pose no immediate danger. When the recommended actions in an arborist report are completed correctly the defect(s) can be minimized or eliminated and/or health can be improved.
Major or uncorrectable problems (2)	Fair to Poor	**2**	The tree has major problems. If the option is taken to preserve the tree, additional evaluation to identify if health or structure can be improved with correct arboricultural work including, but not limited to: pruning, cabling, bracing, bolting, guying, spraying, mistletoe removal, vertical mulching, fertilization, etc. Additionally, risk should be evaluated as a tree rated 2 may have structural conditions which indicate there is a high likelihood of some type of failure. Tree rated 2 should be removed if these additional evaluations will not be performed.
Extreme problem(s)	Poor	**1**	The problems are extreme. This rating is assigned to a tree that has structural and/or health problems that no amount of work or effort can change. The issues may or may not be considered a dangerous situation.
Dead	Dead	**0**	This indicates the tree has no significant sign of life.

Notes: Provide notable details about each tree which are factors considered in the determination of the tree rating including: (a) condition of root crown and/or roots; (b) condition of trunk; (c) condition of limbs and structure; (d) growth history and twig condition; (e) leaf appearance; and (f) dripline environment. Notes also indicate if the standard tree evaluation procedure was not followed (for example - why DBH may have been measured at a location other than the standard 54”). Additionally, notes will list any evaluation limiting factors such as debris at the base of a tree.

Actions Recommended actions to increase health and longevity.

Development Impacts Projected development impacts are based solely on distance relationships between tree location and grading. Field inspections and findings during the project at the time of grading and trenching can change relative impacts. Closely followed guidelines and requirements can result in a higher chance of survival, while requirements that are overlooked can result in a dramatically lower chance of survival. Impacts are measured as follows:

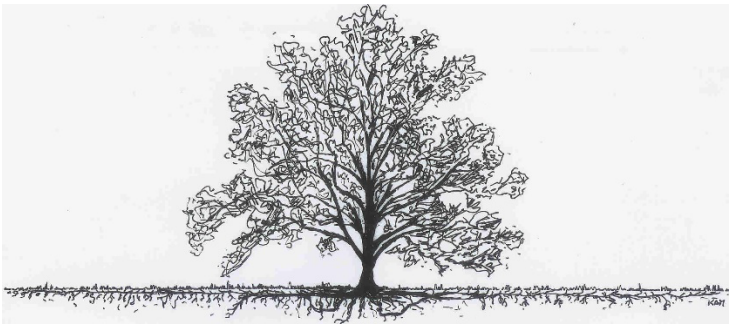
Impact Term:	Long Term Result of Impact:
Negligible	Tree is unlikely to show any symptoms. Chance of survival post development is excellent. Impacts to the Protected Root Zone are less than 5%.
Minor	Tree is likely to show minor symptoms. Chance of survival post development is good. Impacts to the Protected Root Zone are less than 15% and species tolerance is good.
Moderate	Tree is likely to show moderate symptoms. Chance of survival post development is fair. Impacts to the Protected Root Zone are less than 35% and species tolerance is good or moderate.
Severe	Tree is likely to show moderate symptoms annually and a pattern of decline. Chance of long-term survival post development is low. Impacts to the Protected Root Zone are up to 50% and species tolerance is moderate to poor.
Critical	Tree is likely to show moderate to severe symptoms annually and a pattern of decline. Chance of long-term survival post development is negligible. Impacts to the Protected Root Zone are up to 80%.

Discussion

Trees need to be protected from normal construction practices if they are to remain on the site and are expected to survive long term. While construction damage in the root zone is often the death of a tree, the time from when the damage occurs to when the symptoms begin and/or the tree dies can be years. Our recommendations are based on experience and the local ordinance requirements to enhance tree longevity. It requires the calculated root zone must remain intact as an underground ecosystem despite the use of heavy equipment to install foundations, driveways, underground utilities, and landscape irrigation systems. Simply walking and driving on soil can have serious consequences to tree health. The Tree Preservation Requirements and General Development Guidelines should be incorporated into the site plans and enforced onsite. The project arborist should be included in the development team during construction to provide expertise and make additional recommendations if additional impacts occur or tree response is poor.

Root Structure

The majority of a tree's roots are contained in a radius from the main trunk outward approximately two to three times the canopy of the tree. These roots are located in the top 6" to 3' of soil. It is a common misconception that a tree underground resembles the canopy. The correct root structure of a tree is in the drawing below. All plants' roots need both water and air for survival. Poor canopy development or canopy decline in mature trees after development is often the result of inadequate root space and/or soil compaction.



The reality of where roots are generally located

Pruning Mature Trees for Risk Reduction and/or Development Clearance

There are few good reasons to prune mature trees. Removal of deadwood, directional pruning, removal of decayed or damaged wood, and end-weight reduction as a method of mitigation for structural faults are the only reasons a mature tree should be pruned. Live wood over 3" should not be pruned unless absolutely necessary. Pruning cuts should be clean and correctly placed. Pruning should be done in accordance with the American National Standards Institute (ANSI) A300 standards.

Pruning causes an open wound in the tree. Trees do not "heal" they compartmentalize. It is far better to use more small cuts than a few large cuts as small pruning wounds reduce risk while large wounds increase risk. Any wound made today will always remain, but a healthy tree, in the absence of decay in the wound, will 'cover it' with callus tissue. Large, old pruning wounds which did not close with callous tissue often have advanced decay. These wounds are a likely failure point. Mature trees with large wounds have a high risk of failure.

Overweight limbs are a common structural fault in suppressed trees. There are two remedial actions for over- weight limbs (1) prune the limb to reduce the extension of the canopy, or (2) cable the limb to reduce movement. Cables do not hold weight they only stabilize the limb and additionally require annual inspection.

Arborist Classifications

There are different types of Arborists:

Tree Removal and/or Pruning Companies: These companies may be licensed by the State of California to do business as a tree removal company, but they do not necessarily know anything about trees biology.

Arborists: Arborist is a broad term intended to mean someone with specialized knowledge of trees, but it is often used to imply knowledge that is not there.

ISA Certified Arborist: An International Society of Arboriculture Certified Arborist is someone who has trained, met the qualifications for application, and been tested to have specialized knowledge of trees. You can look up certified arborists at the International Society of Arboriculture website: isa-arbor.org.

Consulting Arborist: An American Society of Consulting Arborists Registered Consulting Arborist is someone who has been trained and then tested to have specialized knowledge of trees; and trained and tested to provide high quality reports and documentation. You can look up registered consulting arborists at the American Society of Consulting Arborists website: ASCA-consultants.org.

Decay in Trees

Decay (in General): Fungi cause all decay of living trees. Decay is considered a disease because cell walls are altered, wood strength is affected, and living sapwood cells may be killed. Fungi decay wood by secreting enzymes. Different types of fungi cause different types of decay through the secretion of different chemical enzymes. Some decays, such as white rot, cause less wood strength loss than others because they first attack the lignin (causes cell walls to thicken and reduces susceptibility to decay and pest damage) secondarily the cellulose (another structural component in a cell walls). Others, such as soft rot, attack the cellulose chain and cause substantial losses in wood strength even in the initial stages of decay. Brown rot causes wood to become brittle and fractures easily with tension. Identification of internal decay in a tree is difficult because visible evidence may not be present.

According to Evaluation of Hazard Trees in Urban Areas (Matheny, 1994) decay is a critical factor in the stability of the tree. As decay progresses in the trunk, the stem becomes a hollow tube or cylinder rather than a solid rod. This change is not readily apparent to the casual observer. Trees require only a small amount of bark and wood to transport water, minerals and sugars. Interior heartwood can be eliminated (or degraded) to a great degree without compromising the transport process. Therefore, trees can contain significant amounts of decay without showing decline symptoms in the crown. Compartmentalization of decay in trees is a biological process in which the cellular tissue around wounds is changed to inhibit fungal growth and provide a barrier against the spread of decay agents into additional cells. The weakest of the barrier zones is the formation of the vertical wall. Accordingly, while a tree may be able to limit decay progression inward at large pruning cuts, in the event that there are more than one pruning cut located vertically along the main trunk of the tree, the likelihood of decay progression and the associated structural loss of integrity of the internal wood is high.

Oak Tree Impacts

Our native oak trees are easily damaged or killed by having the soil within the Protected Root Zone (PRZ) disturbed or compacted. All of the work initially performed around protected trees that will be saved should be done by people rather than by wheeled or track type tractors. Oaks are fragile giants that can take little change in soil grade, compaction, or warm season watering. Don't be fooled into believing that warm season watering has no adverse effects on native oaks. Decline and eventual death can take as long as 5-20 years with poor care and inappropriate watering. Oaks can live hundreds of years if treated properly during construction, as well as later with proper pruning, and the appropriate landscape/irrigation design.

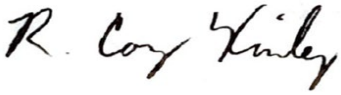
RECOMMENDATIONS: Summary of Tree Protection Measures

The Owner and/or Developer should ensure the project arborist's protection measures are incorporated into the site plans and followed. Tree specific protection measures can be found in Appendix 2 – Tree Data.

- The project arborist should inspect the fencing prior to grading and/or grubbing for compliance with the recommended protection zones.
- All stumps within the root zone of trees to be preserved shall be ground out using a stump router or left in place. **No trunk within the root zone of other trees shall be removed using a backhoe or other piece of grading equipment.**
- Prior to any grading, or other work on the site that will come within 50' of any tree to be preserved, irrigation will be required from April through September and placement of a 4-6" layer of chip mulch over the protected root zone of all trees that will be impacted. Chips should be obtained from onsite materials and trees to be removed.
- Clearance pruning should include removal of all the lower foliage that may interfere with equipment PRIOR to having grading or other equipment on site. The Project Arborist should approve the extent of foliage elevation and oversee the pruning to be performed by a contractor who is an ISA Certified Arborist.

- Clearly designate an area on the site outside the drip line of all trees where construction materials may be stored, and parking can take place. No materials or parking shall take place within the root zones of protected trees.
- Any and all work to be performed inside the protected root zone fencing shall be supervised by the project arborist.
- Trenching inside the protected root zone shall be by a hydraulic or air spade, placing pipes underneath the roots, or boring deeper trenches underneath the roots.
- Follow all of the General Development Guidelines, Appendix 3, for all trees.

Report Prepared by:



R. Cory Kinley
ISA Certified Arborist #WC-9717A, TRAQ

Enc.: Appendix 1 – Tree Inventory Map
Appendix 2 – Tree Data
Appendix 3 – General Development Guidelines
Appendix 4 – Site Photographs

Bibliography

International Society of Arboriculture. (2015). *Glossary of Arboricultural Terms.* Champaign: International Society of Arboriculture.

L.R., C. (2003). *Reducing Infrastructure Damage by Tree Roots.* Porterville: International Society of Arboriculture.

Matheny, J. C. (1994). *Evaluation of Hazard Trees in Urban Areas, Second Edition.* Champaign: International Society of Arboriculture.

Menzer, K. (2008). *Consulting Arborist Report.*

Smiley. (2008). *Managing Trees During Construction, Best Management Practices.* Champaign: International Society of Arboriculture.

Stamen, R. (1997). *California Arboriculture Law.* Riverside: Law Offices of Randall S. Stamen.

Tree Care Industry Association. (2017). *Tree, Shrub, and Other Woody Plant Management - Standard Practices (Pruning).* Londonderry: Tree Care Industry Association.

Urban, J. (2008). *Up by the Roots.* Champaign: International Society of Arboriculture.

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California Tree & Landscape Consulting, Inc.

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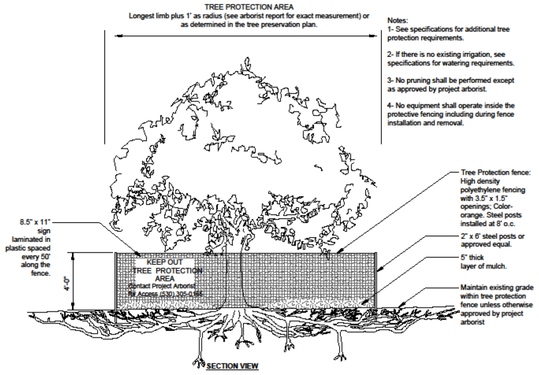
TREE PROTECTION GENERAL REQUIREMENTS

1. The project arborist for this project is California Tree & Landscape Consulting. The primary contact information is Nicole Harrison (530) 305-0165. The project arborist may continue to provide expertise and make additional recommendations during the construction process if and when additional impacts occur or tree response is poor. Monitoring and construction oversight by the project arborist is recommended for all projects and required when a final letter of assessment is required by the jurisdiction.
2. The project arborist should inspect the exclusionary root protection fencing installed by the contractors prior to any grading and/or grubbing for compliance with the recommended protection zones. Additionally, the project arborist shall inspect the fencing at the onset of each phase of construction. The root protection zone for trees is specified as the 'canopy radius' in Appendix 2 in the arborist report unless otherwise specified by the arborist. Note 'dripline' is not an acceptable location for installation of tree protection fencing.
3. The project arborist should directly supervise any clearance pruning, irrigation, fertilization, placement of mulch and/or chemical treatments. If clearance pruning is required, the Project Arborist should approve the extent of foliage elevation and oversee the pruning to be performed by a contractor who is an ISA Certified Arborist. Clearance pruning should include removal of all the lower foliage that may interfere with equipment PRIOR to having grading or other equipment on site.
4. No trunk within the root protection zone of any trees shall be removed using a backhoe or other piece of grading equipment.
5. Clearly designate an area on the site that is outside of the protection area of all trees where construction materials may be stored, and parking can take place. No materials or parking shall take place within the protection zones of any trees on or off the site.
6. Any and all work to be performed inside the protected root zone fencing, including all grading and utility trenching, shall be approved and/or supervised by the project arborist.
7. Trenching, if required, inside the protected root zone shall be approved and/or supervised by the project arborist and may be required to be performed by hand, by a hydraulic or air spade, or other method which will place pipes underneath the roots without damage to the roots.
8. The root protection zone for trees is specified as the 'canopy radius' in Appendix 2 in the arborist report unless otherwise specified by the arborist. Note 'dripline' is not an acceptable location for installation of tree protection fencing.



S-X TREE PROTECTION

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TREE INVENTORY MAP

>Tree locations are approximate and were collected using apple iOS products.
>Property line information was downloaded from Placer County.

Property Line
Measured Tree Canopy

Arborist Rating
- 0 Dead
- 1 Extreme Structure or Health Problems
- 2 Major Structure or Health Problems
- 3 Fair - Minor Problems
- 4 Good - No Apparent Problems
- 5 Excellent

3984 Delmar Avenue, Loomis CA

APN 030-130-028; 030-130-032; 030-130-033

Sheet No.
TPP 1.0

Date: 1/27/2023

APPENDIX 2 – TREE DATA

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
100		Yes	Seqouia Sempervirens	coast redwood	10		54	10	3-Minor Problems		fair structure and vigor. overlaps property line by 1'.
101			*Salix lasiandra*	pacific willow	20	10, 10	54	20	3-Minor Problems		base covered in blackberry. stems lean north over property line by 15'. fair vigor.
102		Yes	*Salix lasiandra*	pacific willow	21	8, 7, 6	54	20	2-Major Structure or health problems		12' south of property line. poor structure, multiple main stem failers in canopy. high amount of dead branches. overlaps property line north by 8'.
103		Yes	*Salix lasiandra*	pacific willow	17	6, 6, 5	24	22	2-Major Structure or health problems		multiple small diameter stems growing out of blackberry bush. stems growing low over grade. overlaps property line by 18'.
500			*Eucalyptus globulus*	blue gum eucalyptus	20		54		0-Dead		standing 90% intact.
501			*Eucalyptus globulus*	blue gum eucalyptus	30		54		0-Dead		standing 95% intact.
502			*Eucalyptus globulus*	blue gum eucalyptus	20		54		0-Dead		standing 60% intact.
503			*Eucalyptus globulus*	blue gum eucalyptus	25		54		0-Dead		standing 80% intact.
504			*Eucalyptus globulus*	blue gum eucalyptus	12		54		0-Dead		standing 50% intact.
505			*Eucalyptus globulus*	blue gum eucalyptus	10		54		0-Dead		standing 85% intact.
506			*Eucalyptus globulus*	blue gum eucalyptus	25		54		0-Dead		standing 90% intact.
507			*Eucalyptus globulus*	blue gum eucalyptus	26		54		0-Dead		standing 90% intact.
508			*Eucalyptus globulus*	blue gum eucalyptus	20		54		0-Dead		standing 75% intact.
4301	Yes		*Quercus lobata*	valley oak	22		54	24	3-Minor Problems		good base. codominant at 13'. well balanced canopy. good vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4302	Yes		*Quercus wislizenii*	interior live oak	22		54	21	2-Major Structure or health problems		good base. codominant at 6'. good canopy balance and structure. low crown density. foliage is sparse and diseased.
4303			*Pyrus calleryana*	bradford pear	11		54	15	2-Major Structure or health problems		sunken base flare. swollen lower trunk with decay. codominant at 5'. multiple failed canopy stems. poor structure.
4304			*Pyrus calleryana*	bradford pear	38	16, 11, 7, 4	54	18	2-Major Structure or health problems		multi-stem at grade. dense sprouts on lower trunks. crossing/rubbing canopy stems. fair/poor vigor.
4305			*Pyrus calleryana*	bradford pear	42	13, 10, 8, 6, 5	40	17	2-Major Structure or health problems		multi-stem at grade. crossing/rubbing canopy stems. low canopy southwest. fair/poor vigor.
4306	Yes		*Quercus lobata*	valley oak	56.5		36	46	3-Minor Problems		large buttress roots at base flare. codominant at 5'. good stem and canopy structure. good vigor.
4307	Yes	Yes	*Quercus wislizenii*	interior live oak	11		54	20	3-Minor Problems		1' west of property line. canopy leans east, overlaps property line by 18', low canopy.
4308	Yes	Yes	*Quercus wislizenii*	interior live oak	14		20	14	3-Minor Problems		1' west of property line. canopy leans east, overlaps property line by 14'. fair vigor.
4309	Yes	Yes	*Quercus wislizenii*	interior live oak	14		12	18	3-Minor Problems		2' west of property line. canopy leans east, overlaps property line by 16', low canopy. fair vigor.
4310		Yes	*Juglans hindsii*	northern California black walnut	11		54	22	3-Minor Problems		tag placed on fence. 8' west of property line. canopy leans east, overlaps property line by 10', low canopy. fair vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4311	Yes	Yes	*Quercus lobata*	valley oak	39	15, 13, 11	54	25	2-Major Structure or health problems		tag placed on fence. dbh approximate. 8' west of property line. canopy leans southeast, overlaps property line by 14'. crowded codominant unions with included bark. rubbing main stems with dead/dying bark. fair/low vigor.
4312	Yes	Yes	*Quercus wislizenii*	interior live oak	23	12, 11	36	18	3-Minor Problems		tag placed on fence. dbh approximate. 4' west of property line. canopy leans east, overlaps property line by 14'. codominant at 1'. fair structure and vigor.
4313	Yes	Yes	*Quercus lobata*	valley oak	10		54	14	3-Minor Problems		1' west of property line. canopy overlaps property line by 13'. codominant at 9'. fair structure and vigor.
4314	Yes	Yes	*Quercus wislizenii*	interior live oak	14		54	18	3-Minor Problems		1' west of property line. canopy overlaps property line by 17'. codominant at 15'. good structure and vigor.
4315	Yes	Yes	*Quercus wislizenii*	interior live oak	18		40	23	3-Minor Problems		1' west of property line. canopy overlaps property line by 22'. codominant at 6'. moderate/low crown density. fair structure and vigor.
4316	Yes	Yes	*Quercus lobata*	valley oak	20		6	24	3-Minor Problems		dbh approximate. tag on fence. 3' west of property line. canopy overlaps property line by 21'. multi-stem at 3'. fair structure and vigor.
4317	Yes	Yes	*Quercus wislizenii*	interior live oak	20	10, 10	54	17	3-Minor Problems		tag on fence. 1' west of property line. canopy overlaps property line by 16'. codominant at 2'. fair structure and vigor.
4318	Yes	Yes	*Quercus lobata*	valley oak	24	13, 11	54	25	3-Minor Problems		1' west of property line. canopy overlaps property line by 5', canopy leans west. codominant at grade. fair structure and vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4318	Yes	Yes	*Quercus lobata*	valley oak	24	13, 11	54	25	3-Minor Problems		1' west of property line. canopy overlaps property line by 5', canopy leans west. codominant at grade. fair structure and vigor.
4319	Yes	Yes	*Quercus wislizenii*	interior live oak	23	7, 6, 5, 5	54	20	3-Minor Problems		4' west of property line. canopy overlaps property line by 16', canopy leans east. multi-stem at grade. fair structure and vigor.
4319	Yes	Yes	*Quercus wislizenii*	interior live oak	23	7, 6, 5, 5	54	20	3-Minor Problems		4' west of property line. canopy overlaps property line by 16', canopy leans east. multi-stem at grade. fair structure and vigor.
4319	Yes	Yes	*Quercus wislizenii*	interior live oak	23	7, 6, 5, 5	54	20	3-Minor Problems		4' west of property line. canopy overlaps property line by 16', canopy leans east. multi-stem at grade. fair structure and vigor.
4320	Yes	Yes	*Quercus wislizenii*	interior live oak	13		40	25	3-Minor Problems		dbh approximate. tag placed on fence. 5' west of property line. canopy overlaps property line by 20', canopy leans east. codominant at 4'. fair structure and vigor.
4321	Yes	Yes	*Quercus lobata*	valley oak	50	13, 11, 8, 8, 5, 5	54	30	2-Major Structure or health problems		dbh approximate. tag placed on fence. 2' west of property line. canopy overlaps property line by 28', canopy leans east. multi-stem at 1'. extensive dead/dying bark on main stems. low crown density. high amount of small dead branches. low vigor.
4322	Yes	Yes	*Quercus wislizenii*	interior live oak	7		54	27	2-Major Structure or health problems		2' west of property line. canopy overlaps property line by 25', canopy leans heavy east, poor structure. low vigor.
4323	Yes	Yes	*Quercus wislizenii*	interior live oak	31	8, 8, 8, 7	54	30	2-Major Structure or health problems		4' west of property line. canopy overlaps property line by 26', canopy leans heavy east, low canopy over ground, poor structure. low vigor.
4324	Yes	Yes	*Quercus lobata*	valley oak	32		54	29	3-Minor Problems		tag on fence. 3' west of property line. canopy overlaps property line by 26'. low branches southwest. codominant at 5 and 6'. fair structure and vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4325	Yes	Yes	*Quercus wislizenii*	interior live oak	11		54	24	2-Major Structure or health problems		tag on fence. dbh approximate. 12' west of property line. canopy overlaps property line by 12'. heavy lean north, canopy leans east, poor structure. fair/low vigor.
4326	Yes	Yes	*Quercus wislizenii*	interior live oak	10		54	17	2-Major Structure or health problems		touching fence, west of property line. canopy overlaps property line by 17'. canopy leans low east, poor structure. severely unbalanced canopy, high amount of dead branches. low vigor.
4327	Yes	Yes	*Quercus lobata*	valley oak	43		54	36	3-Minor Problems		touching fence, west of property line. canopy overlaps property line by 36'. metal pipe in base south. codominant at 6'. good structure and vigor.
4328	Yes	Yes	*Quercus wislizenii*	interior live oak	28		54	35	2-Major Structure or health problems		dbh approximate. tag on fence. growing 5' west of property line. canopy overlaps property line by 31'. trunk leans south. unbalanced canopy east. low crown density, high amount of small dead branches.
4329	Yes	Yes	*Quercus lobata*	valley oak	10		54	12	3-Minor Problems		tag on fence. growing 1' west of property line. canopy overlaps property line by 10'. good base, structure and vigor.
4330	Yes	Yes	*Quercus wislizenii*	interior live oak	16		54	25	3-Minor Problems		growing 1' west of property line. canopy overlaps property line by 24'. fair base, structure and vigor. leans moderately southeast.
4331	Yes	Yes	*Quercus wislizenii*	interior live oak	12		54	26	1-Extreme Structure or Health Problems		tag on fence. dbh approximate. growing 8' west of property line. canopy overlaps property line by 17'. base on old flush cut stumps, weak attachment. severe heavy lean southeast. low vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4332	Yes	Yes	*Quercus lobata*	valley oak	10		54	24	3-Minor Problems		tag on fence. dbh approximate. growing 6' west of property line. canopy overlaps property line by 18'. fair base, structure and vigor. leans moderately east.
4333	Yes	Yes	*Quercus wislizenii*	interior live oak	14	7, 7	54	22	2-Major Structure or health problems		growing on fence line, west of property line. fence greown into trunk and stem, damaging tree. canopy overlaps property line by 22'. codominant at 1', included bark present. unbalanced canopy east.
4334	Yes	Yes	*Quercus wislizenii*	interior live oak	39	16, 14, 9	54	31	3-Minor Problems		growing on fence line, west of property line. fence grown into base. canopy overlaps property line by 31'. codominant at 1 and 4'. fair structure and vigor.
4335			*Eucalyptus globulus*	blue gum eucalyptus	28		36	30	2-Major Structure or health problems		fair base. codominant at 6'. heavy unbalanced canopy west. fair vigor.
4336			*Eucalyptus globulus*	blue gum eucalyptus	24		54	40	2-Major Structure or health problems		fair base. codominant at 15'. heavy unbalanced canopy stems. fair vigor.
4337			*Eucalyptus globulus*	blue gum eucalyptus	24		54	32	3-Minor Problems		fair base, structure and vigor.
4338			*Eucalyptus globulus*	blue gum eucalyptus	57	42, 15	54	42	3-Minor Problems		fair base. touching main stems. fair structure and vigor.
4339			*Eucalyptus sideroxylon var. rosea*	red ironbark eucalyptus	17		54	24	3-Minor Problems		good base. unbalanced main canopy stem west. low hanging canopy branches. fair vigor.
4340			*Eucalyptus globulus*	blue gum eucalyptus	25		54	9	1-Extreme Structure or Health Problems		main trunk failed at 15'. only sprouts remain.
4341			*Eucalyptus globulus*	blue gum eucalyptus	28		54	34	3-Minor Problems		good base, structure and vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4342			*Eucalyptus globulus*	blue gum eucalyptus	24		54	27	3-Minor Problems		good base, structure and vigor.
4343			*Eucalyptus globulus*	blue gum eucalyptus	46	29, 17	54	31	3-Minor Problems		fair base, structure and vigor. codominant at 4'.
4344			*Eucalyptus globulus*	blue gum eucalyptus	15		54	30	1-Extreme Structure or Health Problems		fair base. 30% dead bark on trunk west at 4'. dead 7" stem at 7'. severely unbalanced main stem south. low vigor.
4345			*Eucalyptus globulus*	blue gum eucalyptus	13		54	15	1-Extreme Structure or Health Problems		50% dead bark on base and trunk. high canopy. low vigor.
4346			*Eucalyptus globulus*	blue gum eucalyptus	14		54	26	2-Major Structure or health problems		60% dead bark on lower trunk. codominant at 10'. low vigor.
4347			*Eucalyptus globulus*	blue gum eucalyptus	19		54	23	3-Minor Problems		fair base, structure and vigor. unbalanced bend in main stem at 25'.
4348			*Eucalyptus globulus*	blue gum eucalyptus	23		54	35	3-Minor Problems		fair base, structure and vigor. main stem leans moderately south.
4348			*Eucalyptus globulus*	blue gum eucalyptus	23		54	35	3-Minor Problems		fair base, structure and vigor. main stem leans moderately south.
4349			*Eucalyptus globulus*	blue gum eucalyptus	20		54	23	2-Major Structure or health problems		50% dead bark around base. low crown density, sparse foliage. high canopy. low vigor.
4350			*Eucalyptus globulus*	blue gum eucalyptus	10		54	15	2-Major Structure or health problems		25% dead bark on trunk. high amount of dead branches. sparse foliage. low vigor.
4351	Yes		*Quercus wislizenii*	interior live oak	57	20, 20, 17	54	15	1-Extreme Structure or Health Problems		large cavities around base. severe bark decay throughout. 90% dead. tree in decline.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4352	Yes		*Quercus lobata*	valley oak	32		54	34	3-Minor Problems		rocks around base, grows on drainage slope. good structure and vigor.
4353	Yes	Yes	*Quercus wislizenii*	interior live oak	13		40	11	3-Minor Problems		base and trunk touching fence, west of fence. low branches all directions. fair structure and vigor. branches overlap property line by 10'.
4354			*Eucalyptus globulus*	blue gum eucalyptus	15		54	15	1-Extreme Structure or Health Problems		80% dead bark on base and trunk. fair canopy structure. low vigor.
4355	Yes	Yes	*Quercus lobata*	valley oak	26	9, 7, 5, 5	54	18	2-Major Structure or health problems		1' south of property line. crowded multi-stem union at 1'. pruned north canopy for powerlines. fair/poor structure and vigor.
4356			*Eucalyptus globulus*	blue gum eucalyptus	15		54	13	1-Extreme Structure or Health Problems		80% dead bark on base and trunk. fair canopy structure. low vigor.
4357			*Salix lasiandra*	pacific willow	9		54	16	3-Minor Problems		fair base, structure and vigor.
4358			*Salix lasiandra*	pacific willow	15		54	17	3-Minor Problems		fair base, structure and vigor.
4359	Yes	Yes	*Quercus wislizenii*	interior live oak	27		12	30	3-Minor Problems		tag on fence. dbh approximate. good base. codominant at 4'. good structure and vigor. canopy overlaps property line north by 13'.
4360	Yes		*Quercus lobata*	valley oak	19		54		3-Minor Problems		good base. north canopy pruned for powerline clearance. canopy leans south. fair structure and vigor.
4361			*Eucalyptus globulus*	blue gum eucalyptus	24		54	27	1-Extreme Structure or Health Problems		70% dead bark on base and lower trunk. heavy lean south. low vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4362			*Eucalyptus globulus*	blue gum eucalyptus	22		54	30	3-Minor Problems		fair base, structure and vigor. long overextended lateral branch south at 25'. fair vigor.
4363			*Eucalyptus globulus*	blue gum eucalyptus	26		54	29	2-Major Structure or health problems		fair base. 15% dead bark on lower trunk east. unbalanced main canopy stems. fair vigor.
4364			*Eucalyptus globulus*	blue gum eucalyptus	25		54	20	2-Major Structure or health problems		fair base and structure. sparse foliage in canopy. fair/low vigor.
4365			*Eucalyptus globulus*	blue gum eucalyptus	32		54	11	1-Extreme Structure or Health Problems		60% dead bark on base and lower trunk. large stem failer at 18'. main canopy stem dead, 90% of tree is dead. low vigor.
4366			*Eucalyptus globulus*	blue gum eucalyptus	17		54	23	1-Extreme Structure or Health Problems		70% dead bark on base and trunk. dead north codominant canopy stem. overextended south stem. tree 80% dead. uncorrectable structural defects.
4367			*Eucalyptus globulus*	blue gum eucalyptus	26		54	25	1-Extreme Structure or Health Problems		20% dead bark on base. dead famaged, abnormally shaped bark on trunk. unbalanced canopy stems. low vigor.
4368			*Eucalyptus globulus*	blue gum eucalyptus	53	28, 25	60	28	2-Major Structure or health problems		large zones of dead bark around base and trunk. codominant at 5'. unbalanced canopy stems. low crown density. high amount of dead branches. low vigor.
4369			*Eucalyptus globulus*	blue gum eucalyptus	27		54	26	1-Extreme Structure or Health Problems		70% dead bark around base and trunk. multi-stem at 12'. sparse foliage throughout. high amount of dead branches. low vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4370			*Eucalyptus globulus*	blue gum eucalyptus	25		54	30	2-Major Structure or health problems		fair base. sparse wilting foliage throughout. low vigor.
4371	Yes		*Quercus wislizenii*	interior live oak	18		36	23	2-Major Structure or health problems		Fair/poor base, girdling roots north. one-sided south, heavy lean. fair foliage health. poor canopy structure, unbalanced and bowing south.
4372			*Acer saccharinum*	silver maple	18		54	25	3-Minor Problems		fair base. fair overall structure, multi-stem at 10'. fair vigor.
4373			*Platanus x hispanica*	London planetree	16		54	21	3-Minor Problems		fair base, structure and vigor. metal fence in lower east trunk.
4374			*Platanus x hispanica*	London planetree	20.5		54	28	3-Minor Problems		fair base. codominant at 9'. signs of possible branch blight disease on canopy branches. overall fair structure and vigor.
4375			*Platanus x hispanica*	London planetree	15		54	19	3-Minor Problems		fair base. codominant at 16'. fair structure and vigor.
4376			*Calocedrus decurrens*	incense cedar	13		54	11	3-Minor Problems		fair base. fair/poor structure, wilting bowing lateral branches throughout.
4377			*Eucalyptus globulus*	blue gum eucalyptus	26		24	20	3-Minor Problems		good base, structure and vigor.
4378	Yes		*Quercus wislizenii*	interior live oak	12.5		54	16	2-Major Structure or health problems		fair base and trunk, minor points of damage on bark. codominant union has cavity north at 7'. unbalanced canopy.
4379			*Acer saccharinum*	silver maple	40.5		54	38	3-Minor Problems		good base. large upper trunk flare into multi stem union at 9'. fair canopy balance. good vigor.
4380			*Eucalyptus globulus*	blue gum eucalyptus	15		54	28	3-Minor Problems		fair base. codominant at 11'. leans slightly south. fair vigor.
4381			*Eucalyptus globulus*	blue gum eucalyptus	15		54	28	2-Major Structure or health problems		fair base. unbalanced large canopy stems. low crown density. fair/low vigor.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4382			*Eucalyptus globulus*	blue gum eucalyptus	15		54	28	2-Major Structure or health problems		decay and girdling roots around base. suppressed unbalanced understory structure.
4383			*Eucalyptus globulus*	blue gum eucalyptus	28		54	31	2-Major Structure or health problems		large vertical zones of dead bark around base and lower trunk. codominant at 10'. fair/low vigor.
4384			*Eucalyptus globulus*	blue gum eucalyptus	22		54	30	3-Minor Problems		fair base. main upper stem leans moderately south.
4385			*Eucalyptus globulus*	blue gum eucalyptus	15		54	15	2-Major Structure or health problems		extensive elevated root decay. hollow base with 1" by 2' long cavity. fair canopy structure.
4386			*Eucalyptus globulus*	blue gum eucalyptus	23		54	25	3-Minor Problems		fair base, structure and vigor.
4387			*Eucalyptus globulus*	blue gum eucalyptus	23		54	25	3-Minor Problems		fair base, structure and vigor. failure wound at 40' in southernmost main stem.
4388			*Eucalyptus globulus*	blue gum eucalyptus	21		54	18	1-Extreme Structure or Health Problems		fair base. large main stem failer at 30', leaving large 16' scar. poor structure. low vigor.
4389			*Eucalyptus globulus*	blue gum eucalyptus	16		54	15	2-Major Structure or health problems		fair base. moderate trunk damage west at 4'. crossing codominant stems at 15'. poor structure.
4390			*Eucalyptus globulus*	blue gum eucalyptus	11		54	15	2-Major Structure or health problems		fair base. poor structure, suppressed. high amount of dead branches and foliage damage. low vigor.
4391			*Eucalyptus globulus*	blue gum eucalyptus	26		54	28	3-Minor Problems		fair base, structure and vigor. canopy leans east.

Tag #	Protected By Code	Off Site	Species Botanical Name	Species Common Name	DBH (in.)	DBH Multi Stem (in.)	Measured At (in.)	Canopy Radius (ft.)	Arborist Rating	Dvlpmnt Status	Notes
4392			*Eucalyptus globulus*	blue gum eucalyptus	15		54	13	1-Extreme Structure or Health Problems		severe trunk and branch decay throughout. high amount of dead branches. low vigor.
4393			*Eucalyptus globulus*	blue gum eucalyptus	24		54	31	3-Minor Problems		fair base, structure and vigor.
4394			*Eucalyptus globulus*	blue gum eucalyptus	20		54	27	2-Major Structure or health problems		fair base. trunk leans heavy east. high amount of dead branches. sparse foliage.
4395			*Eucalyptus globulus*	blue gum eucalyptus	30		54	29	3-Minor Problems		fair base, structure and vigor. leans moderately east.
4396			*Eucalyptus globulus*	blue gum eucalyptus	42	25, 17	54	28	3-Minor Problems		fair base, structure and vigor. codominant at 5'. north stem has had 2 branch failures, retains fair structure.
4397			*Eucalyptus globulus*	blue gum eucalyptus	24		54	30	2-Major Structure or health problems		fair base. heavy lean southeast, poor structure.
4398			*Eucalyptus globulus*	blue gum eucalyptus	26		54	32	2-Major Structure or health problems		fair base and lower trunk. heavy unbalanced main stem leans east, possible weak attachment at 25' east from failer scar.
4399	Yes		*Quercus douglasii*	blue oak	37		54	41	3-Minor Problems		good base and flare. good structure and canopy balance. has possible baek disease, sap suckee damage throughout. fair vigor.
4400		Yes	*Populus fremontii*	fremont cottonwood	83		54	52	3-Minor Problems		fair base, large burl west. multi-stem at 8'. moderate amount of branch breaks out of canopy. retains fair structure. good vigor.
9806	Yes		*Quercus lobata*	valley oak	20		24	25	3-Minor Problems		good base. codominant at 4'. Good structure and vigor.

APPENDIX 3 – GENERAL PRACTICES FOR TREE PROTECTION

Definitions

Root zone: The roots of trees grow fairly close to the surface of the soil, and spread out in a radial direction from the trunk of tree. A general rule of thumb is that they spread 2 to 3 times the radius of the canopy, or 1 to 1 ½ times the height of the tree. It is generally accepted that disturbance to root zones should be kept as far as possible from the trunk of a tree.

Inner Bark: The bark on large valley oaks and coast live oaks is quite thick, usually 1" to 2". If the bark is knocked off a tree, the inner bark, or cambial region, is exposed or removed. The cambial zone is the area of tissue responsible for adding new layers to the tree each year, so by removing it, the tree can only grow new tissue from the edges of the wound. In addition, the wood of the tree is exposed to decay fungi, so the trunk present at the time of the injury becomes susceptible to decay. Tree protection measures require that no activities occur which can knock the bark off the trees.

Methods Used in Tree Protection:

No matter how detailed Tree Protection Measures are in the initial Arborist Report, they will not accomplish their stated purpose unless they are applied to individual trees and a Project Arborist is hired to oversee the construction. The Project Arborist should have the ability to enforce the Protection Measures. The Project Arborist should be hired as soon as possible to assist in design and to become familiar with the project. He must be able to read and understand the project drawings and interpret the specifications. He should also have the ability to cooperate with the contractor, incorporating the contractor's ideas on how to accomplish the protection measures, wherever possible. It is advisable for the Project Arborist to be present at the Pre-Bid tour of the site, to answer questions the contractors may have about Tree Protection Measures. This also lets the contractors know how important tree preservation is to the developer.

Root Protection Zone (RPZ): Since in most construction projects it is not possible to protect the entire root zone of a tree, a Root Protection Zone is established for each tree to be preserved. The minimum Root Protection Zone is the area underneath the tree's canopy (out to the dripline, or edge of the canopy), plus 10'. The Project Arborist must approve work within the RPZ.

Irrigate, Fertilize, Mulch: Prior to grading on the site near any tree, the area within the Tree Protection fence should be fertilized with 4 pounds of nitrogen per 1000 square feet, and the fertilizer irrigated in. The irrigation should percolate at least 24 inches into the soil. This should be done no less than 2 weeks prior to grading or other root disturbing activities. After irrigating, cover the RPZ with at least 12" of leaf and twig mulch. Such mulch can be obtained from chipping or grinding the limbs of any trees removed on the site. Acceptable mulches can be obtained from nurseries or other commercial sources. Fibrous or shredded redwood or cedar bark mulch shall not be used anywhere on site.

Fence: Fence around the Root Protection Zone and restrict activity therein to prevent soil compaction by vehicles, foot traffic or material storage. The fenced area shall be off limits to all construction equipment, unless there is express written notification provided by the Project Arborist, and impacts are discussed and mitigated prior to work commencing.

No storage or cleaning of equipment or materials, or parking of any equipment can take place within the fenced off area, known as the RPZ.

The fence should be highly visible, and stout enough to keep vehicles and other equipment out. I recommend the fence be made of orange plastic protective fencing, kept in place by t-posts set no farther apart than 6'.

In areas of intense impact, a 6' chain link fence is preferred.

In areas with many trees, the RPZ can be fenced as one unit, rather than separately for each tree.

Where tree trunks are within 3' of the construction area, place 2" by 4" boards vertically against the tree trunks, even if fenced off. Hold the boards in place with wire. Do not nail them directly to the tree. The purpose of the boards is to protect the trunk, should any equipment stray into the RPZ.

Elevate Foliage: Where indicated, remove lower foliage from a tree to prevent limb breakage by equipment. Low foliage can usually be removed without harming the tree, unless more than 25% of the foliage is removed. Branches need to be removed at the anatomically correct location in order to prevent decay organisms from entering the trunk. For this reason, a contractor who is an ISA Certified Arborist should perform all pruning on protected trees.[2]

Expose and Cut Roots: Breaking roots with a backhoe, or crushing them with a grader, causes significant injury, which may subject the roots to decay. Ripping roots may cause them to splinter toward the base of the tree, creating much more injury than a clean cut would make. At any location where the root zone of a tree will be impacted by a trench or a cut (including a cut required for a fill and compaction), the roots shall be exposed with either a backhoe digging radially to the trunk, by hand digging, or by a hydraulic air spade, and then cut cleanly with a sharp instrument, such as chainsaw with a carbide chain. Once the roots are severed, the area behind the cut should be moistened and mulched. A root protection fence should also be erected to protect the remaining roots, if it is not already in place. Further grading or backhoe work required outside the established RPZ can then continue without further protection measures.

Protect Roots in Deeper Trenches: The location of utilities on the site can be very detrimental to trees. Design the project to use as few trenches as possible, and to keep them away from the major trees to be protected. Wherever possible, in areas where trenches will be very deep, consider boring under the roots of the trees, rather than digging the trench through the roots. This technique can be quite useful for utility trenches and pipelines.

Protect Roots in Small Trenches: After all construction is complete on a site, it is not unusual for the landscape contractor to come in and sever a large number of "preserved" roots during the installation of irrigation systems. The Project Arborist must therefore approve the landscape and irrigation plans. The irrigation system needs to be designed so the main lines are located outside the root zone of major trees, and the secondary lines are either laid on the surface (drip systems), or carefully dug with a hydraulic or air spade, and the flexible pipe fed underneath the major roots.

Design the irrigation system so it can slowly apply water (no more than ¼" to ½" of water per hour) over a longer period of time. This allows deep soaking of root zones. The system also needs to accommodate infrequent irrigation settings of once or twice a month, rather than several times a week.

Monitoring Tree Health During and After Construction: The Project Arborist should visit the site at least twice a month during construction to be certain the tree protection measures are being followed, to monitor the health of impacted trees, and make recommendations as to irrigation or other needs. After construction is complete, the arborist should monitor the site monthly for one year and make recommendations for care where needed.

Chemical Treatments: The owner or developer shall be responsible to contact an arborist with a pesticide applicators license to arrange for an application of a root enhancing hormone, such as Paclobutrazol, to mitigate the stress produced by the development **prior to grading**. Additionally, at the discretion of the project arborist, an insect infestation preventative for both boring insects and leaf feeding insects and/or fungal preventative for leaf surfaces may be required. Roots pruned during the course of performing a cut may be required to be treated with a biofungicide such as Bio-Tam.

[2] International Society of Arboriculture (ISA), maintains a program of Certifying individuals. Each Certified Arborist has a number and must maintain continuing education credits to remain Certified.


looking east


south perimeter
looking east


southwest corner
looking north

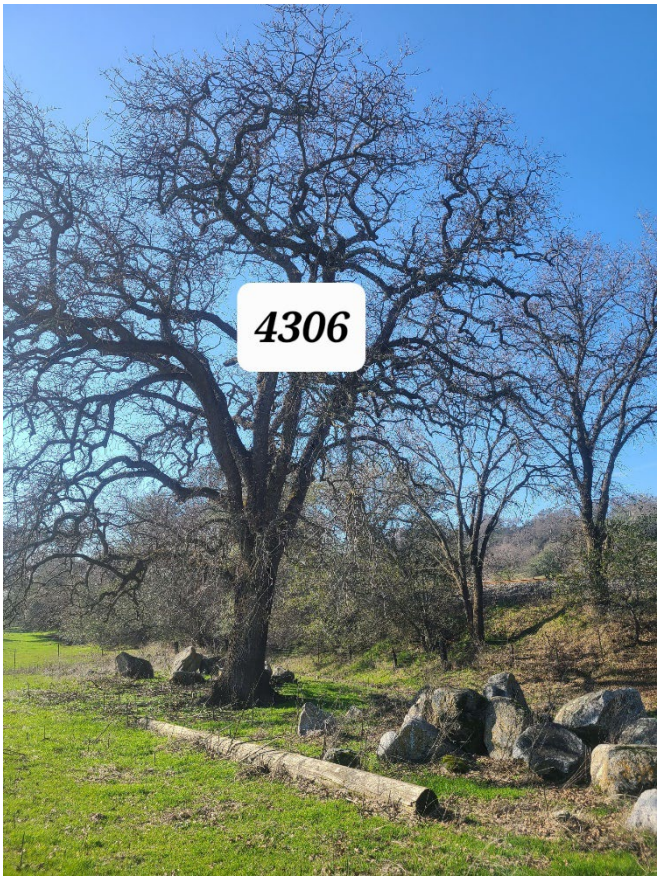

4334
middle of lot
looking at west
perimeter


west middle
perimeter


4373
4372
4371


4301


4302


4306


4338


4379


4400


4399


4395
row 4395 - 4382

California Tree and Landscape Consulting, Inc.

December 28, 2018

Evan Mackenzie
BEM, Inc.
4780 Rocklin Road
Rocklin, CA 95677
Via Email: evanm@bem.com

PRELIMINARY ARBORIST REPORT & TREE INVENTORY

RE: APN #030-100-013; 030-100-021; 030-100-024; 030-110-010; 030-110-011; 030-110-013, Town of Loomis jurisdiction, California

Executive Summary:
Evan Mackenzie of BEM, Inc., on behalf of the property owner, contacted California Tree and Landscape Consulting, Inc. to inventory and evaluate the protected trees on the site or within 50' of development for purposes of evaluating the impacts to the trees from the proposed development plan [To be Provided], by BEM, Inc. for the project. In addition, we are to provide a Tree Preservation Plan for protection of the trees to remain during the development process. The property is located at XXX Sierra College Drive, in the Town of Loomis, California. See Supporting Information Appendix 1 –Tree Location Map.

Gordon Mann, ISA Certified Arborist #WE-0151AM, Nicole Harrison, ISA Certified Arborist #WE-6500AM, and Bryan Hill, Nicholas McNamara, arborists assistants, were on site from November 13 through December 17, 2018, to provide species identification, measurements of diameter, field condition notes and arborist ratings. A total of 1120 trees were evaluated which are protected species according to the Town of Loomis Tree Preservation ordinance, and an additional 18 trees which had old tags were measured and found to be too small for protection.

Tree Species	Trees Inventoried	Trees appropriate for preservation (Arborist Rating 3-5)	Total Diameter Inches (Arborist Rating 3-5)	Trees proposed for Removal	Trees impacted by the proposed development (and proposed for retention on site)
Oracle Oak, *Quercus x morehous*	1	1	7	TBD	TBD
Blue Oak, *Quercus douglasii*	47	32	463	TBD	TBD
Interior Live Oak, *Quercus* wislizenii	539	112	1924	TBD	TBD
Valley Oak, *Quercus lobata*	533	334	4611	TBD	TBD
	1120	479	7,005		

See Appendices for specific information on each tree and preservation requirements and/or restrictions
NOTE: This preliminary report does not contain complete and final data.

METHODS

Appendix 2 in this report is the detailed inventory of the trees. The following terms will further explain our methods and findings.

The protected trees evaluated as part of this report have a numbered tag that was placed on each one that is 1-1/8" x 1-3/8", green anodized aluminum, "acorn" shaped, and labeled: ABACUS, Auburn, CA with 1/4" pre-stamped tree number and Tree Tag. They are attached with a natural colored aluminum 10d nail, installed at approximately 6 feet above ground level on the approximate north side of the tree. The tag should last ~10 – 20+ years depending on the species, before it is enveloped by the trees' normal growth cycle.

A Level 2 – Basic Visual Assessment was performed in accordance with the International Society of Arboriculture's best management practices. This assessment level is limited to the observation of conditions and defects which are readily visible. Additional limiting factors, such as blackberries, poison oak, and/or debris piled at the base of a tree can inhibit the visual assessment.

Tree Location: The GPS location of each tree was collected using the ESRI's ArcGIS collector application on an Apple iPhone or Samsung. The data was then processed in ESRI's ArcMap by Julie McNamara, M.S. GISci, to produce the tree location map.

Tree Measurements: DBH (diameter breast high) is normally measured at 4'6" (above the average ground height for "Urban Forestry"), but if that varies then the location where it is measured is noted. A steel diameter tape, Biltmore stick or Swedish caliper was used to measure the DBH for all trees unless otherwise noted. Distances (for canopy measurements) were estimated and/or pacing was used to estimate canopy measurements.

Terms

Field Tag #	The pre-stamped tree number on the tag which is installed at approximately 6 feet above ground level on the north side of the tree.
Old Tag #	If additional field tags are found on the trees and are legible, they are listed here.
Species	The species of a tree is listed by our local and correct common name and botanical name by genus (capitalized) and species (lower case). Oaks frequently cross-pollinate and hybridize, but the identification is towards the strongest characteristics.
DBH	Diameter breast high' is normally measured at 4'6" (above the average ground height for "Urban Forestry"), but if that varies then the location where it is measured is noted in the next column "measured at"
Measured at	Height above average ground level where the measurement of DBH was taken
Canopy radius	The farthest extent of the crown composed of leaves and small twigs. Most trees are not evenly balanced. This measurement represents the longest extension from the trunk to the outer canopy. The dripline measurement is from the center point of the tree and is shown on the Tree Location Map as a circle. This measurement can further define a protection zone if specified in the local ordinance as such or can indicate if pruning may be required for development.

Protected Root Zone	The radius of the protected root zone is a circle equal to the trunk diameter inches converted to feet according to the Town of Loomis requirements. The arborist may recommend a different PRZ which is factored by tree age, condition and health pursuant to the industry standard. Best Management Practices: Managing Trees During Construction, the companion publication to the Approved American National Standard, provides guidance regarding minimum tree root protection zones for long term survival. In instances where a tree is multi-stemmed the protected root zone is equal to the extrapolated diameter (sum of the area of each stem converted to a single stem) factored by tree age, condition and health.
Arborist Rating	Subjective to condition and is based on both the health and structure of the tree. All of the trees were rated for condition, per the recognized national standard as set up by the Council of Tree and Landscape Appraisers and the International Society of Arboriculture (ISA) on a numeric scale of 5 (being the highest) to 0 (the worst condition, dead) as in Chart A. The rating was done in the field at the time of the measuring and inspection.

No problem(s)	Excellent	**5**	No problems found from a visual ground inspection. Structurally, these trees have properly spaced branches and near perfect
No apparent problem(s)	Good	**4**	The tree is in good condition and there are no apparent problems that a Certified Arborist can see from a visual ground inspection. If potential structural or health problems are tended to at this stage future hazard can be reduced and more serious health problems can be averted.
Minor problem(s)	Fair	**3**	The tree is in fair condition. There are some minor structural or health problems that pose no immediate danger. When the recommended actions in an arborist report are completed correctly the defect(s) can be minimized or eliminated and/or health can be improved.
Major or uncorrectable problems (2)	Poor	**2**	The tree has major problems. If the option is taken to preserve the tree, additional evaluation to identify if health or structure can be improved with correct arboricultural work including, but not limited to: pruning, cabling, bracing, bolting, guying, spraying, mistletoe removal, vertical mulching, fertilization, etc. Additionally, risk should be evaluated as a tree rated 2 may have structural conditions which indicate there is a high likelihood of some type of failure. Tree rated 2 should be removed if these additional evaluations will not be performed.
Extreme problem(s)	Hazardous	**1**	The problems are extreme. This rating is assigned to a tree that has structural and/or health problems that no amount of work or effort can change. The issues may or may not be considered a dangerous situation.
Dead	Dead	**0**	This indicates the tree has no significant sign of life.

Notes:	Provide notable details about each tree which are factors considered in the determination of the tree rating including: (a) condition of root crown and/or roots; (b) condition of trunk; (c) condition of limbs and structure; (d) growth history and twig condition; (e) leaf appearance; and (f) dripline environment. Notes also indicate if the standard tree evaluation procedure was not followed (for example - why dbh may have been measured at a location other than the standard 54"). Additionally, notes will list any evaluation limiting factors such as debris at the base of a tree.
Actions	Recommended actions to increase health and longevity.

Development Impacts

Projected development impacts are based solely on distance relationships between tree location and grading. Field inspections and findings during the project at the time of grading and trenching can change relative impacts. Closely followed guidelines and requirements can result in a higher chance of survival, while requirements that are overlooked can result in a dramatically lower chance of survival. Impacts are measured as follows:

Impact Term:	Long Term Result of Impact:
Negligible	Tree is unlikely to show any symptoms. Chance of survival post development is excellent. Impacts to the Protected Root Zone are less than 5%.
Minor	Tree is likely to show minor symptoms. Chance of survival post development is good. Impacts to the Protected Root Zone are less than 15% and species tolerance is good.
Moderate	Tree is likely to show moderate symptoms. Chance of survival post development is fair. Impacts to the Protected Root Zone are less than 35% and species tolerance is good or moderate.
Severe	Tree is likely to show moderate symptoms annually and a pattern of decline. Chance of long term survival post development is low. Impacts to the Protected Root Zone are up to 50% and species tolerance is moderate to poor.
Critical	Tree is likely to show moderate to severe symptoms annually and a pattern of decline. Chance of long term survival post development is negligible. Impacts to the Protected Root Zone are up to 80%.

DISCUSSION

Trees need to be protected from normal construction practices if they are to remain on the site and are expected to survive long term. While construction damage in the root zone is often the death of a tree, the time from when the damage occurs to when the symptoms begin and/or the tree dies can be years. Our recommendations are based on experience and the local ordinance requirements to enhance tree longevity. It requires the calculated root zone must remain intact as an underground ecosystem despite the use of heavy equipment to install foundations, driveways, underground utilities, and landscape irrigation systems. Simply walking and driving on soil can have serious consequences to tree health. The Tree Preservation Requirements and General Development Guidelines should be incorporated into the site plans and enforced onsite. The project arborist should be included in the development team during construction to provide expertise and make additional recommendations if additional impacts occur or tree response is poor.

Root Structure

The majority of a tree's roots are contained in a radius from the main trunk outward approximately two to three times the canopy of the tree. These roots are located in the top 6" to 3' of soil. It is a common misconception that a tree underground resembles the canopy. The correct root structure of a tree is in the drawing below. All plants' roots need both water and air for survival. Poor canopy development or canopy decline in mature trees after development is often the result of inadequate root space and/or soil compaction.

The reality of where roots are generally located

Pruning Mature Trees for Risk Reduction and/or Development Clearance

There are few good reasons to prune mature trees. Removal of deadwood, directional pruning, removal of decayed or damaged wood, and end-weight reduction as a method of mitigation for structural faults are the only reasons a mature tree should be pruned. Live wood over 3" should not be pruned unless absolutely necessary. Pruning cuts should be clean and correctly placed. Pruning should be done in accordance with the American National Standards Institute (ANSI) A300 standards.

Pruning causes an open wound in the tree. Trees do not "heal" they compartmentalize. It is far better to use more small cuts than a few large cuts as small pruning wounds reduce risk while large wounds increase risk. Any wound made today will always remain, but a healthy tree, in the absence of decay in the wound, will 'cover it' with callus tissue. Large, old pruning wounds which did not close with callous tissue often have advanced decay. These wounds are a likely failure point. Mature trees with large wounds have a high risk of failure.

Overweight limbs are a common structural fault in suppressed trees. There are two remedial actions for over- weight limbs (1) prune the limb to reduce the extension of the canopy, or (2) cable the limb to reduce movement. Cables do not hold weight they only stabilize the limb and additionally require annual inspection.

Arborist Classifications

There are different types of Arborists:

Tree Removal and/or Pruning Companies: These companies may be licensed by the State of California to do business as a tree removal company, but they do not necessarily know anything about trees biology.

Arborists: Arborist is a broad term intended to mean someone with specialized knowledge of trees, but it is often used to imply knowledge that is not there.

ISA Certified Arborist: An International Society of Arboriculture Certified Arborist is someone who has trained, met the qualifications for application, and been tested to have specialized knowledge of trees. You can look up certified arborists at the International Society of Arboriculture website: isa-arbor.org.

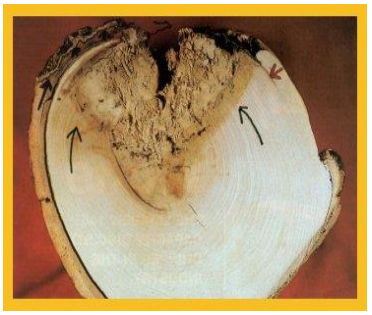
Consulting Arborist: An American Society of Consulting Arborists Registered Consulting Arborist is someone who has been trained and then tested to have specialized knowledge of trees; and trained and tested to provide high quality reports and documentation. You can look up registered consulting arborists at the American Society of Consulting Arborists website: ASCA-consultants.org.

Decay in Trees

Decay (in General): Fungi cause all decay of living trees. Decay is considered a disease because cell walls are altered, wood strength is affected, and living sapwood cells may be killed. Fungi decay wood by secreting enzymes. Different

types of fungi cause different types of decay through the secretion of different chemical enzymes. Some decays, such as white rot, cause less wood strength loss than others because they first attack the lignin (causes cell walls to thicken and reduces susceptibility to decay and pest damage) secondarily the cellulose (another structural component in a cell walls). Others, such as soft rot, attack the cellulose chain and cause substantial losses in wood strength even in the initial stages of decay. Brown rot causes wood to become brittle and fractures easily with tension. Identification of internal decay in a tree is difficult because visible evidence may not be present.

According to Evaluation of Hazard Trees in Urban Areas (Matheny, 1994) decay is a critical factor in the stability of the tree. As decay progresses in the trunk, the stem becomes a hollow tube or cylinder rather than a solid rod. This change is not readily apparent to the casual observer. Trees require only a small amount of bark and wood to transport water, minerals and sugars. Interior heartwood can be eliminated (or degraded) to a great degree without compromising the transport process. Therefore, trees can contain significant amounts of decay without showing decline symptoms in the crown. Compartmentalization of decay in trees is a biological process in which the cellular tissue around wounds is changed to inhibit fungal growth and provide a barrier against the spread of decay agents into additional cells. The weakest of the barrier zones is the formation of the vertical wall. Accordingly, while a tree may be able to limit decay progression inward at large pruning cuts, in the event that there are more than one pruning cut located vertically along the main trunk of the tree, the likelihood of decay progression and the associated structural loss of integrity of the internal wood is high.



Oak Tree Impacts

Our native oak trees are easily damaged or killed by having the soil within the Protected Root Zone (PRZ) disturbed or compacted. All of the work initially performed around protected trees that will be saved should be done by people rather than by wheeled or track type tractors. Oaks are fragile giants that can take little change in soil grade, compaction, or warm season watering. Don't be fooled into believing that warm season watering has no adverse effects on native oaks. Decline and eventual death can take as long as 5-20 years with poor care and inappropriate watering. Oaks can live hundreds of years if treated properly during construction, as well as later with proper pruning, and the appropriate landscape/irrigation design.

RECOMMENTATIONS: SUMMARY OF TREE PROTECTION MEASURES

The Owner and/or Developer should ensure the project arborist's protection measures are incorporated into the site plans and followed. Tree specific protection measures can be found in Appendix 2 – Tree Information Data.

- Identify the Root Protection Zones on the final construction drawings and show the placement of tree protection fencing pursuant to the Town requirements and Exhibit C. Trees shown for retention with impacts from the development should be located by a licensed surveyor and the protection zone should be approved by the project arborist.
- The project arborist should inspect the fencing prior to grading and/or grubbing for compliance with the recommended protection zones.

- Identify the areas to be irrigated, fertilized and mulched on the final construction drawings and tree with recommended chemical treatments pursuant to the project arborist's recommendations.
- The project arborist should directly supervise the irrigation, fertilization, placement of mulch and chemical treatments.
- All stumps within the root zone of trees to be preserved shall be ground out using a stump router or left in place. **No trunk within the root zone of other trees shall be removed using a backhoe or other piece of grading equipment**.
- Prior to any grading, or other work on the site that will come within 50' of any tree to be preserved, irrigation will be required from April through September and placement of a 4-6" layer of chip mulch over the protected root zone of all trees that will be impacted. Chips should be obtained from onsite materials and trees to be removed.
- Clearance pruning should include removal of all the lower foliage that may interfere with equipment PRIOR to having grading or other equipment on site. The Project Arborist should approve the extent of foliage elevation and oversee the pruning to be performed by a contractor who is an ISA Certified Arborist.
- Clearly designate an area on the site outside the drip line of all trees where construction materials may be stored, and parking can take place. No materials or parking shall take place within the root zones of protected trees.
- Any and all work to be performed inside the protected root zone fencing shall be supervised by the project arborist.
- Trenching inside the protected root zone shall be by a hydraulic or air spade, placing pipes underneath the roots, or boring deeper trenches underneath the roots.
- Include on the plans an Arborist inspection schedule to monitor the site during (and after) construction to ensure protection measures are followed and make recommendations for care of the trees on site, as needed.
- Follow all of the General Development Guidelines, Appendix 3, for all trees not identified as requiring special preservation measures in the summary and in Appendix 5 (Not included in this preliminary report).
- Follow all the Tree Preservation Requirements, Appendix 5 (Not included in this preliminary report), for all trees identified as requiring special preservation measures due to predicted impacts in the protected root zone.

Report Prepared by:

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Member: American Society of Consulting Arborists

Appendix 1 – Tree Location Map
Appendix 2 – Tree Data
Appendix 3 – General Development Guidelines
Appendix 4 – Site Photographs

Bibliography

International Society of Arboriculture. (2015). *Glossary of Arboricultural Terms.* Champaign: International Society of Arboriculture.

L.R., C. (2003). *Reducing Infrastructure Damage by Tree Roots.* Porterville: International Society of Arboriculture.

Matheny, J. C. (1994). *Evaluation of Hazard Trees in Urban Areas, Second Edition.* Champaign: International Society of Arboriculture.

Menzer, K. (2008). *Consulting Arborist Report.*

Smiley. (2008). *Managing Trees During Construction, Best Management Practices.* Champaign: International Society of Arboriculture.

Stamen, R. (1997). *California Arboriculture Law.* Riverside: Law Offices of Randall S. Stamen.

Tree Care Industry Association. (2017). *Tree, Shrub, and Other Woody Plant Management - Standard Practices (Pruning).* Londonderry: Tree Care Industry Association.

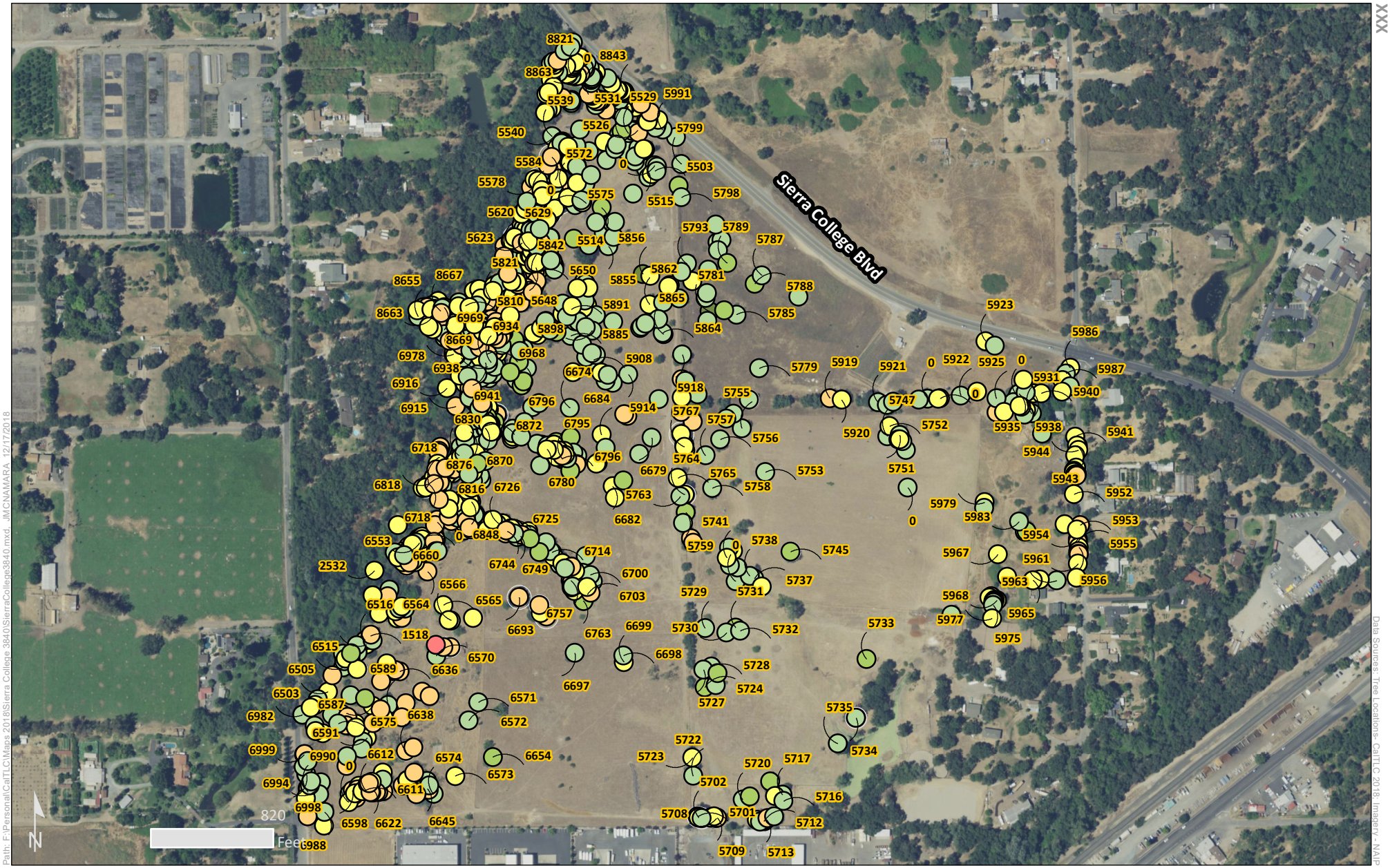
Urban, J. (2008). *Up by the Roots.* Champaign: International Society of Arboriculture.

3840 Sierra College Blvd

Rocklin, Placer County, California.

ARBORIST SURVEY

XXX



Path: F:\Personal\CalTLC\Maps 2018\Sierra College 3840\SierraCollege3840.mxd JMCNAMARA 12/17/2018

Data Sources: Tree Locations- CalTLC 2018; Imagery - NAIP

CalTLC

12/17/2018

>Tree locations are approximate and were collected using ISO apple products.
>Property line information was downloaded from Placer County on 11/13/2018.

Arborist Rating

- 0 Dead
- 1 Extreme Structure or Health Problems
- 2 Major Structure or Health Problems
- 3 Fair - Minor Problems
- 4 Good - No Apparent Problems
- 5 Excellent
- Property Line
- Measured Tree Canopy

APPENDIX 2 – TREE INFORMATION DATA

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5501	1988	Yes		Valley Oak	Quercus lobata	17	48	22	4 Good - No Apparent Problems
5502	1984	Yes		Valley Oak	Quercus lobata	6	Standard Height	8	3 Fair - Minor Problems
5503		Yes		Valley Oak	Quercus lobata	4, 5, 7	Standard Height	10	2 Major Structure or Health Problems
5504	1986	Yes		Valley Oak	Quercus lobata	9	Standard Height	12	3 Fair - Minor Problems
5505	1987	Yes		Valley Oak	Quercus lobata	14	Standard Height	13	4 Good - No Apparent Problems
5506	1983	Yes		Valley Oak	Quercus lobata	6	Standard Height	10	2 Major Structure or Health Problems
5507	1981	Yes		Valley Oak	Quercus lobata	17	Standard Height	0	3 Fair - Minor Problems
5508	1980	Yes		Valley Oak	Quercus lobata	11	Standard Height	14	3 Fair - Minor Problems
5509	1975	Yes		Valley Oak	Quercus lobata	10	Standard Height	15	3 Fair - Minor Problems
5510	1978	Yes		Valley Oak	Quercus lobata	9	Standard Height	8	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5511	1977	Yes		Valley Oak	Quercus lobata	12	Standard Height	18	3 Fair - Minor Problems
5512	1978	Yes		Valley Oak	Quercus lobata	14	48	20	3 Fair - Minor Problems
5513	1979	Yes		Valley Oak	Quercus lobata	16	36	18	3 Fair - Minor Problems
5514	1985	Yes		Valley Oak	Quercus lobata	19	36	20	4 Good - No Apparent Problems
5515	1990	Yes		Valley Oak	Quercus lobata	12	Standard Height	18	3 Fair - Minor Problems
5516	1991	Yes		Valley Oak	Quercus lobata	15	30	17	3 Fair - Minor Problems
5517	1992	Yes		Valley Oak	Quercus lobata	11	Standard Height	18	2 Major Structure or Health Problems
5518		Yes		Valley Oak	Quercus lobata	10	Standard Height	13	3 Fair - Minor Problems
5519	1995	Yes		Valley Oak	Quercus lobata	11	Standard Height	15	3 Fair - Minor Problems
5520	5520	Yes		Valley Oak	Quercus lobata	11	48	16	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5521	1993	Yes		Valley Oak	Quercus lobata	16	Standard Height	20	3 Fair - Minor Problems
5522	1708	Yes		Valley Oak	Quercus lobata	18	Standard Height	17	3 Fair - Minor Problems
5523	1707	Yes		Valley Oak	Quercus lobata	9	Standard Height	12	3 Fair - Minor Problems
5524	1706	Yes		Valley Oak	Quercus lobata	13	48	0	3 Fair - Minor Problems
5525	1998	Yes		Valley Oak	Quercus lobata	7	Standard Height	0	1 Extreme Structure or Health Problems
5526	1997	Yes		Valley Oak	Quercus lobata	9, 8	Standard Height	13	3 Fair - Minor Problems
5527	1999	Yes		Valley Oak	Quercus lobata	9	Standard Height	8	2 Major Structure or Health Problems
5528	1701	Yes		Valley Oak	Quercus lobata	11	Standard Height	15	3 Fair - Minor Problems
5529	1702	Yes		Valley Oak	Quercus lobata	15	Standard Height	18	3 Fair - Minor Problems
5530	1705	Yes		Valley Oak	Quercus lobata	15	Standard Height	18	3 Fair - Minor Problems
5531	1704	Yes		Valley Oak	Quercus lobata	19	Standard Height	20	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5532	1703	Yes		Valley Oak	Quercus lobata	8	Standard Height	0	4 Good - No Apparent Problems
5533	1709	Yes		Interior Live Oak	Quercus wislizenii	23	12	23	3 Fair - Minor Problems
5534	1710	Yes		Interior Live Oak	Quercus wislizenii	13, 13	Standard Height	30	2 Major Structure or Health Problems
5535	1711	Yes		Valley Oak	Quercus lobata	13, 13	Standard Height	23	3 Fair - Minor Problems
5536	1720	Yes		Valley Oak	Quercus lobata	10	Standard Height	24	3 Fair - Minor Problems
5537	1719	Yes		Interior Live Oak	Quercus wislizenii	12, 7	Standard Height	20	3 Fair - Minor Problems
5538	1718	Yes		Valley Oak	Quercus lobata	15	Standard Height	16	3 Fair - Minor Problems
5539	476	Yes		Valley Oak	Quercus lobata	7	Standard Height	10	3 Fair - Minor Problems
5540	474	Yes		Valley Oak	Quercus lobata	9	Standard Height	18	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5541	1721	Yes		Valley Oak	Quercus lobata	9	48	16	2 Major Structure or Health Problems
5542	1715	Yes		Valley Oak	Quercus lobata	8	Standard Height	12	3 Fair - Minor Problems
5543	1716	Yes		Valley Oak	Quercus lobata	7	Standard Height	7	2 Major Structure or Health Problems
5544	1717	Yes		Valley Oak	Quercus lobata	10	Standard Height	10	3 Fair - Minor Problems
5545	1713	Yes		Valley Oak	Quercus lobata	8, 7	Standard Height	12	2 Major Structure or Health Problems
5545	1714	Yes		Valley Oak	Quercus lobata	9, 9	Standard Height	16	3 Fair - Minor Problems
5547	1712	Yes		Valley Oak	Quercus lobata	17	Standard Height	20	3 Fair - Minor Problems
5548	1727	Yes		Valley Oak	Quercus lobata	8	Standard Height	14	3 Fair - Minor Problems
5549	1726	Yes		Valley Oak	Quercus lobata	9	Standard Height	12	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5550	1728	Yes		Valley Oak	Quercus lobata	10	Standard Height	13	3 Fair - Minor Problems
5551	1724	Yes		Valley Oak	Quercus lobata	11	36	16	2 Major Structure or Health Problems
5552	1723	Yes		Interior Live Oak	Quercus wislizenii	17	12	20	3 Fair - Minor Problems
5553	1725	Yes		Interior Live Oak	Quercus wislizenii	13	12	18	3 Fair - Minor Problems
5554	1722	Yes		Interior Live Oak	Quercus wislizenii	9, 10, 15	Standard Height	25	2 Major Structure or Health Problems
5555	475	Yes		Interior Live Oak	Quercus wislizenii		Standard Height	43	1 Extreme Structure or Health Problems
5556	477-483	Yes		Blue Oak	Quercus douglasii	25, 11	Standard Height	33	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5557	1744	Yes		Interior Live Oak	Quercus wislizenii	17, 9	Standard Height	30	1 Extreme Structure or Health Problems
5558	1745	Yes		Interior Live Oak	Quercus wislizenii	8, 7, 4, 6 @ 3'	Standard Height	24	2 Major Structure or Health Problems
5559	1742	Yes		Valley Oak	Quercus lobata	15	Standard Height	25	3 Fair - Minor Problems
5560	1741	Yes		Valley Oak	Quercus lobata	11	Standard Height	10	3 Fair - Minor Problems
5561	1729	Yes		Valley Oak	Quercus lobata	20	24	24	3 Fair - Minor Problems
5562	1732	Yes		Valley Oak	Quercus lobata	12	Standard Height	25	3 Fair - Minor Problems
5563		Yes		Valley Oak	Quercus lobata	8	Standard Height	12	3 Fair - Minor Problems
5564	1730	Yes		Interior Live Oak	Quercus wislizenii	15, 7	Standard Height	27	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5565	1734	Yes		Interior Live Oak	Quercus wislizenii	13	Standard Height	25	2 Major Structure or Health Problems
5566	1733	Yes		Interior Live Oak	Quercus wislizenii	15	36	0	3 Fair - Minor Problems
5567	1735			Interior Live Oak	Quercus wislizenii	13	Standard Height	25	2 Major Structure or Health Problems
5568	1736			Interior Live Oak	Quercus wislizenii	8	Standard Height	15	2 Major Structure or Health Problems
5569	1737			Interior Live Oak	Quercus wislizenii	15@2, 8, 13@3	Standard Height	0	3 Fair - Minor Problems
5570	1738			Interior Live Oak	Quercus wislizenii	19	18	30	3 Fair - Minor Problems
5571	1739			Interior Live Oak	Quercus wislizenii	10	30	20	2 Major Structure or Health Problems
5572	1740			Interior Live Oak	Quercus wislizenii	24	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5573	1746			Interior Live Oak	Quercus wislizenii	26, 18	18	35	2 Major Structure or Health Problems
5574	1747			Interior Live Oak	Quercus wislizenii	17, 18	Standard Height	45	2 Major Structure or Health Problems
5575				Valley Oak	Quercus lobata	27	Standard Height	0	3 Fair - Minor Problems
5576	478			Valley Oak	Quercus lobata	15	Standard Height	0	2 Major Structure or Health Problems
5577				Valley Oak	Quercus lobata	22	Standard Height	45	2 Major Structure or Health Problems
5578	481			Valley Oak	Quercus lobata	12	Standard Height	0	2 Major Structure or Health Problems
5579	480			Valley Oak	Quercus lobata	24	Standard Height	30	1 Extreme Structure or Health Problems
5580	1749			Valley Oak	Quercus lobata	7	Standard Height	0	2 Major Structure or Health Problems
5581				Interior Live Oak	Quercus wislizenii	13, 6	Standard Height	25	2 Major Structure or Health Problems
5582	1751	Yes		Valley Oak	Quercus lobata	8	Standard Height	0	1 Extreme Structure or Health Problems
5583	1752			Valley Oak	Quercus lobata	9	Standard Height	25	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5584	482			Valley Oak	Quercus lobata	12	Standard Height	0	2 Major Structure or Health Problems
5585	483			Valley Oak	Quercus lobata	9	Standard Height	14	2 Major Structure or Health Problems
5586	484			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
5587	485			Interior Live Oak	Quercus wislizenii	8	Standard Height	15	2 Major Structure or Health Problems
5588	486			Valley Oak	Quercus lobata	8	Standard Height	18	2 Major Structure or Health Problems
5589	1759			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
5590	1758			Valley Oak	Quercus lobata	24	Standard Height	35	3 Fair - Minor Problems
5591	1757			Interior Live Oak	Quercus wislizenii	8, 7, 12, 6, 9	Standard Height	20	2 Major Structure or Health Problems
5592	1756			Blue Oak	Quercus douglasii	14	Standard Height	20	3 Fair - Minor Problems
5593	1755			Valley Oak	Quercus lobata	18	Standard Height	30	1 Extreme Structure or Health Problems
5594	1754			Interior Live Oak	Quercus wislizenii	17	Standard Height	0	1 Extreme Structure or Health Problems
5595	1753			Interior Live Oak	Quercus wislizenii	16, 14	Standard Height	35	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5596	1760	No		Interior Live Oak	Quercus wislizenii	6	Standard Height	12	2 Major Structure or Health Problems
5597	494			Valley Oak	Quercus lobata	8	Standard Height	25	2 Major Structure or Health Problems
5598	495			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	3 Fair - Minor Problems
5599	492			Valley Oak	Quercus lobata	14	Standard Height	25	2 Major Structure or Health Problems
5600	491			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	3 Fair - Minor Problems
5601	490			Valley Oak	Quercus lobata	31	Standard Height	0	3 Fair - Minor Problems
5602	489			Valley Oak	Quercus lobata	7	Standard Height	0	2 Major Structure or Health Problems
5603	487			Valley Oak	Quercus lobata	13	Standard Height	20	3 Fair - Minor Problems
5604	488			Valley Oak	Quercus lobata	10	Standard Height	30	1 Extreme Structure or Health Problems
5605	493			Interior Live Oak	Quercus wislizenii	14	Standard Height	30	1 Extreme Structure or Health Problems
5606	496			Valley Oak	Quercus lobata	11	Standard Height	15	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5607	497			Valley Oak	Quercus lobata	14	Standard Height	18	1 Extreme Structure or Health Problems
5608	499			Interior Live Oak	Quercus wislizenii	13	6	20	3 Fair - Minor Problems
5609	500			Interior Live Oak	Quercus wislizenii	16	Standard Height	0	3 Fair - Minor Problems
5610	301			Interior Live Oak	Quercus wislizenii	11	Standard Height	25	2 Major Structure or Health Problems
5611	302			Valley Oak	Quercus lobata	22	Standard Height	30	3 Fair - Minor Problems
5612	304			Valley Oak	Quercus lobata	9	Standard Height	20	2 Major Structure or Health Problems
5613	303			Blue Oak	Quercus douglasii	7	Standard Height	14	3 Fair - Minor Problems
5614	305			Valley Oak	Quercus lobata	14	Standard Height	30	2 Major Structure or Health Problems
5615	309			Interior Live Oak	Quercus wislizenii	14, 6	Standard Height	40	2 Major Structure or Health Problems
5616	306			Valley Oak	Quercus lobata	9	Standard Height	0	2 Major Structure or Health Problems
5617	308			Interior Live Oak	Quercus wislizenii	11	Standard Height	0	1 Extreme Structure or Health Problems
5618	307			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5619	Na			Interior Live Oak	Quercus wislizenii	13	Standard Height	25	1 Extreme Structure or Health Problems
5620				Interior Live Oak	Quercus wislizenii	14	Standard Height	12	1 Extreme Structure or Health Problems
5621	310			Valley Oak	Quercus lobata	9	Standard Height	16	2 Major Structure or Health Problems
5623	312			Interior Live Oak	Quercus wislizenii	7	Standard Height	20	2 Major Structure or Health Problems
5624	311			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
5625	303			Interior Live Oak	Quercus wislizenii	8	Standard Height	25	1 Extreme Structure or Health Problems
5626	335			Valley Oak	Quercus lobata	7	Standard Height	0	1 Extreme Structure or Health Problems
5627	315			Blue Oak	Quercus douglasii	12	Standard Height	20	3 Fair - Minor Problems
5628	498-451			Valley Oak	Quercus lobata	16	Standard Height	0	3 Fair - Minor Problems
5629	316			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	3 Fair - Minor Problems
5630	383			Interior Live Oak	Quercus wislizenii	7, 3	Standard Height	10	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5631	317			Interior Live Oak	Quercus wislizenii	14	6	15	2 Major Structure or Health Problems
5632				Interior Live Oak	Quercus wislizenii	8, 6	Standard Height	20	2 Major Structure or Health Problems
5633	319			Valley Oak	Quercus lobata	8	Standard Height	0	2 Major Structure or Health Problems
5634	320			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	3 Fair - Minor Problems
5635				Interior Live Oak	Quercus wislizenii	16	Standard Height	25	2 Major Structure or Health Problems
5636	321			Interior Live Oak	Quercus wislizenii	6	Standard Height	0	3 Fair - Minor Problems
5637	322			Interior Live Oak	Quercus wislizenii	24	Standard Height	0	1 Extreme Structure or Health Problems
5638	381			Interior Live Oak	Quercus wislizenii	10	Standard Height	12	3 Fair - Minor Problems
5639	380			Interior Live Oak	Quercus wislizenii	10	Standard Height	15	3 Fair - Minor Problems
5640	379			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5641	384	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	11	2 Major Structure or Health Problems
5642	385	Yes		Interior Live Oak	Quercus wislizenii	10, 10	Standard Height	0	1 Extreme Structure or Health Problems
5643	387, 446	Yes		Valley Oak	Quercus lobata	11	Standard Height	16	3 Fair - Minor Problems
5644	389, 444	Yes		Valley Oak	Quercus lobata	16	Standard Height	22	3 Fair - Minor Problems
5645	390	Yes		Valley Oak	Quercus lobata	10	Standard Height	20	2 Major Structure or Health Problems
5646	391	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	16	1 Extreme Structure or Health Problems
5647	392	Yes		Interior Live Oak	Quercus wislizenii	15	Standard Height	19	2 Major Structure or Health Problems
5648	393	Yes		Valley Oak	Quercus lobata	12	Standard Height	18	3 Fair - Minor Problems
5649	395	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	16	1 Extreme Structure or Health Problems
5650	394	Yes		Interior Live Oak	Quercus wislizenii	13	Standard Height	19	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5651	386	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	20	2 Major Structure or Health Problems
5652	1970	Yes		Valley Oak	Quercus lobata	11	Standard Height	17	2 Major Structure or Health Problems
5653	1969	Yes		Valley Oak	Quercus lobata	14	Standard Height	20	3 Fair - Minor Problems
5654	Na	Yes		Valley Oak	Quercus lobata	6	Standard Height	8	3 Fair - Minor Problems
5655	1968, 449	Yes		Valley Oak	Quercus lobata	22	Standard Height	28	3 Fair - Minor Problems
5701	None	Yes		Interior Live Oak	Quercus wislizenii	22, 16, 9	Standard Height	35	2 Major Structure or Health Problems
5702		Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	18	2 Major Structure or Health Problems
5703		Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	30	1 Extreme Structure or Health Problems
5704		Yes		Interior Live Oak	Quercus wislizenii	46	6	36	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5705		Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	10	3 Fair - Minor Problems
5706				Interior Live Oak	Quercus wislizenii	8	Standard Height	8	1 Extreme Structure or Health Problems
5707		Yes		Valley Oak (?)	TBD	11	36	28	2 Major Structure or Health Problems
5708				Interior Live Oak	Quercus wislizenii	20	12	30	2 Major Structure or Health Problems
5709		Yes		Interior Live Oak	Quercus wislizenii	9	24	14	1 Extreme Structure or Health Problems
5710		Yes		Interior Live Oak	Quercus wislizenii	15	6	0	2 Major Structure or Health Problems
5711		Yes		Interior Live Oak	Quercus wislizenii	26	12	28	3 Fair - Minor Problems
5712		Yes		Interior Live Oak	Quercus wislizenii	27	Standard Height	27	3 Fair - Minor Problems
5713		Yes		Interior Live Oak	Quercus wislizenii	16	12	24	3 Fair - Minor Problems
5714				Interior Live Oak	Quercus wislizenii	7	36	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5715		Yes		Interior Live Oak	Quercus wislizenii	10 at 2', 15 @ 2', 17, 14 @ 3'	Standard Height	30	3 Fair - Minor Problems
5716		Yes		Valley Oak	Quercus lobata	25	24	25	3 Fair - Minor Problems
5717		Yes		Interior Live Oak	Quercus wislizenii	19, 10	12	20	3 Fair - Minor Problems
5718		Yes		Interior Live Oak	Quercus wislizenii	41	Standard Height	25	2 Major Structure or Health Problems
5719		Yes		Valley Oak	Quercus lobata	17	Standard Height	20	4 Good - No Apparent Problems
5720		Yes		Valley Oak	Quercus lobata	16	Standard Height	20	3 Fair - Minor Problems
5721		Yes		Valley Oak	Quercus lobata	23	Standard Height	23	4 Good - No Apparent Problems
5722		Yes		Blue Oak	Quercus douglasii	47	16	28	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5723		Yes		Interior Live Oak	Quercus wislizenii	41	8	30	2 Major Structure or Health Problems
5724		Yes		Valley Oak	Quercus lobata	14	Standard Height	23	4 Good - No Apparent Problems
5725		Yes		Valley Oak	Quercus lobata	14	Standard Height	25	3 Fair - Minor Problems
5726		Yes	Yes	Valley Oak	Quercus lobata	12	Standard Height	15	4 Good - No Apparent Problems
5727		Yes		Interior Live Oak	Quercus wislizenii	17	Standard Height	25	3 Fair - Minor Problems
5728		Yes		Valley Oak	Quercus lobata	18	Standard Height	20	3 Fair - Minor Problems
5729				Interior Live Oak	Quercus wislizenii	18	24	23	3 Fair - Minor Problems
5730		Yes		Valley Oak (?)	TBD	18	Standard Height	25	3 Fair - Minor Problems
5731		Yes		Valley Oak	Quercus lobata	12	Standard Height	20	4 Good - No Apparent Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5732		Yes		Valley Oak	Quercus lobata	11	Standard Height	18	3 Fair - Minor Problems
5733		Yes		Valley Oak	Quercus lobata	21	Standard Height	26	4 Good - No Apparent Problems
5734		Yes		Valley Oak	Quercus lobata	30	Standard Height	35	3 Fair - Minor Problems
5735		Yes		Interior Live Oak	Quercus wislizenii	37	6	0	3 Fair - Minor Problems
5736	1609			Valley Oak	Quercus lobata	9	Standard Height	15	2 Major Structure or Health Problems
5737	1608	Yes		Blue Oak	Quercus douglasii	19	Standard Height	20	3 Fair - Minor Problems
5738	1607			Valley Oak	Quercus lobata	14	Standard Height	20	3 Fair - Minor Problems
5739				Interior Live Oak	Quercus wislizenii	19	12	18	3 Fair - Minor Problems
5740	1604			Valley Oak	Quercus lobata	9	Standard Height	10	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5741				Valley Oak	Quercus lobata	6	Standard Height	7	2 Major Structure or Health Problems
5742	1603			Interior Live Oak	Quercus wislizenii	11	Standard Height	17	3 Fair - Minor Problems
5743	1601			Valley Oak	Quercus lobata	18	Standard Height	25	3 Fair - Minor Problems
5744	1800			Valley Oak	Quercus lobata	11	Standard Height	18	2 Major Structure or Health Problems
5745				Interior Live Oak	Quercus wislizenii	22	Standard Height	32	4 Good - No Apparent Problems
5746	1632			Valley Oak	Quercus lobata	16	Standard Height	20	3 Fair - Minor Problems
5747	1502	Yes		Interior Live Oak	Quercus wislizenii	10	36	15	3 Fair - Minor Problems
5748	1504			Interior Live Oak	Quercus wislizenii	7	Standard Height	7	3 Fair - Minor Problems
5749	1504			Interior Live Oak	Quercus wislizenii	7	24	8	2 Major Structure or Health Problems
5750				Interior Live Oak	Quercus wislizenii	6	Standard Height	12	3 Fair - Minor Problems
5751	1508			Interior Live Oak	Quercus wislizenii	9	24	12	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5752	1503			Interior Live Oak	Quercus wislizenii	7	Standard Height	12	2 Major Structure or Health Problems
5753	1795			Blue Oak	Quercus douglasii	12	12	15	3 Fair - Minor Problems
5754				Valley Oak	Quercus lobata	14	Standard Height	25	3 Fair - Minor Problems
5755	1793			Valley Oak	Quercus lobata	14	Standard Height	25	3 Fair - Minor Problems
5756	1794			Valley Oak	Quercus lobata	18	Standard Height	25	3 Fair - Minor Problems
5757				Valley Oak	Quercus lobata	15, 15	Standard Height	28	3 Fair - Minor Problems
5758				Valley Oak	Quercus lobata	17	Standard Height	25	3 Fair - Minor Problems
5759	1798			Interior Live Oak	Quercus wislizenii	22	Standard Height	30	4 Good - No Apparent Problems
5760	1633			Blue Oak	Quercus douglasii	16, 13	Standard Height	28	3 Fair - Minor Problems
5761	1799			Interior Live Oak	Quercus wislizenii	10, 9, 8	Standard Height	25	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5762				Interior Live Oak	Quercus wislizenii	6, 7	Standard Height	12	1 Extreme Structure or Health Problems
5763	1634			Blue Oak	Quercus douglasii	19	Standard Height	25	3 Fair - Minor Problems
5764	1635			Interior Live Oak	Quercus wislizenii		Standard Height	35	2 Major Structure or Health Problems
5765	1636			Valley Oak	Quercus lobata	15	Standard Height	20	2 Major Structure or Health Problems
5766	1637			Blue Oak	Quercus douglasii	32	30	30	4 Good - No Apparent Problems
5767	Na			Blue Oak	Quercus douglasii	9	Standard Height	15	2 Major Structure or Health Problems
5768	1638			Blue Oak	Quercus douglasii	19	Standard Height	20	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5769	1639			Interior Live Oak	Quercus wislizenii	35	12	42	2 Major Structure or Health Problems
5770	1791			Valley Oak	Quercus lobata	24	Standard Height	20	1 Extreme Structure or Health Problems
5776	1677	Yes		Blue Oak	Quercus douglasii	**10**	Standard Height	10	3 Fair - Minor Problems
5777	1501	Yes		Blue Oak	Quercus douglasii	10	6	8	3 Fair - Minor Problems
5778	1790	Yes		Blue Oak	Quercus douglasii	26	Standard Height	32	3 Fair - Minor Problems
5779	1698	Yes		Valley Oak	Quercus lobata	9, 15	Standard Height	22	3 Fair - Minor Problems
5780	1692	Yes		Valley Oak	Quercus lobata	7	48	8	3 Fair - Minor Problems
5781		Yes		Blue Oak	Quercus douglasii	6	Standard Height	7	5 Excellent

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5782	1690	Yes		Valley Oak	Quercus lobata	9	30	14	3 Fair - Minor Problems
5783	1689	Yes		Valley Oak	Quercus lobata	13	Standard Height	20	3 Fair - Minor Problems
5784	1693	Yes		Valley Oak	Quercus lobata	12, 5	Standard Height	15	4 Good - No Apparent Problems
5785	1694	Yes		Valley Oak	Quercus lobata	14	36	20	3 Fair - Minor Problems
5786	1697	Yes		Blue Oak	Quercus douglasii	16	48	21	3 Fair - Minor Problems
5787	1696	Yes		Valley Oak	Quercus lobata	14	Standard Height	17	3 Fair - Minor Problems
5788	1695	Yes		Valley Oak	Quercus lobata	19	Standard Height	25	4 Good - No Apparent Problems
5789	1687	Yes		Valley Oak	Quercus lobata	21	Standard Height	25	4 Good - No Apparent Problems
5790	1688	Yes		Valley Oak	Quercus lobata	22	Standard Height	26	3 Fair - Minor Problems
5791	1678	Yes		Valley Oak	Quercus lobata	17	Standard Height	25	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5792		Yes		Valley Oak	Quercus lobata	20	12	25	3 Fair - Minor Problems
5793	1680	Yes		Valley Oak	Quercus lobata	11	Standard Height	16	3 Fair - Minor Problems
5794	1686	Yes		Valley Oak	Quercus lobata	18	12	20	3 Fair - Minor Problems
5795	1685	Yes		Valley Oak (?)	TBD	18	12	16	3 Fair - Minor Problems
5796	1684	Yes		Valley Oak	Quercus lobata	17	18	20	3 Fair - Minor Problems
5797	1683	Yes		Valley Oak	Quercus lobata	10	Standard Height	10	3 Fair - Minor Problems
5798		Yes		Valley Oak	Quercus lobata	13	Standard Height	17	3 Fair - Minor Problems
5799		Yes		Valley Oak	Quercus lobata	18	Standard Height	23	3 Fair - Minor Problems
5800		Yes	Yes	Valley Oak	Quercus lobata	17	Standard Height	26	3 Fair - Minor Problems
5801	204			Interior Live Oak	Quercus wislizenii	22	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5802	205			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	2 Major Structure or Health Problems
5803	none			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
5804	209			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
5805	210			Interior Live Oak	Quercus wislizenii	12	24	0	2 Major Structure or Health Problems
5806	361			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems
5807	360			Valley Oak	Quercus lobata	23	Standard Height	0	3 Fair - Minor Problems
5808	362			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
5809	363			Interior Live Oak	Quercus wislizenii	20	12	0	2 Major Structure or Health Problems
5810	364			Valley Oak	Quercus lobata	28	Standard Height	0	4 Good - No Apparent Problems
5811	350			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	2 Major Structure or Health Problems
5812	349			Interior Live Oak	Quercus wislizenii	16	Standard Height	0	2 Major Structure or Health Problems
5813	348			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5814	365			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	3 Fair - Minor Problems
5815	367			Blue Oak	Quercus douglasii	10	Standard Height	0	2 Major Structure or Health Problems
5816	368			Valley Oak	Quercus lobata	20, 16	Standard Height	0	1 Extreme Structure or Health Problems
5817	369			Interior Live Oak	Quercus wislizenii	6	Standard Height	0	2 Major Structure or Health Problems
5818	382			Valley Oak	Quercus lobata	22	Standard Height	0	1 Extreme Structure or Health Problems
5819	366			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
5820	370			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	1 Extreme Structure or Health Problems
5821	371			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	3 Fair - Minor Problems
5822	372			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
5823	373			Interior Live Oak	Quercus wislizenii	11	36	0	2 Major Structure or Health Problems
5824	374			Valley Oak	Quercus lobata	6	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5825	375			Interior Live Oak	Quercus wislizenii	14	Standard Height	0	2 Major Structure or Health Problems
5826	377			Blue Oak	Quercus douglasii	7	Standard Height	0	3 Fair - Minor Problems
5827	376			Interior Live Oak	Quercus wislizenii	14	Standard Height	0	3 Fair - Minor Problems
5828	378			Valley Oak	Quercus lobata	9	Standard Height	0	2 Major Structure or Health Problems
5828	1780			Valley Oak	Quercus lobata	19	12	0	2 Major Structure or Health Problems
5829	218			Valley Oak	Quercus lobata	13	36	0	3 Fair - Minor Problems
5830	215			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
5831	214			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
5832	213			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems
5833	211			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems
5834	216			Interior Live Oak	Quercus wislizenii	16	24	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5835	217	No		Interior Live Oak	Quercus wislizenii	5	Standard Height	0	1 Extreme Structure or Health Problems
5836	203			Interior Live Oak	Quercus wislizenii	18	Standard Height	0	1 Extreme Structure or Health Problems
5837	400			Interior Live Oak	Quercus wislizenii	14	24	0	2 Major Structure or Health Problems
5838	399			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	1 Extreme Structure or Health Problems
5839	201			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
5840	202			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	1 Extreme Structure or Health Problems
5841	398			Interior Live Oak	Quercus wislizenii	18	Standard Height	0	1 Extreme Structure or Health Problems
5842	397			Interior Live Oak	Quercus wislizenii	22	Standard Height	0	1 Extreme Structure or Health Problems
5843	396			Interior Live Oak	Quercus wislizenii	42	Standard Height	0	1 Extreme Structure or Health Problems
5844	1967			Blue Oak	Quercus douglasii	10	Standard Height	0	3 Fair - Minor Problems
5845	1966			Valley Oak	Quercus lobata	13	Standard Height	0	3 Fair - Minor Problems
5846	1965			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5847	1964			Valley Oak	Quercus lobata	8	36	0	2 Major Structure or Health Problems
5848	1963			Valley Oak	Quercus lobata	11	Standard Height	0	3 Fair - Minor Problems
5849	1971			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
5850	1974			Valley Oak	Quercus lobata	6	Standard Height	0	3 Fair - Minor Problems
5851	1973			Valley Oak	Quercus lobata	10	30	0	2 Major Structure or Health Problems
5852	1972			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems
5853	1962			Valley Oak	Quercus lobata	12	Standard Height	0	4 Good - No Apparent Problems
5854	1961			Interior Live Oak	Quercus wislizenii	16, 13, 16, 20, 15, 13, 17, 23, 17, 18, 22	Standard Height	0	3 Fair - Minor Problems
5855	1960			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
5856	527			Valley Oak	Quercus lobata	22	Standard Height	0	5 Excellent
5857	526			Valley Oak	Quercus lobata	13	24	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5858	525			Valley Oak	Quercus lobata	9, 9, 12	Standard Height	0	3 Fair - Minor Problems
5859	none			Valley Oak	Quercus lobata	7	18	0	2 Major Structure or Health Problems
5860	524			Blue Oak	Quercus douglasii	24	36	0	3 Fair - Minor Problems
5861	529			Valley Oak	Quercus lobata	16	6	0	3 Fair - Minor Problems
5862	528			Valley Oak	Quercus lobata	19	Standard Height	0	2 Major Structure or Health Problems
5863	530			Blue Oak	Quercus douglasii	11	Standard Height	0	3 Fair - Minor Problems
5864	535			Blue Oak	Quercus douglasii	6	Standard Height	0	3 Fair - Minor Problems
5865				Blue Oak	Quercus douglasii	11	36	0	2 Major Structure or Health Problems
5866	531			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
5867	532			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5868	533			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems
5869	1946			Valley Oak	Quercus lobata	14	Standard Height	0	3 Fair - Minor Problems
5870	1948			Valley Oak	Quercus lobata	14	Standard Height	0	2 Major Structure or Health Problems
5871	none			Interior Live Oak	Quercus wislizenii	6	18	0	3 Fair - Minor Problems
5872	1956			Interior Live Oak	Quercus wislizenii	7	36	0	2 Major Structure or Health Problems
5873	1957			Valley Oak	Quercus lobata	7	Standard Height	0	2 Major Structure or Health Problems
5874	1958			Interior Live Oak	Quercus wislizenii	8	30	0	2 Major Structure or Health Problems
5875	1959			Interior Live Oak	Quercus wislizenii	10	24	0	3 Fair - Minor Problems
5876	none	Yes		Blue Oak	Quercus douglasii	5	Standard Height	0	3 Fair - Minor Problems
5877	1955			Interior Live Oak (?)	TBD	30, 10, 16, 16, 24,20	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5878	540			Interior Live Oak	Quercus wislizenii	20	Standard Height	0	2 Major Structure or Health Problems
5879	541			Valley Oak	Quercus lobata	12	Standard Height	0	2 Major Structure or Health Problems
5880	542			Interior Live Oak	Quercus wislizenii	8, 8, 11, 5	Standard Height	0	2 Major Structure or Health Problems
5881	543			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
5882	544			Valley Oak	Quercus lobata	8	Standard Height	0	3 Fair - Minor Problems
5883	545			Valley Oak	Quercus lobata	37	Standard Height	0	3 Fair - Minor Problems
5884	546			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	4 Good - No Apparent Problems
5885	554			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
5886	547			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5887	1953			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
5888	1952			Valley Oak (?)	TBD	9	Standard Height	30	2 Major Structure or Health Problems
5889	1951			Valley Oak	Quercus lobata	7, 6	Standard Height	0	2 Major Structure or Health Problems
5890	1950			Blue Oak	Quercus douglasii	8	24	0	3 Fair - Minor Problems
5891	1954			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
5892	1949			Valley Oak	Quercus lobata	15	48	0	2 Major Structure or Health Problems
5893	1947			Valley Oak	Quercus lobata	12	36	0	3 Fair - Minor Problems
5894	549			Valley Oak	Quercus lobata	10	Standard Height	0	2 Major Structure or Health Problems
5895	550			Valley Oak	Quercus lobata	6	Standard Height	0	3 Fair - Minor Problems
5896	551			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5897	552			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
5898	553			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
5899	555			Valley Oak	Quercus lobata	8	Standard Height	0	3 Fair - Minor Problems
5900	1936			Valley Oak	Quercus lobata	14	Standard Height	0	3 Fair - Minor Problems
5906	556			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
5907	1937			Valley Oak	Quercus lobata	11	Standard Height	0	3 Fair - Minor Problems
5908	1939			Blue Oak	Quercus douglasii	7	Standard Height	0	3 Fair - Minor Problems
5909	537			Interior Live Oak	Quercus wislizenii	12, 20, 17, 12, 13, 7, 17	Standard Height	0	2 Major Structure or Health Problems
5910	1940			Valley Oak	Quercus lobata	12	36	0	2 Major Structure or Health Problems
5911	1941			Valley Oak	Quercus lobata	15	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5912	1942			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
5913	1943			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
5914	1944			Blue Oak	Quercus douglasii	9	Standard Height	0	3 Fair - Minor Problems
5915	521			Blue Oak	Quercus douglasii	28	Standard Height	0	3 Fair - Minor Problems
5915	520			Interior Live Oak	Quercus wislizenii	18, 12	Standard Height	0	2 Major Structure or Health Problems
5916	522			Interior Live Oak	Quercus wislizenii	20	Standard Height	0	1 Extreme Structure or Health Problems
5918	523			Interior Live Oak	Quercus wislizenii	17, 23, 16	Standard Height	0	3 Fair - Minor Problems
5919	1789			Interior Live Oak	Quercus wislizenii	24, 20	Standard Height	0	1 Extreme Structure or Health Problems
5920	1788			Interior Live Oak	Quercus wislizenii	17, 13, 18, 10, 17	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5921				Valley Oak	Quercus lobata	25	Standard Height	0	3 Fair - Minor Problems
5922	1767			Valley Oak	Quercus lobata	18	Standard Height	0	3 Fair - Minor Problems
5923	1769			Blue Oak	Quercus douglasii	34	Standard Height	0	2 Major Structure or Health Problems
5924	1770			Valley Oak	Quercus lobata	14	Standard Height	0	3 Fair - Minor Problems
5925	1778			Valley Oak	Quercus lobata	18	Standard Height	0	3 Fair - Minor Problems
5926	1768			Valley Oak	Quercus lobata	10	Standard Height	0	2 Major Structure or Health Problems
5927	1779			Valley Oak	Quercus lobata	21	Standard Height	0	1 Extreme Structure or Health Problems
5929	1785			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
5930	-1784			Interior Live Oak	Quercus wislizenii	9	24	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5931	1783			Valley Oak	Quercus lobata	8	Standard Height	0	3 Fair - Minor Problems
5932	1732			Valley Oak	Quercus lobata	16	6	0	2 Major Structure or Health Problems
5933	1781			Valley Oak	Quercus lobata	14	12	0	2 Major Structure or Health Problems
5934	1777			Valley Oak	Quercus lobata	23	Standard Height	0	3 Fair - Minor Problems
5935	none			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
5936	1773			Valley Oak	Quercus lobata		Standard Height	0	2 Major Structure or Health Problems
5937	1775			Valley Oak	Quercus lobata	14, 5	Standard Height	0	2 Major Structure or Health Problems
5938	1772			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	2 Major Structure or Health Problems
5938	1774			Valley Oak	Quercus lobata	16	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5940	1791			Interior Live Oak	Quercus wislizenii	48	30	0	2 Major Structure or Health Problems
5941		Yes	Yes	Interior Live Oak	Quercus wislizenii	32	Standard Height	25	2 Major Structure or Health Problems
5942				Interior Live Oak	Quercus wislizenii	9	Standard Height	12	2 Major Structure or Health Problems
5943				Interior Live Oak	Quercus wislizenii	9, 5	Standard Height	20	2 Major Structure or Health Problems
5944				Valley Oak	Quercus lobata	14	Standard Height	15	2 Major Structure or Health Problems
5945				Valley Oak	Quercus lobata	20	Standard Height	25	2 Major Structure or Health Problems
5946				Interior Live Oak	Quercus wislizenii	13	Standard Height	20	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5947				Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
5948				Valley Oak	Quercus lobata	19	Standard Height	18	2 Major Structure or Health Problems
5949				Valley Oak	Quercus lobata	6	Standard Height	8	2 Major Structure or Health Problems
5950				Valley Oak	Quercus lobata	11, 7, 13	Standard Height	25	2 Major Structure or Health Problems
5951				Valley Oak	Quercus lobata	12	Standard Height	15	1 Extreme Structure or Health Problems
5952				Interior Live Oak	Quercus wislizenii	20	Standard Height	17	2 Major Structure or Health Problems
5953				Interior Live Oak	Quercus wislizenii	13	Standard Height	15	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5954				Interior Live Oak	Quercus wislizenii	16	30	25	2 Major Structure or Health Problems
5955				Interior Live Oak	Quercus wislizenii	12, 11	Standard Height	0	1 Extreme Structure or Health Problems
5956				Valley Oak	Quercus lobata	31	24	30	2 Major Structure or Health Problems
5957				Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
5958				Interior Live Oak	Quercus wislizenii	9	Standard Height	0	1 Extreme Structure or Health Problems
5959				Interior Live Oak	Quercus wislizenii	8, 9	Standard Height	18	2 Major Structure or Health Problems
5960				Interior Live Oak	Quercus wislizenii	8	Standard Height	10	1 Extreme Structure or Health Problems
5961				Interior Live Oak	Quercus wislizenii	29	Standard Height	25	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5962				Valley Oak	Quercus lobata	23	Standard Height	15	2 Major Structure or Health Problems
5963	1626			Valley Oak	Quercus lobata	10	Standard Height	10	3 Fair - Minor Problems
5964		Yes	Yes	Valley Oak	Quercus lobata	9	18	7	2 Major Structure or Health Problems
5965				Valley Oak	Quercus lobata	7, 8	Standard Height	7	2 Major Structure or Health Problems
5966	1625			Interior Live Oak	Quercus wislizenii	13	Standard Height	0	2 Major Structure or Health Problems
5967	1621			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
5968	1614			Valley Oak	Quercus lobata	8	18	8	2 Major Structure or Health Problems
5969	1613			Valley Oak	Quercus lobata	11	Standard Height	15	3 Fair - Minor Problems
5970	1612			Valley Oak	Quercus lobata	8	Standard Height	10	2 Major Structure or Health Problems
5971	1618			Valley Oak	Quercus lobata	10	Standard Height	17	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5972	1617			Valley Oak	Quercus lobata	9	Standard Height	15	3 Fair - Minor Problems
5973	1616			Valley Oak	Quercus lobata	8	Standard Height	12	2 Major Structure or Health Problems
5974	1615			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
5975	none			Interior Live Oak	Quercus wislizenii	9	3	10	3 Fair - Minor Problems
5976	1619			Valley Oak	Quercus lobata	19	Standard Height	20	3 Fair - Minor Problems
5977	1620			Valley Oak	Quercus lobata	8, 9	Standard Height	12	2 Major Structure or Health Problems
5978	1611			Valley Oak	Quercus lobata	23	Standard Height	25	3 Fair - Minor Problems
5979	1622			Valley Oak	Quercus lobata	13	24	17	2 Major Structure or Health Problems
5980	1623			Valley Oak	Quercus lobata	19	18	20	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5981	1631			Interior Live Oak	Quercus wislizenii	26	24	26	3 Fair - Minor Problems
5982	1630			Valley Oak	Quercus lobata	18	Standard Height	25	4 Good - No Apparent Problems
5983	1629			Valley Oak	Quercus lobata	13	Standard Height	20	3 Fair - Minor Problems
5984	1628			Interior Live Oak	Quercus wislizenii	5, 5	Standard Height	0	2 Major Structure or Health Problems
5985	1627			Valley Oak (?)	TBD	14	Standard Height	15	2 Major Structure or Health Problems
5986				Valley Oak	Quercus lobata	7	Standard Height	8	2 Major Structure or Health Problems
5987				Valley Oak	Quercus lobata	16	Standard Height	30	3 Fair - Minor Problems
5988				Valley Oak	Quercus lobata	6, 3, 2, 1	Standard Height	0	2 Major Structure or Health Problems
5989				Valley Oak	Quercus lobata	18	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5990				Valley Oak	Quercus lobata	15	Standard Height	20	2 Major Structure or Health Problems
5991	401			Valley Oak	Quercus lobata	20	24	16	3 Fair - Minor Problems
5992	402			Valley Oak	Quercus lobata	13	Standard Height	21	3 Fair - Minor Problems
5993	403			Valley Oak	Quercus lobata	7	Standard Height	10	3 Fair - Minor Problems
5994	404			Valley Oak	Quercus lobata	8, 6	Standard Height	12	2 Major Structure or Health Problems
5995				Interior Live Oak	Quercus wislizenii	9, 6, 8	Standard Height	15	1 Extreme Structure or Health Problems
5996	406			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
5997	405			Interior Live Oak	Quercus wislizenii	18	6	25	2 Major Structure or Health Problems
5998	407			Valley Oak	Quercus lobata	22	24	15	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
5999	408			Interior Live Oak	Quercus wislizenii	13, 13, 16	30	0	2 Major Structure or Health Problems
6000				Interior Live Oak	Quercus wislizenii	6	Standard Height	10	2 Major Structure or Health Problems
6501	219	Yes		Valley Oak	Quercus lobata	12	Standard Height	12	3 Fair - Minor Problems
6503	1202	Yes		Valley Oak	Quercus lobata	8	Standard Height	14	2 Major Structure or Health Problems
6504	1203	Yes		Interior Live Oak	Quercus wislizenii	20	Standard Height	31	1 Extreme Structure or Health Problems
6505	1207	Yes		Valley Oak	Quercus lobata	8	Standard Height	11	3 Fair - Minor Problems
6506	1204	Yes		Valley Oak	Quercus lobata	8	Standard Height	12	3 Fair - Minor Problems
6507	1205	Yes		Valley Oak	Quercus lobata	10	Standard Height	14	3 Fair - Minor Problems
6508	Na	Yes		Valley Oak	Quercus lobata	6	Standard Height	8	2 Major Structure or Health Problems
6509	1208	Yes		Valley Oak	Quercus lobata	10	Standard Height	16	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6510	1210	Yes		Valley Oak	Quercus lobata	6	Standard Height	7	4 Good - No Apparent Problems
6511	1211	Yes		Valley Oak	Quercus lobata	8	Standard Height	15	3 Fair - Minor Problems
6512	1212	Yes		Valley Oak	Quercus lobata	17	Standard Height	23	3 Fair - Minor Problems
6513	1209	Yes		Interior Live Oak	Quercus wislizenii	20	Standard Height	32	2 Major Structure or Health Problems
6514	220	Yes		Valley Oak	Quercus lobata	12	Standard Height	14	3 Fair - Minor Problems
6515	1213	Yes		Interior Live Oak	Quercus wislizenii	13	Standard Height	0	2 Major Structure or Health Problems
6516	1214	Yes		Interior Live Oak	Quercus wislizenii	22	Standard Height	31	1 Extreme Structure or Health Problems
6517	1215	Yes		Valley Oak	Quercus lobata	6	Standard Height	9	3 Fair - Minor Problems
6518	1216	Yes		Interior Live Oak	Quercus wislizenii	27	Standard Height	0	2 Major Structure or Health Problems
6519	1217			Interior Live Oak	Quercus wislizenii	13	Standard Height	19	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6520	1218	Yes		Valley Oak	Quercus lobata	17	Standard Height	21	2 Major Structure or Health Problems
6521	1219	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	18	2 Major Structure or Health Problems
6522	1220	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	12	1 Extreme Structure or Health Problems
6523	1221	Yes		Interior Live Oak	Quercus wislizenii	20	Standard Height	29	2 Major Structure or Health Problems
6524	1222	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	17	2 Major Structure or Health Problems
6525	1223	Yes		Interior Live Oak	Quercus wislizenii	16	Standard Height	22	1 Extreme Structure or Health Problems
6526	1225	Yes		Interior Live Oak	Quercus wislizenii	22	Standard Height	32	2 Major Structure or Health Problems
6527	1224, 298	Yes		Valley Oak	Quercus lobata	18	Standard Height	22	3 Fair - Minor Problems
6528	Na	Yes		Oracle Oak	Quercus x morehous	7	Standard Height	11	3 Fair - Minor Problems
6529	1226	Yes		Interior Live Oak	Quercus wislizenii	6	Standard Height	9	1 Extreme Structure or Health Problems
6530	1227	Yes		Valley Oak	Quercus lobata	16	Standard Height	22	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6531	Na	Yes		Interior Live Oak	Quercus wislizenii	10	Standard Height	11	2 Major Structure or Health Problems
6532	Na	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	12	2 Major Structure or Health Problems
6533	1699, 61	Yes		Interior Live Oak	Quercus wislizenii	25	Standard Height	32	1 Extreme Structure or Health Problems
6534	Na	Yes		Interior Live Oak	Quercus wislizenii	6	Standard Height	10	2 Major Structure or Health Problems
6535	63	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	0	2 Major Structure or Health Problems
6536	Na	Yes		Blue Oak	Quercus douglasii	18	Standard Height	23	2 Major Structure or Health Problems
6537	Na	Yes		Valley Oak	Quercus lobata	7	Standard Height	11	2 Major Structure or Health Problems
6538	Na	Yes		Valley Oak	Quercus lobata	17	Standard Height	22	3 Fair - Minor Problems
6539	Na	Yes		Interior Live Oak	Quercus wislizenii	10	Standard Height	14	2 Major Structure or Health Problems
6540	Na			Valley Oak	Quercus lobata	12	Standard Height	19	3 Fair - Minor Problems
6541	Na	Yes		Valley Oak	Quercus lobata	22	Standard Height	30	2 Major Structure or Health Problems
6542	1229	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	15	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6544	1231	Yes		Interior Live Oak	Quercus wislizenii	10	Standard Height	14	2 Major Structure or Health Problems
6545	1232	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	14	1 Extreme Structure or Health Problems
6546	1230	Yes		Interior Live Oak	Quercus wislizenii	20	Standard Height	27	2 Major Structure or Health Problems
6546	1233	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	6	1 Extreme Structure or Health Problems
6547	1234	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	15	2 Major Structure or Health Problems
6548	1235	Yes		Blue Oak	Quercus douglasii	10	Standard Height	15	3 Fair - Minor Problems
6549	1236	Yes		Interior Live Oak	Quercus wislizenii	16	Standard Height	22	1 Extreme Structure or Health Problems
6550	1237	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	11	2 Major Structure or Health Problems
6551	1238	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	9	3 Fair - Minor Problems
6552	1241	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	15	2 Major Structure or Health Problems
6553	1240	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	13	2 Major Structure or Health Problems
6554	1242	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	19	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6555	1243	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	0	2 Major Structure or Health Problems
6556	1245	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	18	2 Major Structure or Health Problems
6557	1248	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	13	2 Major Structure or Health Problems
6558	1247	Yes		Valley Oak	Quercus lobata	10	Standard Height	18	3 Fair - Minor Problems
6559	1249	Yes		Valley Oak	Quercus lobata	6	Standard Height	10	3 Fair - Minor Problems
6560	1250, 321	Yes		Valley Oak	Quercus lobata	19	Standard Height	28	3 Fair - Minor Problems
6561	Na	Yes		Valley Oak	Quercus lobata	22	Standard Height	30	3 Fair - Minor Problems
6564	1228	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	12	1 Extreme Structure or Health Problems
6565	Na	Yes		Valley Oak	Quercus lobata	6	Standard Height	8	2 Major Structure or Health Problems
6566	510	Yes		Interior Live Oak	Quercus wislizenii	15	Standard Height	15	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6567	511	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	12	2 Major Structure or Health Problems
6568	501	Yes		Interior Live Oak	Quercus wislizenii	39	Standard Height	32	1 Extreme Structure or Health Problems
6569	502	Yes		Interior Live Oak	Quercus wislizenii	40	Standard Height	35	1 Extreme Structure or Health Problems
6570	504	Yes		Valley Oak	Quercus lobata	7	Standard Height	10	3 Fair - Minor Problems
6571	300	Yes		Valley Oak	Quercus lobata	24	Standard Height	22	3 Fair - Minor Problems
6572	299	Yes		Interior Live Oak	Quercus wislizenii	24	Standard Height	25	3 Fair - Minor Problems
6573	298	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	10	2 Major Structure or Health Problems
6574	275	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	16	3 Fair - Minor Problems
6575	222	Yes		Valley Oak	Quercus lobata	9	Standard Height	10	3 Fair - Minor Problems
6576	221	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	16	2 Major Structure or Health Problems
6577	223	Yes		Interior Live Oak	Quercus wislizenii	23	Standard Height	22	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6578	225, 240	Yes		Interior Live Oak	Quercus wislizenii	30, 20	Standard Height	24	1 Extreme Structure or Health Problems
6579	224	Yes		Interior Live Oak	Quercus wislizenii	13	Standard Height	16	1 Extreme Structure or Health Problems
6580	228	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	15	1 Extreme Structure or Health Problems
6581	227	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	15	1 Extreme Structure or Health Problems
6582	229	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	17	1 Extreme Structure or Health Problems
6583	226	Yes		Interior Live Oak	Quercus wislizenii	20	Standard Height	27	2 Major Structure or Health Problems
6584	230	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	20	2 Major Structure or Health Problems
6585	231	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	11	2 Major Structure or Health Problems
6586	286	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	11	1 Extreme Structure or Health Problems
6587	290	Yes		Interior Live Oak	Quercus wislizenii	15	Standard Height	21	2 Major Structure or Health Problems
6588	291	Yes		Valley Oak	Quercus lobata	18	Standard Height	22	4 Good - No Apparent Problems
6589	289	Yes		Valley Oak	Quercus lobata	7	Standard Height	12	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6590	287	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	13	2 Major Structure or Health Problems
6591	232	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	12	2 Major Structure or Health Problems
6592	233	Yes		Blue Oak	Quercus douglasii	16	Standard Height	21	3 Fair - Minor Problems
6593	234	Yes		Valley Oak	Quercus lobata	13	Standard Height	18	3 Fair - Minor Problems
6594	235	Yes		Blue Oak	Quercus douglasii	13	Standard Height	18	3 Fair - Minor Problems
6595	236	Yes		Interior Live Oak	Quercus wislizenii	24	Standard Height	27	1 Extreme Structure or Health Problems
6596	240	Yes		Valley Oak	Quercus lobata	13	Standard Height	19	3 Fair - Minor Problems
6598	241	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	15	1 Extreme Structure or Health Problems
6599	243	Yes		Valley Oak	Quercus lobata	13	Standard Height	18	2 Major Structure or Health Problems
6600	257	Yes		Valley Oak	Quercus lobata	22	Standard Height	30	4 Good - No Apparent Problems
6602	258	Yes		Interior Live Oak	Quercus wislizenii	10	Standard Height	12	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6603	259	Yes		Valley Oak	Quercus lobata	12	Standard Height	19	2 Major Structure or Health Problems
6604	267	Yes		Interior Live Oak	Quercus wislizenii	24	18	30	2 Major Structure or Health Problems
6605	266	Yes		Valley Oak (?)	TBD	8	Standard Height	14	3 Fair - Minor Problems
6606	238	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	15	1 Extreme Structure or Health Problems
6607	239	Yes		Valley Oak	Quercus lobata	15	Standard Height	21	1 Extreme Structure or Health Problems
6608	242	Yes		Interior Live Oak	Quercus wislizenii	15, 10	Standard Height	23	2 Major Structure or Health Problems
6609	245, 278	Yes		Valley Oak	Quercus lobata	15	Standard Height	27	2 Major Structure or Health Problems
6610	246	Yes		Valley Oak	Quercus lobata	9	Standard Height	14	1 Extreme Structure or Health Problems
6611	247	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	17	1 Extreme Structure or Health Problems
6612	248	Yes		Valley Oak	Quercus lobata	7	Standard Height	10	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6613	249	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	20	1 Extreme Structure or Health Problems
6614	250	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	10	2 Major Structure or Health Problems
6615	254	Yes		Valley Oak	Quercus lobata	7	Standard Height	6	2 Major Structure or Health Problems
6616	253	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	15	2 Major Structure or Health Problems
6617	252	Yes		Valley Oak	Quercus lobata	10	Standard Height	18	2 Major Structure or Health Problems
6618	255	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	16	1 Extreme Structure or Health Problems
6619	251	Yes		Interior Live Oak	Quercus wislizenii	9	36	10	1 Extreme Structure or Health Problems
6620	255	Yes		Interior Live Oak	Quercus wislizenii	7	36	6	1 Extreme Structure or Health Problems
6621	261	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	10	1 Extreme Structure or Health Problems
6622	260	Yes		Interior Live Oak	Quercus wislizenii	13	Standard Height	18	1 Extreme Structure or Health Problems
6623	Na	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	6	2 Major Structure or Health Problems
6624	263	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	10	1 Extreme Structure or Health Problems
6625	264	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	10	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6626	265	Yes		Interior Live Oak	Quercus wislizenii	14, 8	Standard Height	19	1 Extreme Structure or Health Problems
6627	288	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	16	1 Extreme Structure or Health Problems
6628	293	Yes		Interior Live Oak	Quercus wislizenii	20	Standard Height	26	1 Extreme Structure or Health Problems
6629	292	Yes		Interior Live Oak	Quercus wislizenii	28	Standard Height	30	1 Extreme Structure or Health Problems
6629	1297	Yes		Interior Live Oak	Quercus wislizenii	13	36	20	2 Major Structure or Health Problems
6630	296	Yes		Interior Live Oak	Quercus wislizenii	30	Standard Height	28	1 Extreme Structure or Health Problems
6631	297	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	16	1 Extreme Structure or Health Problems
6632	505	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	15	2 Major Structure or Health Problems
6633	506	Yes		Valley Oak	Quercus lobata	6	Standard Height	6	1 Extreme Structure or Health Problems
6634	507	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	12	2 Major Structure or Health Problems
6635	Na	Yes		Interior Live Oak	Quercus wislizenii	7	12	9	1 Extreme Structure or Health Problems
6636	508	Yes		Interior Live Oak	Quercus wislizenii	6, 6	Standard Height	14	1 Extreme Structure or Health Problems
6637	285	Yes		Valley Oak (?)	TBD	24	12	26	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6638	284	Yes		Interior Live Oak	Quercus wislizenii	24	12	32	1 Extreme Structure or Health Problems
6639	283	Yes		Interior Live Oak	Quercus wislizenii	28	12	28	1 Extreme Structure or Health Problems
6641	269	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	16	2 Major Structure or Health Problems
6642	268	Yes		Interior Live Oak	Quercus wislizenii	11, 8	Standard Height	18	1 Extreme Structure or Health Problems
6643	279	Yes		Valley Oak	Quercus lobata	8	Standard Height	17	3 Fair - Minor Problems
6644	278	Yes		Valley Oak	Quercus lobata	13	Standard Height	19	3 Fair - Minor Problems
6645	277	Yes		Interior Live Oak	Quercus wislizenii	9, 8	Standard Height	17	1 Extreme Structure or Health Problems
6646	276	Yes		Interior Live Oak	Quercus wislizenii	24	Standard Height	18	1 Extreme Structure or Health Problems
6647	281	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	16	2 Major Structure or Health Problems
6648	280	Yes		Interior Live Oak	Quercus wislizenii	26	Standard Height	29	3 Fair - Minor Problems
6649	273	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	9	1 Extreme Structure or Health Problems
6650	274	Yes		Valley Oak	Quercus lobata	9	Standard Height	14	2 Major Structure or Health Problems
6651	270	Yes		Valley Oak	Quercus lobata	9	Standard Height	17	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6652	271	Yes		Interior Live Oak	Quercus wislizenii	22	Standard Height	27	2 Major Structure or Health Problems
6653	272	Yes		Interior Live Oak	Quercus wislizenii	7, 7	Standard Height	16	1 Extreme Structure or Health Problems
6654	557	Yes		Valley Oak	Quercus lobata	18	Standard Height	25	4 Good - No Apparent Problems
6655	1251	Yes		Valley Oak	Quercus lobata	8, 7	Standard Height	17	1 Extreme Structure or Health Problems
6656	1252	Yes		Interior Live Oak	Quercus wislizenii	6, 5	Standard Height	15	1 Extreme Structure or Health Problems
6657	1253	Yes		Interior Live Oak	Quercus wislizenii	6, 5, 5, 5	Standard Height	17	1 Extreme Structure or Health Problems
6658	1254	Yes		Interior Live Oak	Quercus wislizenii	12, 10	Standard Height	28	1 Extreme Structure or Health Problems
6659	1255	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	10	1 Extreme Structure or Health Problems
6660	1256	Yes		Valley Oak	Quercus lobata	20	Standard Height	29	3 Fair - Minor Problems
6661	1257	Yes		Interior Live Oak	Quercus wislizenii	6, 5, 5	Standard Height	12	1 Extreme Structure or Health Problems
6662	NA			Interior Live Oak	Quercus wislizenii	18	Standard Height	25	1 Extreme Structure or Health Problems
6663	1258	Yes		Interior Live Oak	Quercus wislizenii	16	24	18	1 Extreme Structure or Health Problems
6664	1259	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	18	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6665	1260	Yes		Valley Oak	Quercus lobata	16	Standard Height	22	2 Major Structure or Health Problems
6666	1261	Yes		Valley Oak	Quercus lobata	42	18	40	3 Fair - Minor Problems
6667	1262	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	10	1 Extreme Structure or Health Problems
6668	1263	Yes		Interior Live Oak	Quercus wislizenii	15	Standard Height	0	2 Major Structure or Health Problems
6669	1264	Yes		Interior Live Oak	Quercus wislizenii	20	Standard Height	5	1 Extreme Structure or Health Problems
6670	NA	Yes		Interior Live Oak	Quercus wislizenii	41	12	39	1 Extreme Structure or Health Problems
6671	1266	Yes		Interior Live Oak	Quercus wislizenii	26	Standard Height	30	1 Extreme Structure or Health Problems
6672	513	Yes		Valley Oak	Quercus lobata	9	Standard Height	8	3 Fair - Minor Problems
6673	514	Yes		Valley Oak	Quercus lobata	9	Standard Height	12	3 Fair - Minor Problems
6674	517	Yes		Valley Oak	Quercus lobata	16	Standard Height	20	3 Fair - Minor Problems
6675	516	Yes		Interior Live Oak	Quercus wislizenii	22	12	24	1 Extreme Structure or Health Problems
6676	515	Yes		Interior Live Oak	Quercus wislizenii	18	24	21	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6677	518	Yes		Valley Oak	Quercus lobata	10	Standard Height	14	3 Fair - Minor Problems
6678	519	Yes		Interior Live Oak	Quercus wislizenii	18, 14	Standard Height	29	1 Extreme Structure or Health Problems
6679	1932	Yes		Blue Oak	Quercus douglasii	8	Standard Height	11	3 Fair - Minor Problems
6680	1931	Yes		Blue Oak	Quercus douglasii	14	Standard Height	18	3 Fair - Minor Problems
6681	1930	Yes		Valley Oak	Quercus lobata	11	Standard Height	17	4 Good - No Apparent Problems
6682	1929	Yes		Valley Oak	Quercus lobata	9, 8	Standard Height	17	2 Major Structure or Health Problems
6683	1928	Yes		Valley Oak	Quercus lobata	16	18	21	2 Major Structure or Health Problems
6684	1933	Yes		Valley Oak	Quercus lobata	20	18	26	2 Major Structure or Health Problems
6685	1934	Yes		Valley Oak	Quercus lobata	15	60	22	3 Fair - Minor Problems
6686	1935	Yes		Valley Oak	Quercus lobata	8	Standard Height	14	3 Fair - Minor Problems
6687	1936	Yes		Valley Oak	Quercus lobata	11	30	15	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6688	1648	Yes		Valley Oak	Quercus lobata	16	Standard Height	24	4 Good - No Apparent Problems
6689	1676	Yes		Valley Oak	Quercus lobata	14	Standard Height	17	3 Fair - Minor Problems
6690	1668	Yes		Valley Oak	Quercus lobata	17	Standard Height	22	3 Fair - Minor Problems
6691	1641	Yes		Valley Oak	Quercus lobata	11	Standard Height	21	4 Good - No Apparent Problems
6692	1909	Yes		Valley Oak	Quercus lobata	17	Standard Height	24	3 Fair - Minor Problems
6693	564	Yes		Interior Live Oak	Quercus wislizenii	67	6	40	1 Extreme Structure or Health Problems
6694	565	Yes		Interior Live Oak	Quercus wislizenii	28	Standard Height	34	1 Extreme Structure or Health Problems
6695	562	Yes		Interior Live Oak	Quercus wislizenii	30	18	32	2 Major Structure or Health Problems
6696	561	Yes		Interior Live Oak	Quercus wislizenii	68	6	39	1 Extreme Structure or Health Problems
6697	558	Yes		Valley Oak	Quercus lobata	19	24	30	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6698	559	Yes		Valley Oak	Quercus lobata	18	Standard Height	0	3 Fair - Minor Problems
6699	560	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	15	2 Major Structure or Health Problems
6700	1925			Valley Oak	Quercus lobata	12	24	0	3 Fair - Minor Problems
6701	1923			Valley Oak	Quercus lobata	13	Standard Height	0	3 Fair - Minor Problems
6702	1920			Interior Live Oak	Quercus wislizenii	7, 6, 6, 7, 5, 4	Standard Height	0	1 Extreme Structure or Health Problems
6703	1921			Interior Live Oak	Quercus wislizenii	14	Standard Height	15	2 Major Structure or Health Problems
6704	1922			Interior Live Oak	Quercus wislizenii	14	Standard Height	25	2 Major Structure or Health Problems
6705	1924			Valley Oak (?)	TBD	16	Standard Height	20	3 Fair - Minor Problems
6706	1926			Interior Live Oak	Quercus wislizenii	16	Standard Height	25	3 Fair - Minor Problems
6707	1910			Interior Live Oak	Quercus wislizenii	4, 5, 5, 5, 3, 3, 2	Standard Height	0	2 Major Structure or Health Problems
6708	1908			Interior Live Oak	Quercus wislizenii	11	Standard Height	20	1 Extreme Structure or Health Problems
6709	1927			Valley Oak	Quercus lobata	14	Standard Height	18	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6712	1906			Interior Live Oak	Quercus wislizenii	10	Standard Height	20	2 Major Structure or Health Problems
6713	1904			Interior Live Oak	Quercus wislizenii	5, 3, 4	Standard Height	15	2 Major Structure or Health Problems
6714	1901			Interior Live Oak	Quercus wislizenii	10	Standard Height	14	3 Fair - Minor Problems
6715	600			Interior Live Oak	Quercus wislizenii	31	12	30	3 Fair - Minor Problems
6716	594			Interior Live Oak	Quercus wislizenii	6	Standard Height	10	2 Major Structure or Health Problems
6717	595			Valley Oak	Quercus lobata	14	Standard Height	25	3 Fair - Minor Problems
6719	590			Interior Live Oak	Quercus wislizenii	14	24	0	1 Extreme Structure or Health Problems
6720	586			Interior Live Oak	Quercus wislizenii	28	12	30	2 Major Structure or Health Problems
6721	576			Valley Oak	Quercus lobata	19	Standard Height	25	3 Fair - Minor Problems
6722	577			Valley Oak (?)	TBD	8	Standard Height	15	2 Major Structure or Health Problems
6723	578			Valley Oak	Quercus lobata	7	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6724	575			Interior Live Oak	Quercus wislizenii	10, 7	Standard Height	25	1 Extreme Structure or Health Problems
6725	574			Interior Live Oak	Quercus wislizenii	16	Standard Height	30	3 Fair - Minor Problems
6726	573			Valley Oak	Quercus lobata	16	Standard Height	25	3 Fair - Minor Problems
6727	571	Yes		Valley Oak	Quercus lobata	15, 11	Standard Height	0	3 Fair - Minor Problems
6728	572			Interior Live Oak	Quercus wislizenii	10	Standard Height	15	2 Major Structure or Health Problems
6729	568			Valley Oak	Quercus lobata	14	Standard Height	20	2 Major Structure or Health Problems
6730	567			Valley Oak (?)	TBD	9, 7, 8	Standard Height	0	1 Extreme Structure or Health Problems
6731				Interior Live Oak	Quercus wislizenii	13	Standard Height	0	2 Major Structure or Health Problems
6732	566			Interior Live Oak	Quercus wislizenii	12	Standard Height	30	2 Major Structure or Health Problems
6733	569			Valley Oak	Quercus lobata	13	Standard Height	0	2 Major Structure or Health Problems
6734	570			Interior Live Oak	Quercus wislizenii	24	12	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6735	579			Interior Live Oak	Quercus wislizenii	14	Standard Height	0	2 Major Structure or Health Problems
6735	580			Interior Live Oak	Quercus wislizenii	16, 11	Standard Height	0	2 Major Structure or Health Problems
6737	581			Valley Oak (?)	TBD	13	Standard Height	15	1 Extreme Structure or Health Problems
6738	585			Valley Oak (?)	TBD	6	Standard Height	0	1 Extreme Structure or Health Problems
6739	584			Interior Live Oak	Quercus wislizenii	13	Standard Height	0	2 Major Structure or Health Problems
6740	583			Valley Oak	Quercus lobata	6	Standard Height	20	1 Extreme Structure or Health Problems
6741	582			Interior Live Oak	Quercus wislizenii	6	Standard Height	0	1 Extreme Structure or Health Problems
6742	587			Valley Oak	Quercus lobata	9	Standard Height	0	1 Extreme Structure or Health Problems
6743	588			Interior Live Oak	Quercus wislizenii	9, 10	Standard Height	0	1 Extreme Structure or Health Problems
6744	589			Interior Live Oak	Quercus wislizenii	16	12	20	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6745	591			Interior Live Oak	Quercus wislizenii	15, 14	Standard Height	0	2 Major Structure or Health Problems
6746	592			Valley Oak	Quercus lobata	8	Standard Height	0	2 Major Structure or Health Problems
6747	593			Interior Live Oak	Quercus wislizenii	16	24	20	3 Fair - Minor Problems
6748	596			Interior Live Oak	Quercus wislizenii	18	Standard Height	25	3 Fair - Minor Problems
6749	597			Valley Oak (?)	TBD	22, 22, 16	Standard Height	0	3 Fair - Minor Problems
6750	598			Valley Oak	Quercus lobata	7	Standard Height	0	1 Extreme Structure or Health Problems
6751	599			Valley Oak	Quercus lobata	26	Standard Height	30	4 Good - No Apparent Problems
6752	1902			Valley Oak	Quercus lobata	10	Standard Height	15	4 Good - No Apparent Problems
6753	1903			Interior Live Oak	Quercus wislizenii	13	36	15	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6754	1905			Interior Live Oak	Quercus wislizenii	38	12	30	3 Fair - Minor Problems
6755	1907			Valley Oak	Quercus lobata	18	Standard Height	0	3 Fair - Minor Problems
6756	1911			Interior Live Oak	Quercus wislizenii	28	24	25	3 Fair - Minor Problems
6757	1912			Interior Live Oak	Quercus wislizenii	22	Standard Height	0	1 Extreme Structure or Health Problems
6758	1913	Yes		Valley Oak	Quercus lobata	18	12	0	1 Extreme Structure or Health Problems
6759	1914			Interior Live Oak	Quercus wislizenii	30	6	0	2 Major Structure or Health Problems
6760	1915			Interior Live Oak	Quercus wislizenii	17	12	0	3 Fair - Minor Problems
6761	1916			Interior Live Oak	Quercus wislizenii	14	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6762	1917			Valley Oak (?)	TBD	16	36	0	2 Major Structure or Health Problems
6763	1018			Valley Oak	Quercus lobata	20	12	0	2 Major Structure or Health Problems
6764	1919			Valley Oak	Quercus lobata	20	Standard Height	0	4 Good - No Apparent Problems
6765	1640			Interior Live Oak	Quercus wislizenii	13	24	0	1 Extreme Structure or Health Problems
6766	1646			Interior Live Oak	Quercus wislizenii	11	Standard Height	0	3 Fair - Minor Problems
6767	1647			Blue Oak	Quercus douglasii	10	6	7	3 Fair - Minor Problems
6768	1649			Valley Oak	Quercus lobata	10	12	0	2 Major Structure or Health Problems
6769	1650			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
6770	1651			Interior Live Oak	Quercus wislizenii	11	18	0	2 Major Structure or Health Problems
6771	1652			Interior Live Oak	Quercus wislizenii	24	12	20	1 Extreme Structure or Health Problems
6772				Interior Live Oak	Quercus wislizenii	24	6	25	3 Fair - Minor Problems
6773	1656			Valley Oak	Quercus lobata	12	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6774	1657			Valley Oak	Quercus lobata	31	Standard Height	25	4 Good - No Apparent Problems
6775	1658			Valley Oak	Quercus lobata	8	Standard Height	7	2 Major Structure or Health Problems
6776	1659			Interior Live Oak	Quercus wislizenii	7	Standard Height	8	1 Extreme Structure or Health Problems
6777	1660			Interior Live Oak	Quercus wislizenii	7, 6	Standard Height	0	1 Extreme Structure or Health Problems
6778	1661			Interior Live Oak	Quercus wislizenii	30	6	30	3 Fair - Minor Problems
6779	1662			Valley Oak	Quercus lobata	7	Standard Height	15	2 Major Structure or Health Problems
6780				Interior Live Oak	Quercus wislizenii	8	18	7	2 Major Structure or Health Problems
6781	1663			Interior Live Oak	Quercus wislizenii	18	Standard Height	0	3 Fair - Minor Problems
6782	1673			Valley Oak	Quercus lobata	12	Standard Height	25	3 Fair - Minor Problems
6783	1673			Valley Oak	Quercus lobata	11	Standard Height	18	3 Fair - Minor Problems
6784	1674			Valley Oak	Quercus lobata	11	Standard Height	15	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6785	Na			Valley Oak	Quercus lobata	10	Standard Height	25	2 Major Structure or Health Problems
6786	1672			Valley Oak	Quercus lobata	9	Standard Height	25	2 Major Structure or Health Problems
6787	1671			Valley Oak	Quercus lobata	20	18	18	3 Fair - Minor Problems
6788	1670			Valley Oak	Quercus lobata	12	24	15	3 Fair - Minor Problems
6788	1362	Yes		Valley Oak	Quercus lobata	19	Standard Height	20	3 Fair - Minor Problems
6789	1669			Valley Oak	Quercus lobata	18	Standard Height	25	3 Fair - Minor Problems
6790	1667			Valley Oak	Quercus lobata	21	Standard Height	28	2 Major Structure or Health Problems
6791	1666			Interior Live Oak	Quercus wislizenii	21	30	28	3 Fair - Minor Problems
6792	1665			Interior Live Oak	Quercus wislizenii	9, 5	Standard Height	15	3 Fair - Minor Problems
6793	1665			Valley Oak	Quercus lobata	16	Standard Height	27	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6794	1654			Valley Oak	Quercus lobata	15	Standard Height	18	2 Major Structure or Health Problems
6795	1645			Valley Oak	Quercus lobata	14	Standard Height	0	1 Extreme Structure or Health Problems
6796	1644			Interior Live Oak	Quercus wislizenii	16	42	25	3 Fair - Minor Problems
6796	1395			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
6797	1642			Interior Live Oak	Quercus wislizenii	11	24	20	2 Major Structure or Health Problems
6798	1643			Valley Oak	Quercus lobata	6	Standard Height	0	3 Fair - Minor Problems
6799	1269	Yes		Valley Oak	Quercus lobata	10	Standard Height	17	2 Major Structure or Health Problems
6800	1268	Yes		Interior Live Oak	Quercus wislizenii	14	Standard Height	16	2 Major Structure or Health Problems
6801	1267	Yes		Interior Live Oak	Quercus wislizenii	13	24	20	2 Major Structure or Health Problems
6802	1273			Interior Live Oak	Quercus wislizenii	12, 11	Standard Height	0	1 Extreme Structure or Health Problems
6803	1271, 342	Yes		Valley Oak	Quercus lobata	12	Standard Height	20	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6804	1270	Yes		Interior Live Oak	Quercus wislizenii	12, 9	Standard Height	18	1 Extreme Structure or Health Problems
6805	1272	Yes		Interior Live Oak	Quercus wislizenii	13	Standard Height	27	1 Extreme Structure or Health Problems
6806	1274	Yes		Interior Live Oak	Quercus wislizenii	6, 6, 5	30	14	2 Major Structure or Health Problems
6807	1277	Yes		Valley Oak	Quercus lobata	12	Standard Height	20	3 Fair - Minor Problems
6808	1276	Yes		Interior Live Oak	Quercus wislizenii	10	Standard Height	15	1 Extreme Structure or Health Problems
6809	1279			Valley Oak (?)	TBD	23	6	29	2 Major Structure or Health Problems
6810	NA	Yes		Interior Live Oak	Quercus wislizenii	33	12	30	2 Major Structure or Health Problems
6811	1280			Interior Live Oak	Quercus wislizenii	7, 5	Standard Height	15	2 Major Structure or Health Problems
6812	1281			Interior Live Oak	Quercus wislizenii	29	Standard Height	32	1 Extreme Structure or Health Problems
6813	1287			Interior Live Oak	Quercus wislizenii	16, 8	Standard Height	18	1 Extreme Structure or Health Problems
6814	1286	Yes		Interior Live Oak	Quercus wislizenii	17, 13	Standard Height	24	1 Extreme Structure or Health Problems
6815	1288	Yes		Interior Live Oak	Quercus wislizenii	15	Standard Height	20	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6816	1284	Yes		Blue Oak	Quercus douglasii	11	Standard Height	19	2 Major Structure or Health Problems
6816	1289	Yes		Interior Live Oak	Quercus wislizenii	17	Standard Height	22	3 Fair - Minor Problems
6817	1285	Yes		Interior Live Oak	Quercus wislizenii	6	Standard Height	12	1 Extreme Structure or Health Problems
6818	1284	Yes		Blue Oak	Quercus douglasii	11	Standard Height	20	1 Extreme Structure or Health Problems
6819	1282	Yes		Interior Live Oak	Quercus wislizenii	40	12	35	2 Major Structure or Health Problems
6820	1283	Yes		Interior Live Oak	Quercus wislizenii	232	Standard Height	25	2 Major Structure or Health Problems
6821	1301	Yes		Valley Oak	Quercus lobata	7	Standard Height	8	2 Major Structure or Health Problems
6822	1300	Yes		Interior Live Oak	Quercus wislizenii	19	Standard Height	25	2 Major Structure or Health Problems
6823	1302	Yes		Interior Live Oak	Quercus wislizenii	28	12	28	3 Fair - Minor Problems
6824	1303	Yes		Interior Live Oak	Quercus wislizenii	12	12	16	1 Extreme Structure or Health Problems
6825	1304	Yes		Interior Live Oak	Quercus wislizenii	6	Standard Height	10	2 Major Structure or Health Problems
6826	NA	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	10	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6827	1299	Yes		Interior Live Oak	Quercus wislizenii	6	Standard Height	12	2 Major Structure or Health Problems
6828	1298	Yes		Interior Live Oak	Quercus wislizenii	12, 7	36	10	1 Extreme Structure or Health Problems
6830	1296	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	15	2 Major Structure or Health Problems
6831	1295	Yes		Interior Live Oak	Quercus wislizenii	17, 14	Standard Height	15	1 Extreme Structure or Health Problems
6832	1290	Yes		Interior Live Oak	Quercus wislizenii	25	42	30	1 Extreme Structure or Health Problems
6833	1291	Yes		Valley Oak	Quercus lobata	15, 11	Standard Height	16	2 Major Structure or Health Problems
6834	1292	Yes		Valley Oak	Quercus lobata	23, 24	Standard Height	25	1 Extreme Structure or Health Problems
6835	1293	Yes		Interior Live Oak	Quercus wislizenii	17, 7	24	0	1 Extreme Structure or Health Problems
6836	1294	Yes		Valley Oak	Quercus lobata	28	Standard Height	25	2 Major Structure or Health Problems
6837	1323	Yes		Valley Oak	Quercus lobata	7	Standard Height	10	3 Fair - Minor Problems
6838	1317	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	19	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6839	1319	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	12	2 Major Structure or Health Problems
6840	1318	Yes		Interior Live Oak	Quercus wislizenii	6	Standard Height	12	2 Major Structure or Health Problems
6841	1316	Yes		Valley Oak	Quercus lobata	7	Standard Height	12	3 Fair - Minor Problems
6842	1315	Yes		Interior Live Oak	Quercus wislizenii	8, 6	Standard Height	15	2 Major Structure or Health Problems
6843	1314	Yes		Valley Oak	Quercus lobata	7	Standard Height	12	3 Fair - Minor Problems
6844	1305	Yes		Interior Live Oak	Quercus wislizenii	11	36	17	2 Major Structure or Health Problems
6845	1307			Interior Live Oak	Quercus wislizenii	14	24	20	3 Fair - Minor Problems
6846	1308	Yes		Interior Live Oak	Quercus wislizenii	18	18	20	2 Major Structure or Health Problems
6847	1306			Interior Live Oak	Quercus wislizenii	6, 5	Standard Height	10	2 Major Structure or Health Problems
6848	1275			Interior Live Oak	Quercus wislizenii	7	Standard Height	12	3 Fair - Minor Problems
6849	1276	Yes		Interior Live Oak	Quercus wislizenii	10, 7	24	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6850	1310	Yes		Valley Oak	Quercus lobata	8	Standard Height	12	3 Fair - Minor Problems
6851	1311	Yes		Valley Oak	Quercus lobata	9	Standard Height	15	4 Good - No Apparent Problems
6852	1312	Yes		Valley Oak (?)	TBD	12	48	16	3 Fair - Minor Problems
6853	1313	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	17	3 Fair - Minor Problems
6854	1320	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	19	2 Major Structure or Health Problems
6855	1321	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	12	2 Major Structure or Health Problems
6856	1322	Yes		Valley Oak	Quercus lobata	7, 5	Standard Height	15	2 Major Structure or Health Problems
6857	1324	Yes		Valley Oak	Quercus lobata	7	Standard Height	12	4 Good - No Apparent Problems
6858	1325	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	15	2 Major Structure or Health Problems
6859	1326	Yes		Valley Oak	Quercus lobata	19	Standard Height	27	3 Fair - Minor Problems
6860	1327	Yes		Valley Oak	Quercus lobata	14	36	19	2 Major Structure or Health Problems
6861	1330	Yes		Valley Oak	Quercus lobata	7	Standard Height	14	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6862	1332	Yes		Valley Oak	Quercus lobata	9	Standard Height	18	3 Fair - Minor Problems
6863	1331			Valley Oak	Quercus lobata	8	Standard Height	16	3 Fair - Minor Problems
6864	1329			Valley Oak	Quercus lobata	8	Standard Height	16	3 Fair - Minor Problems
6865	1328			Valley Oak	Quercus lobata	11	Standard Height	19	3 Fair - Minor Problems
6866	1336	Yes		Valley Oak	Quercus lobata	9	Standard Height	16	3 Fair - Minor Problems
6867	1337	Yes		Valley Oak	Quercus lobata	8	Standard Height	17	3 Fair - Minor Problems
6868	1334	Yes		Valley Oak	Quercus lobata	13	Standard Height	24	3 Fair - Minor Problems
6869	1333	Yes		Valley Oak	Quercus lobata	11	Standard Height	20	3 Fair - Minor Problems
6870	1335			Interior Live Oak	Quercus wislizenii	10	Standard Height	20	3 Fair - Minor Problems
6871	1346	Yes		Valley Oak	Quercus lobata	11	Standard Height	18	3 Fair - Minor Problems
6872	1347	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	15	2 Major Structure or Health Problems
6873	1345	Yes		Interior Live Oak	Quercus wislizenii	15	Standard Height	29	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6874	1343	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	15	2 Major Structure or Health Problems
6875	1342	Yes		Valley Oak	Quercus lobata	13	Standard Height	25	3 Fair - Minor Problems
6876	1341	Yes		Interior Live Oak	Quercus wislizenii	17	Standard Height	0	2 Major Structure or Health Problems
6877	1338	Yes		Valley Oak	Quercus lobata	12	Standard Height	18	2 Major Structure or Health Problems
6878	1339	Yes		Valley Oak	Quercus lobata	12	Standard Height	20	3 Fair - Minor Problems
6879	1340			Interior Live Oak	Quercus wislizenii	8	Standard Height	15	2 Major Structure or Health Problems
6880	1344	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	20	3 Fair - Minor Problems
6881	1355	Yes		Valley Oak	Quercus lobata	8	Standard Height	19	3 Fair - Minor Problems
6882	1356	Yes		Interior Live Oak	Quercus wislizenii	10	Standard Height	18	2 Major Structure or Health Problems
6883	1348	Yes		Interior Live Oak	Quercus wislizenii	19	12	25	2 Major Structure or Health Problems
6884	1349	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	17	3 Fair - Minor Problems
6885	1389	Yes		Valley Oak	Quercus lobata	8	Standard Height	15	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6885	1350	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	18	1 Extreme Structure or Health Problems
6886	1351	Yes		Interior Live Oak	Quercus wislizenii	17	Standard Height	24	2 Major Structure or Health Problems
6887	1352	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	19	2 Major Structure or Health Problems
6888	1353	Yes		Valley Oak	Quercus lobata	11	Standard Height	18	3 Fair - Minor Problems
6889	1354			Interior Live Oak	Quercus wislizenii	11, 7	Standard Height	24	2 Major Structure or Health Problems
6890	1359	Yes		Valley Oak	Quercus lobata	10	Standard Height	18	2 Major Structure or Health Problems
6891	1358	Yes		Valley Oak	Quercus lobata	16	Standard Height	28	3 Fair - Minor Problems
6892	NA			Valley Oak	Quercus lobata	7	Standard Height	10	2 Major Structure or Health Problems
6893	1357			Valley Oak	Quercus lobata	16	Standard Height	24	4 Good - No Apparent Problems
6894	1360	Yes		Interior Live Oak	Quercus wislizenii	72	Standard Height	37	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6896	1379	Yes		Valley Oak	Quercus lobata	14	Standard Height	25	4 Good - No Apparent Problems
6897	1361	Yes		Valley Oak	Quercus lobata	19	36	30	2 Major Structure or Health Problems
6899	1363	Yes		Interior Live Oak	Quercus wislizenii	11, 7	Standard Height	22	2 Major Structure or Health Problems
6900	1364			Interior Live Oak	Quercus wislizenii	12	Standard Height	22	2 Major Structure or Health Problems
6901	1395	Yes		Blue Oak	Quercus douglasii	12	Standard Height	24	3 Fair - Minor Problems
6902	1366			Interior Live Oak	Quercus wislizenii	9	24	17	3 Fair - Minor Problems
6903	1367	Yes		Interior Live Oak	Quercus wislizenii	14, 7	Standard Height	22	1 Extreme Structure or Health Problems
6904	1368	Yes		Interior Live Oak	Quercus wislizenii	12, 10	Standard Height	28	1 Extreme Structure or Health Problems
6905	1369	Yes		Interior Live Oak	Quercus wislizenii	18, 17	Standard Height	30	2 Major Structure or Health Problems
6906	1370	Yes		Interior Live Oak	Quercus wislizenii	14	6	20	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6907	1371	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	17	3 Fair - Minor Problems
6908	1372			Valley Oak	Quercus lobata	10	Standard Height	16	3 Fair - Minor Problems
6909	1373			Interior Live Oak	Quercus wislizenii	7	Standard Height	15	2 Major Structure or Health Problems
6910	1374	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	17	2 Major Structure or Health Problems
6911	1375	Yes		Valley Oak	Quercus lobata	18	24	20	2 Major Structure or Health Problems
6912	1376	Yes		Valley Oak	Quercus lobata	9	Standard Height	17	3 Fair - Minor Problems
6913	1377	Yes		Valley Oak	Quercus lobata	10	Standard Height	18	3 Fair - Minor Problems
6914	1378	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	15	2 Major Structure or Health Problems
6915	NA	Yes		Interior Live Oak	Quercus wislizenii	17	Standard Height	20	1 Extreme Structure or Health Problems
6916	NA	Yes		Valley Oak	Quercus lobata	27	Standard Height	25	2 Major Structure or Health Problems
6917	1383	Yes		Interior Live Oak	Quercus wislizenii	14	18	15	1 Extreme Structure or Health Problems
6918	1382			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6919	1381	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	17	3 Fair - Minor Problems
6920	1384			Interior Live Oak	Quercus wislizenii	10	Standard Height	18	2 Major Structure or Health Problems
6921	1395	Yes		Valley Oak	Quercus lobata	9	Standard Height	18	3 Fair - Minor Problems
6922	1386	Yes		Valley Oak	Quercus lobata	7	Standard Height	16	3 Fair - Minor Problems
6923	1387			Valley Oak	Quercus lobata	11	Standard Height	22	3 Fair - Minor Problems
6924	1413			Valley Oak	Quercus lobata	9	Standard Height	18	3 Fair - Minor Problems
6925	1414			Valley Oak	Quercus lobata	8	Standard Height	19	2 Major Structure or Health Problems
6926	1415			Interior Live Oak	Quercus wislizenii	17	Standard Height	26	3 Fair - Minor Problems
6927	1388	Yes		Valley Oak	Quercus lobata	11	Standard Height	22	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6928	1389			Interior Live Oak	Quercus wislizenii	12	Standard Height	20	3 Fair - Minor Problems
6929	1390	Yes		Interior Live Oak	Quercus wislizenii	10	36	18	3 Fair - Minor Problems
6930	1391	Yes		Interior Live Oak	Quercus wislizenii	7	Standard Height	15	3 Fair - Minor Problems
6931	1392	Yes		Valley Oak	Quercus lobata	13	Standard Height	20	3 Fair - Minor Problems
6932	1403	Yes		Valley Oak (?)	TBD	19	6	25	3 Fair - Minor Problems
6933	1404	Yes		Valley Oak	Quercus lobata	14	Standard Height	25	3 Fair - Minor Problems
6934	1435			Valley Oak	Quercus lobata	14	12	22	2 Major Structure or Health Problems
6935	1405	Yes		Valley Oak	Quercus lobata	10	Standard Height	19	3 Fair - Minor Problems
6936	1406	Yes		Valley Oak	Quercus lobata	8	Standard Height	15	2 Major Structure or Health Problems
6937	1407			Valley Oak	Quercus lobata	9	Standard Height	16	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6938	1408			Valley Oak	Quercus lobata	7	Standard Height	15	2 Major Structure or Health Problems
6939	1410	Yes		Valley Oak	Quercus lobata	9	Standard Height	20	3 Fair - Minor Problems
6940	1411	Yes		Valley Oak	Quercus lobata	7	Standard Height	15	3 Fair - Minor Problems
6941	1409			Valley Oak (?)	TBD	14	6	20	2 Major Structure or Health Problems
6942	1434	Yes		Valley Oak (?)	TBD	20	6	28	2 Major Structure or Health Problems
6943	1433			Valley Oak	Quercus lobata	8	Standard Height	17	3 Fair - Minor Problems
6944	1432	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	18	3 Fair - Minor Problems
6945	1431			Interior Live Oak	Quercus wislizenii	8	Standard Height	13	2 Major Structure or Health Problems
6946	1430	Yes		Valley Oak	Quercus lobata	7	Standard Height	15	2 Major Structure or Health Problems
6947	1429	Yes		Interior Live Oak	Quercus wislizenii	12	Standard Height	20	3 Fair - Minor Problems
6948	1425	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	15	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6949	1428	Yes		Valley Oak	Quercus lobata	15	6	18	3 Fair - Minor Problems
6950	1412	Yes		Valley Oak	Quercus lobata	7	Standard Height	15	3 Fair - Minor Problems
6951	1427			Valley Oak	Quercus lobata	14	Standard Height	22	3 Fair - Minor Problems
6952	1426			Valley Oak	Quercus lobata	9	Standard Height	14	3 Fair - Minor Problems
6953	1424	Yes		Valley Oak	Quercus lobata	13	Standard Height	18	3 Fair - Minor Problems
6954	1423	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	12	2 Major Structure or Health Problems
6955	1422	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	16	3 Fair - Minor Problems
6957	1394			Valley Oak	Quercus lobata	15	Standard Height	0	4 Good - No Apparent Problems
6958	1393			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	4 Good - No Apparent Problems
6959	1396			Valley Oak	Quercus lobata	15	Standard Height	0	3 Fair - Minor Problems
6960	1397			Valley Oak	Quercus lobata	14	Standard Height	20	4 Good - No Apparent Problems
6961	1398			Valley Oak	Quercus lobata	10	Standard Height	15	4 Good - No Apparent Problems
6962	1399			Valley Oak	Quercus lobata	13	Standard Height	20	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6963	1400			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
6964	1401			Valley Oak	Quercus lobata	8	Standard Height	12	3 Fair - Minor Problems
6965	1402			Valley Oak	Quercus lobata	9, 5	Standard Height	0	4 Good - No Apparent Problems
6966	1447			Valley Oak	Quercus lobata	8	Standard Height	0	2 Major Structure or Health Problems
6967	1446			Valley Oak	Quercus lobata	8	Standard Height	0	1 Extreme Structure or Health Problems
6968	1445			Interior Live Oak	Quercus wislizenii	8, 8	Standard Height	0	1 Extreme Structure or Health Problems
6969	1444			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
6970	1442			Interior Live Oak	Quercus wislizenii	14	Standard Height	16	3 Fair - Minor Problems
6971	1441			Valley Oak	Quercus lobata	12	Standard Height	15	3 Fair - Minor Problems
6972	1440			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
6973	1439			Valley Oak	Quercus lobata	8	Standard Height	7	1 Extreme Structure or Health Problems
6974	1437			Valley Oak	Quercus lobata	7	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6975	1438			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
6976	1421			Interior Live Oak	Quercus wislizenii	14	24	20	1 Extreme Structure or Health Problems
6977	1420			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
6978	1416			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
6979	248	Yes		Valley Oak	Quercus lobata	20	Standard Height	27	3 Fair - Minor Problems
6980		Yes		Interior Live Oak	Quercus wislizenii	21	6	22	2 Major Structure or Health Problems
6981	NA	Yes		Interior Live Oak	Quercus wislizenii	10, 10	Standard Height	18	2 Major Structure or Health Problems
6982	NA	Yes	Yes	Valley Oak	Quercus lobata	14	30	20	3 Fair - Minor Problems
6983	NA	Yes		Valley Oak	Quercus lobata	7	Standard Height	10	3 Fair - Minor Problems
6984	NA	Yes		Valley Oak	Quercus lobata	10, 8	Standard Height	16	2 Major Structure or Health Problems
6985	NA	Yes	Yes	Interior Live Oak	Quercus wislizenii	10, 8	Standard Height	20	1 Extreme Structure or Health Problems
6986	NA	Yes	Yes	Interior Live Oak	Quercus wislizenii	20	24	25	2 Major Structure or Health Problems
6987	NA	Yes	Yes	Valley Oak	Quercus lobata	15	Standard Height	22	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
6988	NA	Yes		Valley Oak	Quercus lobata	19	Standard Height	27	3 Fair - Minor Problems
6989	NA	Yes		Valley Oak	Quercus lobata	10	Standard Height	15	3 Fair - Minor Problems
6990	NA	Yes		Valley Oak	Quercus lobata	11, 7	Standard Height	0	3 Fair - Minor Problems
6991	NA	Yes		Valley Oak	Quercus lobata	6	Standard Height	8	3 Fair - Minor Problems
6992	NA	Yes		Valley Oak	Quercus lobata	16	6	20	1 Extreme Structure or Health Problems
6993	NA	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	16	3 Fair - Minor Problems
6994	NA	Yes		Valley Oak	Quercus lobata	9	Standard Height	14	2 Major Structure or Health Problems
6995	NA	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	15	3 Fair - Minor Problems
6996	NA	Yes		Valley Oak	Quercus lobata	14	Standard Height	20	3 Fair - Minor Problems
6997	NA	Yes		Valley Oak	Quercus lobata	9	Standard Height	18	3 Fair - Minor Problems
6998	NA	Yes		Interior Live Oak	Quercus wislizenii	10	Standard Height	16	3 Fair - Minor Problems
6999	NA	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	14	3 Fair - Minor Problems
7000	NA	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	11	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8612	1417			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	2 Major Structure or Health Problems
8613	1416			Interior Live Oak	Quercus wislizenii	9	Standard Height	14	2 Major Structure or Health Problems
8614	323			Interior Live Oak	Quercus wislizenii	6, 8	Standard Height	0	1 Extreme Structure or Health Problems
8615	324			Valley Oak	Quercus lobata	8	Standard Height	0	2 Major Structure or Health Problems
8616	1436			Interior Live Oak	Quercus wislizenii	10	Standard Height	25	3 Fair - Minor Problems
8617	1467			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
8618	1466			Interior Live Oak	Quercus wislizenii	7	Standard Height	18	1 Extreme Structure or Health Problems
8619	1459			Interior Live Oak	Quercus wislizenii	13	36	0	1 Extreme Structure or Health Problems
8620	1458			Interior Live Oak	Quercus wislizenii	7	Standard Height	20	1 Extreme Structure or Health Problems
8621	1443			Valley Oak	Quercus lobata	9	Standard Height	0	2 Major Structure or Health Problems
8622	1456			Valley Oak	Quercus lobata	16	Standard Height	20	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8623	1455			Interior Live Oak	Quercus wislizenii	11	48	0	1 Extreme Structure or Health Problems
8624	1464			Interior Live Oak	Quercus wislizenii	14	Standard Height	0	1 Extreme Structure or Health Problems
8625				Valley Oak	Quercus lobata	9	Standard Height	0	1 Extreme Structure or Health Problems
8626	1450			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	1 Extreme Structure or Health Problems
8627	1448			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
8628	1468			Interior Live Oak	Quercus wislizenii	8, 4	Standard Height	0	1 Extreme Structure or Health Problems
8629	1469			Interior Live Oak	Quercus wislizenii	12	18	0	1 Extreme Structure or Health Problems
8630	1470			Interior Live Oak	Quercus wislizenii	9	30	18	2 Major Structure or Health Problems
8631	1471			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	3 Fair - Minor Problems
8632	1472			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
8633	1473			Interior Live Oak	Quercus wislizenii	7, 7	Standard Height	0	1 Extreme Structure or Health Problems
8634	1475			Interior Live Oak	Quercus wislizenii	6, 6	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8635	1474			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
8636	1476			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
8637	1477			Valley Oak	Quercus lobata	6	Standard Height	0	1 Extreme Structure or Health Problems
8638	1478			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	2 Major Structure or Health Problems
8639	1480			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
8640	1481			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	1 Extreme Structure or Health Problems
8641	1460			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
8642	1457			Interior Live Oak	Quercus wislizenii	18	Standard Height	24	1 Extreme Structure or Health Problems
8643	1461			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	1 Extreme Structure or Health Problems
8644	1463			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	1 Extreme Structure or Health Problems
8645	1464			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
8646	1466			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	3 Fair - Minor Problems
8646	1466			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8647	325			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	1 Extreme Structure or Health Problems
8648	326			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	2 Major Structure or Health Problems
8649	327			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems
8650	328			Blue Oak	Quercus douglasii	6	Standard Height	0	3 Fair - Minor Problems
8651	329			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems
8652	330			Interior Live Oak	Quercus wislizenii	15	Standard Height	0	2 Major Structure or Health Problems
8653	338			Valley Oak	Quercus lobata	34	Standard Height	0	2 Major Structure or Health Problems
8654	339			Interior Live Oak	Quercus wislizenii	13	Standard Height	0	2 Major Structure or Health Problems
8655	341			Valley Oak	Quercus lobata	23	Standard Height	0	3 Fair - Minor Problems
8656	342			Valley Oak	Quercus lobata	12	Standard Height	0	2 Major Structure or Health Problems
8657	343			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8658				Blue Oak	Quercus douglasii	8	Standard Height	0	1 Extreme Structure or Health Problems
8659	344			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	2 Major Structure or Health Problems
8660	346			Valley Oak	Quercus lobata	24	Standard Height	0	3 Fair - Minor Problems
8661	none			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems
8662	none			Valley Oak	Quercus lobata	7	Standard Height	0	2 Major Structure or Health Problems
8663	331			Valley Oak	Quercus lobata	7	Standard Height	0	3 Fair - Minor Problems
8664	332			Interior Live Oak	Quercus wislizenii	13	Standard Height	0	2 Major Structure or Health Problems
8665	334			Interior Live Oak	Quercus wislizenii	23	24	0	1 Extreme Structure or Health Problems
8666	333			Interior Live Oak	Quercus wislizenii	7, 8	Standard Height	0	1 Extreme Structure or Health Problems
8667	335			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems
8668	337			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	3 Fair - Minor Problems
8669	336			Interior Live Oak	Quercus wislizenii	10	Standard Height	20	3 Fair - Minor Problems
8670	351			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8671	352			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems
8672	353			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
8673	354			Interior Live Oak	Quercus wislizenii	10, 10	Standard Height	0	2 Major Structure or Health Problems
8674	355			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	3 Fair - Minor Problems
8675	356			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
8676	359			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	3 Fair - Minor Problems
8677	358			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
8678	357			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems
8679	1489			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
8680	1462			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
8681	1486			Valley Oak	Quercus lobata	8	Standard Height	0	3 Fair - Minor Problems
8682	1485			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8683	1484			Interior Live Oak	Quercus wislizenii	16	12	0	3 Fair - Minor Problems
8684	1483			Valley Oak	Quercus lobata	6	Standard Height	0	2 Major Structure or Health Problems
8685	1482			Valley Oak	Quercus lobata	7, 7	Standard Height	0	2 Major Structure or Health Problems
8686	1479			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
8687	1490			Interior Live Oak	Quercus wislizenii	10	48	0	1 Extreme Structure or Health Problems
8688	1491			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	1 Extreme Structure or Health Problems
8689	1499			Blue Oak	Quercus douglasii	16	Standard Height	0	1 Extreme Structure or Health Problems
8690	1500			Blue Oak	Quercus douglasii	9	Standard Height	0	2 Major Structure or Health Problems
8691	206			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
8692	207			Interior Live Oak	Quercus wislizenii	17	Standard Height	0	1 Extreme Structure or Health Problems
8693	none			Interior Live Oak	Quercus wislizenii	17	Standard Height	0	1 Extreme Structure or Health Problems
8694	1498			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8695	1492			Interior Live Oak	Quercus wislizenii	8	36	0	2 Major Structure or Health Problems
8696	1493			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	1 Extreme Structure or Health Problems
8697	1495			Interior Live Oak	Quercus wislizenii	16	36	0	1 Extreme Structure or Health Problems
8698	1496			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	2 Major Structure or Health Problems
8699	1487			Interior Live Oak	Quercus wislizenii	9	Standard Height	0	3 Fair - Minor Problems
8700	1488			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	2 Major Structure or Health Problems
8801	401			Interior Live Oak	Quercus wislizenii	20	Standard Height	30	3 Fair - Minor Problems
8802	402			Interior Live Oak	Quercus wislizenii	14	Standard Height	25	2 Major Structure or Health Problems
8803	414			Valley Oak (?)	TBD	13	24	0	2 Major Structure or Health Problems
8804	415			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	3 Fair - Minor Problems
8805	416			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
8806	417			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8807	418			Interior Live Oak	Quercus wislizenii	10	Standard Height	0	1 Extreme Structure or Health Problems
8808	none			Valley Oak	Quercus lobata	6	Standard Height	0	2 Major Structure or Health Problems
8809	419			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
8810	420			Interior Live Oak	Quercus wislizenii	10	Standard Height	14	3 Fair - Minor Problems
8811	421			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
8812	422			Interior Live Oak	Quercus wislizenii	7	Standard Height	8	3 Fair - Minor Problems
8813	423			Valley Oak	Quercus lobata	8	Standard Height	0	1 Extreme Structure or Health Problems
8814	411			Interior Live Oak	Quercus wislizenii	12	Standard Height	0	2 Major Structure or Health Problems
8815	410			Valley Oak	Quercus lobata	28, 18	Standard Height	0	3 Fair - Minor Problems
8816	425			Interior Live Oak	Quercus wislizenii	11	18	15	2 Major Structure or Health Problems
8817	424			Valley Oak	Quercus lobata	9	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8818	426			Valley Oak	Quercus lobata	34	18	0	2 Major Structure or Health Problems
8819	427			Interior Live Oak	Quercus wislizenii	9	Standard Height	15	2 Major Structure or Health Problems
8820	428			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
8821	454			Valley Oak	Quercus lobata	9	Standard Height	12	3 Fair - Minor Problems
8822	none			Valley Oak	Quercus lobata	6	Standard Height	0	2 Major Structure or Health Problems
8823	none			Valley Oak	Quercus lobata	6	Standard Height	8	3 Fair - Minor Problems
8824	429			Interior Live Oak	Quercus wislizenii	10	Standard Height	20	1 Extreme Structure or Health Problems
8825	430			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	2 Major Structure or Health Problems
8826	431			Interior Live Oak	Quercus wislizenii	5, 5, 7	Standard Height	0	2 Major Structure or Health Problems
8827				Interior Live Oak	Quercus wislizenii	6, 3	Standard Height	8	1 Extreme Structure or Health Problems
8828	432			Interior Live Oak	Quercus wislizenii	9	Standard Height	18	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8829	433			Valley Oak	Quercus lobata	16	Standard Height	0	1 Extreme Structure or Health Problems
8830	434			Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
8831	436			Interior Live Oak	Quercus wislizenii	8	Standard Height	0	1 Extreme Structure or Health Problems
8832	435			Valley Oak	Quercus lobata	40	12	0	3 Fair - Minor Problems
8833	437			Interior Live Oak	Quercus wislizenii	8, 8	Standard Height	0	1 Extreme Structure or Health Problems
8834	438			Interior Live Oak	Quercus wislizenii	14	24	0	3 Fair - Minor Problems
8835	439			Interior Live Oak	Quercus wislizenii	11	18	0	1 Extreme Structure or Health Problems
8836				Interior Live Oak	Quercus wislizenii	12	36	0	2 Major Structure or Health Problems
8837	441			Valley Oak	Quercus lobata	24	24	0	2 Major Structure or Health Problems
8838	440			Valley Oak	Quercus lobata	30	Standard Height	30	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8839	442			Interior Live Oak	Quercus wislizenii	9	36	0	2 Major Structure or Health Problems
8840	413			Valley Oak	Quercus lobata	11	Standard Height	12	3 Fair - Minor Problems
8841				Interior Live Oak	Quercus wislizenii	7, 7	Standard Height	0	1 Extreme Structure or Health Problems
8842				Valley Oak	Quercus lobata	7	Standard Height	12	2 Major Structure or Health Problems
8843				Valley Oak	Quercus lobata	10	Standard Height	16	3 Fair - Minor Problems
8844				Interior Live Oak	Quercus wislizenii	7	Standard Height	0	1 Extreme Structure or Health Problems
8845				Valley Oak	Quercus lobata	7	Standard Height	0	2 Major Structure or Health Problems
8846				Valley Oak	Quercus lobata	11	Standard Height	0	2 Major Structure or Health Problems
8847				Valley Oak	Quercus lobata	11	Standard Height	0	3 Fair - Minor Problems
8848				Valley Oak	Quercus lobata	11	Standard Height	20	2 Major Structure or Health Problems
8849				Valley Oak	Quercus lobata	9	Standard Height	12	2 Major Structure or Health Problems
8850				Valley Oak	Quercus lobata	8	Standard Height	8	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8851				Valley Oak	Quercus lobata	7	Standard Height	7	3 Fair - Minor Problems
8852				Valley Oak	Quercus lobata	7	Standard Height	0	2 Major Structure or Health Problems
8853				Valley Oak	Quercus lobata	13	Standard Height	15	3 Fair - Minor Problems
8854				Valley Oak	Quercus lobata	12	Standard Height	15	3 Fair - Minor Problems
8855	458			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
8856	459			Valley Oak	Quercus lobata	6, 5	Standard Height	0	2 Major Structure or Health Problems
8857	460			Valley Oak	Quercus lobata		Standard Height	0	3 Fair - Minor Problems
8858	462			Valley Oak	Quercus lobata	14	36	0	3 Fair - Minor Problems
8859	464			Valley Oak	Quercus lobata	8	Standard Height	8	2 Major Structure or Health Problems
8860	465			Valley Oak	Quercus lobata	7	Standard Height	5	2 Major Structure or Health Problems
8861	463			Valley Oak	Quercus lobata	9	Standard Height	0	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8862	457			Valley Oak	Quercus lobata	13	Standard Height	0	3 Fair - Minor Problems
8863	456			Blue Oak	Quercus douglasii	10	Standard Height	0	1 Extreme Structure or Health Problems
8864	455			Valley Oak	Quercus lobata	10	Standard Height	0	3 Fair - Minor Problems
8865	473			Blue Oak	Quercus douglasii	6	Standard Height	5	2 Major Structure or Health Problems
8866	466			Valley Oak	Quercus lobata	10	18	8	2 Major Structure or Health Problems
8867	467			Valley Oak	Quercus lobata	12	Standard Height	0	3 Fair - Minor Problems
8868	468			Interior Live Oak	Quercus wislizenii	30	12	0	2 Major Structure or Health Problems
8869	469			Blue Oak	Quercus douglasii	6	Standard Height	12	2 Major Structure or Health Problems
8870	NA	Yes		Valley Oak	Quercus lobata	15	Standard Height	25	3 Fair - Minor Problems
8871	453	Yes		Interior Live Oak	Quercus wislizenii	6	Standard Height	12	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8872	446	Yes		Valley Oak	Quercus lobata	10	Standard Height	20	3 Fair - Minor Problems
8873	447	Yes		Valley Oak	Quercus lobata	10, 8	Standard Height	23	2 Major Structure or Health Problems
8874	NA	Yes		Interior Live Oak	Quercus wislizenii	8	Standard Height	15	2 Major Structure or Health Problems
8875	NA	Yes		Valley Oak	Quercus lobata	9,7	Standard Height	20	2 Major Structure or Health Problems
8876	NA	Yes		Interior Live Oak	Quercus wislizenii	9,7	Standard Height	16	2 Major Structure or Health Problems
8877	445	Yes		Interior Live Oak	Quercus wislizenii	17	Standard Height	22	2 Major Structure or Health Problems
8878	444	Yes		Interior Live Oak	Quercus wislizenii	9	Standard Height	18	2 Major Structure or Health Problems
8879	448	Yes		Valley Oak	Quercus lobata	10	24	15	2 Major Structure or Health Problems
8880	449	Yes		Valley Oak	Quercus lobata	6, 5	Standard Height	15	2 Major Structure or Health Problems
8881	450	Yes		Valley Oak	Quercus lobata	7	Standard Height	14	3 Fair - Minor Problems
8882	451	Yes		Valley Oak	Quercus lobata	22	12	30	3 Fair - Minor Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
8883	452	Yes		Interior Live Oak	Quercus wislizenii	24	Standard Height	26	1 Extreme Structure or Health Problems
8884	471	Yes		Valley Oak	Quercus lobata	7	Standard Height	14	3 Fair - Minor Problems
8885	470	Yes		Interior Live Oak	Quercus wislizenii	11	Standard Height	22	3 Fair - Minor Problems
No field tag	NA	Yes		Valley Oak	Quercus lobata	6	Standard Height	9	2 Major Structure or Health Problems
No field tag, offsite		Yes	Yes	Interior Live Oak	Quercus wislizenii	36	18	0	3 Fair - Minor Problems
No field tag, offsite				Interior Live Oak	Quercus wislizenii	8	12	0	2 Major Structure or Health Problems
No field tag, offsite				Valley Oak (?)	TBD	18	Standard Height	0	3 Fair - Minor Problems
No field tag, offsite	not visible,		Yes	Valley Oak (?)	TBD	20	Standard Height	0	3 Fair - Minor Problems
No field tag, offsite	1962	Yes	Yes	Valley Oak	Quercus lobata	28	Standard Height	0	3 Fair - Minor Problems
No field tag, offsite	1766			Interior Live Oak	Quercus wislizenii	13, 7	Standard Height	0	2 Major Structure or Health Problems

Field Tag #	Old Tag #	Protected by Code	Offsite	Species Common Name	Species Botanical Name	DBH	Measured at	Measured Canopy radius	Arborist Rating
No field tag, offsite		Yes	Yes	Interior Live Oak	Quercus wislizenii	23	Standard Height	0	3 Fair - Minor Problems
	Na			Valley Oak (?)	TBD	6	Standard Height	0	0 Dead

APPENDIX 3
GENERAL DEVELOPMENT GUIDELINES

Definitions

Root zone: The roots of trees grow fairly close to the surface of the soil, and spread out in a radial direction from the trunk of tree. A general rule of thumb is that they spread 2 to 3 times the radius of the canopy, or 1 to 1 ½ times the height of the tree. It is generally accepted that disturbance to root zones should be kept as far as possible from the trunk of a tree.

Inner Bark: The bark on most large trees is quite thick, usually 1" to 2". If the bark is knocked off a tree, the inner bark, or cambial region, is exposed and/or removed. The cambial zone is the area where tissues responsible for adding new layers to the tree each year are located. Removing or damaging this tissue results in a tree that can only grow new tissue from the edges of the wound. In addition, the interior wood of the tree is exposed to decay fungi and becomes susceptible to decay. Tree protection measures require that no activities occur which can knock the bark off the trees.

Methods Used in Tree Protection:

No matter how detailed Tree Protection Measures are in the initial Arborist Report, they will not accomplish their stated purpose unless they are applied correctly and a Project Arborist oversees the construction. The Project Arborist should have the ability to enforce the Protection Measures. It is advisable for the Project Arborist to be present at the Pre-Construction meeting to answer questions the contractors may have about Tree Protection Measures. This also lets the contractors know how important tree preservation is to the developer.

Root Protection Zone (RPZ): Since in most construction projects it is not possible to protect the entire root zone of a tree, a Root Protection Zone is established for each tree to be preserved. The minimum Root Protection Zone is the area calculated as 1 to 1.25' for every inch of trunk diameter (ie. A 10" diameter tree will have an RPZ of 10') or the dripline, whichever is greater. The Project Arborist must approve work within the RPZ.

Irrigate, Fertilize, Mulch: Prior to grading on the site near any tree, if specified by the project arborist, the area within the Tree Protection fence should be fertilized with 4 pounds of nitrogen per 1000 square feet, and the fertilizer irrigated in. The irrigation should percolate at least 24 inches into the soil. This should be done no less than 2 weeks prior to grading or other root disturbing activities. After irrigating, cover the RPZ with at least 12" of leaf and twig mulch. Such mulch can be obtained from chipping or grinding the limbs of any trees removed on the site. Acceptable mulches can be obtained from nurseries or other commercial sources. Fibrous or shredded redwood or cedar bark mulch shall not be used anywhere on site.

Fence: Fence around the Root Protection Zone and restrict activity therein to prevent soil compaction by vehicles, foot traffic or material storage. The fenced area shall be off limits to all construction equipment, unless there is express written notification provided by the Project Arborist, and impacts are discussed and mitigated prior to work commencing.

No storage or cleaning of equipment or materials, or parking of any equipment can take place within the fenced off area, known as the RPZ.

The fence should be highly visible, and stout enough to keep vehicles and other equipment out. I recommend the fence be made of orange plastic protective fencing, kept in place by t-posts set no farther apart than 6'.

In areas of intense impact, a 6' chain link fence is preferred.

In areas with many trees, the RPZ can be fenced as one unit, rather than separately for each tree.

Where tree trunks are within 3' of the construction area, place 2" by 4" boards vertically against the tree trunks, even if fenced off. Hold the boards in place with wire. Do not nail them directly to the tree. The purpose of the boards is to protect the trunk, should any equipment stray into the RPZ.

Elevate Foliage: Where indicated, remove lower foliage from a tree to prevent limb breakage by equipment. Low foliage can usually be removed without harming the tree, unless more than 25% of the foliage is removed. Branches need to be removed at the anatomically correct location in order to prevent decay organisms from entering the trunk. For this reason, a contractor who is an ISA Certified Arborist should perform all pruning on protected trees.[1]

Expose and Cut Roots: Breaking roots with a backhoe, or crushing them with a grader, causes significant injury, which may subject the roots to decay. Ripping roots may cause them to splinter toward the base of the tree, creating much more injury than a clean cut would make. At any location where the root zone of a tree will be impacted by a trench or a cut (including a cut required for a fill and compaction), the roots shall be exposed with either a backhoe digging radially to the trunk, by hand digging, or by a hydraulic air spade, and then cut cleanly with a sharp instrument, such as chainsaw with a carbide chain. Once the roots are severed, the area behind the cut should be moistened and mulched. A root protection fence should also be erected to protect the remaining roots, if it is not already in place. Further grading or backhoe work required outside the established RPZ can then continue without further protection measures.

Protect Roots in Deeper Trenches: The location of utilities on the site can be very detrimental to trees. Design the project to use as few trenches as possible, and to keep them away from the major trees to be protected. Wherever possible, in areas where trenches will be very deep, consider boring under the roots of the trees, rather than digging the trench through the roots. This technique can be quite useful for utility trenches and pipelines.

Protect Roots in Small Trenches: After all construction is complete on a site, it is not unusual for the landscape contractor to come in and sever a large number of "preserved" roots during the installation of irrigation systems. The Project Arborist must therefore approve the landscape and irrigation plans. The irrigation system needs to be designed so the main lines are located outside the root zone of major trees, and the secondary lines are either laid on the surface (drip systems), or carefully dug with a hydraulic or air spade, and the flexible pipe fed underneath the major roots.

[1] International Society of Arboriculture (ISA), maintains a program of Certifying individuals. Each Certified Arborist has a number and must maintain continuing education credits to remain Certified.

Design the irrigation system so it can slowly apply water (no more than ¼" to ½" of water per hour) over a longer period of time. This allows deep soaking of root zones. The system also needs to accommodate infrequent irrigation settings of once or twice a month, rather than several times a week.

Monitoring Tree Health During and After Construction: The Project Arborist should visit the site at least twice a month during construction to be certain the tree protection measures are being followed, to monitor the health of impacted trees, and make recommendations as to irrigation or other needs. After construction is complete, the arborist should monitor the site monthly for one year and make recommendations for care where needed.

Chemical Treatments: The owner or developer shall be responsible to contact an arborist with a pesticide applicators license to arrange for an application of a root enhancing hormone, such as Paclobutrazol, to mitigate the stress produced by the development **prior to grading**. Additionally, at the discretion of the project arborist, an insect infestation preventative for both boring insects and leaf feeding insects and/or fungal preventative for leaf surfaces may be required. Roots pruned during the course of performing a cut may be required to be treated with a biofungicide such as Bio-Tam.

APPENDIX 4 – SITE PHOTOS