

**Appendix B**  
**Arborist Report**

# ARBORIST REPORT

September 22, 2022  
6215.00

## PROJECT

1655 Lincoln Avenue  
San Jose, CA

## PREPARED FOR

John Vidovich

## PREPARED BY

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## INTRODUCTION AND OVERVIEW

HMH was contracted to prepare an arborist report for a residential lot with two existing structures, a single unit house and detached garage located at 1655 Lincoln Avenue in San Jose. The existing home occupies only a small fenced in portion of the site, on the side facing Lincoln Ave. The rest of the area unpaved and vacant, with access through the side easement. The property is bordered by residential units on all sides. The total site area is approximately 1 acre. Our scope of services includes locating, measuring DBH, assessing, and photographing the condition for trees located within the limit of work illustrated on Exhibit A. Disposition and health recommendations are based on current site conditions. Site development/design may affect the preservation suitability.

## METHODOLOGY

Our tree survey work is a deliberate and systematic methodology for cataloging trees on site:

1. Identify each tree species.
2. Note each tree's location on a site map.
3. Measure each trunk circumference at 4.5' above grade per ISA standards.
4. Evaluate the health and structure of each tree using the following numerical standard:
  - 5 - A healthy, vigorous tree, reasonably free of disease, with good structure and form typical of the species.*
  - 4 - A tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.*
  - 3 - A tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that may that might be mitigated with care.*
  - 2 - A tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.*
  - 1 - A tree in severe decline, dieback of scaffold branches and or trunk, mostly epicormic growth; extensive structural defects that cannot be abated.*
  - 0 - Tree is dead.*

## SUMMARY OF FINDINGS

HMH conducted a tree inventory of 41 trees located within the limit of work outlined in Exhibit A. **Twenty six (26)** of the trees inventoried are classified as ordinance-sized trees under the City of San Jose Tree Removal permit.

An ordinance-size tree is:

Single Trunk - 38 inches or more in circumference at 4 ½ feet above ground; or

Multi-trunk - The combined measurements of each trunk circumference (at 4 ½ feet above ground) add up to 38 inches or more.

Table 1 - Tree Quantity Summary summarizes tree quantities by both species and size. Each species that was inventoried as part of this scope is included. This is a useful tool for analyzing the mixture of trees as part of the project. The size table is useful when calculating mitigation requirements in the case of tree removal as well as aiding in determining tree maturity.

Table 2 - Tree Evaluation Summary lists each tree number, botanical name, common name, DBH, circumference, ordinance trees, health rating, preservation suitability, general notes and observations and recommendations.



See Exhibit A for Existing Tree Locations

See Table 1 for Tree Quantity Summary by species and size.

See Table 2 for Tree Evaluation Summary for sizes, notes and recommendations regarding each tree.

## GENERAL OBSERVATIONS AND RECOMMENDATIONS

**Species:** *Acacia melanoxylon* (Blackwood Acacia)

**Quantity:** 2

**Observations / Recommendations:**

Two Blackwood Acacias were observed on site, one of which was ordinance size (Tree 17), the other is a small seedling (Tree 16). This species is considered an unsuitable tree due to its' invasive nature, therefore trees of this species that are over 38" in circumference are not protected and have a reduced replacement ratio of 1:1.

**Species:** *Ailanthus altissima* (Tree of Heaven)

**Quantity:** 4

**Observations / Recommendations:**

There were four large Tree of Heavens on site, all located towards the front of the property line near Lincoln Avenue. This is another unsuitable species that has separate mitigation requirements. This is also a highly invasive species that spreads rapidly due to its heavy seed production, fast growth habits, and adaptability to the climate in San Jose.

**Species:** *Citrus Sp.* (Citrus Tree)

**Quantity:** 1

**Observations / Recommendations:**

One small unidentified citrus species was observed growing in the Northeast corner of the existing property, planted where the house and fence meet. This tree is heavily shaded by the surrounding tree canopies. This tree was not large enough to be classified as an ordinance tree.

**Species:** *Eucalyptus sp.* (Eucalyptus)

**Quantity:** 1

**Observations / Recommendations:**

A single medium sized Eucalyptus was found planted in the patio of the existing property. Eucalyptus is on San Jose's list of unsuitable species and therefore this tree can be classified as an unsuitable tree. This tree was fairly young although it was already of significant size.

**Species:** *Ilex aquifolium* (Holly)

**Quantity:** 1

**Observations / Recommendations:**

One Holly was observed in the front yard of the existing property. This plant has been pruned to have more of a tree form than what is typical of the species.

**Species:** *Juglans hindsii* (California Walnut)

**Quantity:** 5

**Observations / Recommendations:**

A few California Walnut's were observed along the edges of the lot lines. Some of these ranged from large multi trunk trees to sprawling, low growing, masses of branches and leaves. Tree 011 was an interesting specimen which appeared to have been hacked to the ground at some point and has since regenerated with an explosion of growth so that it now resembles a very large shrub. All of these trees were likely "volunteers" that were not intentionally planted but instead grew from seeds deposited by animals. This is a native species and has higher mitigation ratios for different size trees.

**Species:** *Juglans regia* (English Walnut)

**Quantity:** 1

**Observations / Recommendations:**

One English Walnut was located towards the back of the property. This tree was almost completely engulfed by Algerian Ivy, to the point that it was almost unrecognizable. This species, unlike the California Walnut, is the one people associate with the commercially available walnuts. This tree along with the Almond trees were probably planted with the intention of food production.

**Species:** *Ligustrum lucidum* (Glossy Privet)

**Quantity:** 11

**Observations / Recommendations:**

This was the most numerous species observed on site. All were planted along the outer perimeter of the property. This is a species typically used as a hedge, but will revert to a tree form if left unpruned. These trees appear as if they were planted and maintained as a hedge for some time with the exception of Tree 1 which is a large, single trunk street tree planted in a sidewalk tree well.

**Species:** *Ligustrum ovalifolium* (Garden Privet)

**Quantity:** 2

**Observations / Recommendations:**

There were two of the *ovalifolium* species of privet growing in a similar manner to the majority of the *Ligustrum lucidum*.

**Species:** *Magnolia grandiflora* (Southern Magnolia)

**Quantity:** 1

**Observations / Recommendations:**

One medium size Southern Magnolia was found on site, planted in the front yard along Lincoln Avenue. This tree appears to be well established. It is also an ordinance tree. Supplemental irrigation is suggested for this individual.

**Species:** *Olea Europaea* (Olive tree)

**Quantity:** 1

**Observations / Recommendations:**

A large sprawling Olive tree was observed growing in the center of the property within the vacant portion of the site. This tree had numerous leaders growing from a central base at ground level. This tree was likely cut to the ground multiple times, and this dense growth is a result of that maintenance practice. If allowed to grow these leaders would likely fuse at some point and form a very large and interesting single trunk.

**Species:** *Pittoporum tobira* (Japanese cheesewood)

**Quantity:** 1

**Observations / Recommendations:**

One Pittoporum tobira was observed growing along the southern property line within the rear yard of the existing residence. This tree had some serious exposed heartwood likely a result of mechanical damage from a vehicle. There was also minor structural defects.

**Species:** *Prunus cerasifera* (Purple leaf plum)

**Quantity:** 1

**Observations / Recommendations:**

There is a single purple leaf plum planted along the southern edge of the property. The tree is crowded by an adjacent mature Coast Live Oak (Tree 21) and a dead Almond Tree (Tree 23). This tree is in poor condition and is not an ordinance tree.

**Species:** *Prunus dulcis* (Almond)

**Quantity:** 6

**Observations / Recommendations:**

There are six Almond Trees planted in various locations throughout the vacant portion of the property. Trees 23 and 26 are both dead. Others are in poor condition. Almonds need supplemental irrigation throughout the summer to thrive.

**Species:** *Quercus agrifolia* (Coast live oak)

**Quantity:** 3

**Observations / Recommendations:**

There were three trees counted within the project limit. Two are large mature trees (Trees 24 and 21). Tree 19 is a small sapling growing underneath Tree 18. Coast Live Oak is a native species and therefore has higher mitigation ratios respective of size. All of the trees including the young sapling are in very good condition.

## RECOMMENDATIONS FOR TREE PROTECTION DURING CONSTRUCTION

**Site preparation:** All existing trees shall be fenced within or at the drip line (foliar spread) of the tree. Depending on the location of the tree the fencing may not be able to be at the dripline. Examples of this would be public right of way, near property lines or around existing structures to remain. Where complete drip line fencing is not possible, the addition of straw waddles and orange snow fencing wrapping the trunk shall be installed per the tree protection detail. The fence should be a minimum of six feet high, made of galvanized 11-gauge wire mesh with galvanized posts or any material superior in quality. A tree protection zone (TPZ) sign shall be affixed to fencing at appropriate intervals as determined by the arborist on site. See tree protection detail for additional information, including tree protection zone sign. If the fence is within the drip line of the trees, the foliar fringe shall be raised to offset the chance of limb damage from active construction.

**Active Construction:** All contractors, subcontractors and other personnel shall be warned that encroachment within the fenced area and dripline is prohibited without the consent of the certified arborist on the job. This includes, but is not limited to, storage of lumber and other materials, disposal of paints, solvents or other noxious materials, parked cars, grading equipment or other heavy equipment. If construction activity needs to happen in the TPZ the fence can be moved temporarily for delivery of construction materials. The contractor should make accommodations to off load items such as trusses, timber, plasterboard, wallboard, concrete, gypsum board, flooring, roofing or any other heavy construction material outside the foliar spread of the tree so there is no heavy equipment needed that could cause damage to the canopy of the tree or compact the root zone. The tree protection fencing should be reestablished per the plans and details immediately after any activity through the TPZ. Penalties, based on the cost of remedial repairs and the evaluation guide published by the international society of arboriculture, shall be assessed for damages to the trees.

**Grading/excavating:** All grading plans that specify grading within the drip line of any tree, or within the distance from the trunk as outlined in the site preparation section above when said distance is outside the drip line, shall first be reviewed by a certified arborist. Provisions for aeration, drainage, pruning, tunneling beneath roots, root pruning or other necessary actions to protect the trees shall be outlined by an arborist. If trenching is necessary within the area as described above, said trenching shall be undertaken by hand labor and dug directly beneath the trunk of the tree. All roots 2 inches or larger shall be tunneled under and other roots shall be cut smoothly to the trunk side of the trench. The trunk side should be draped immediately with two layers of untreated burlap to a depth of 3 feet from the surface. The burlap shall be soaked nightly and left in place until the trench is back filled to the original level. An arborist shall examine the trench prior to back filling to ascertain the number and size of roots cut, so as to suggest the necessary remedial repairs.

**Remedial repairs:** An arborist shall have the responsibility of observing all ongoing activities that may affect the trees and prescribing necessary remedial work to ensure the health and stability of the trees. This includes, but is not limited to, all arborist activities brought out in the previous sections. In addition, pruning, as outlined in the "pruning standards" of the western chapter of the International Society of Arboriculture, shall be prescribed as necessary. Fertilizing, aeration, irrigation, pest control and other activities shall be prescribed according to the tree needs, local site requirements, and state agricultural pest control laws. All specifications shall be in writing. For pest control operations, consult the local county agricultural commissioner's office for individuals licensed as pest control advisors or pest control operators.

**Final inspection:** Upon completion of the project, the arborist shall review all work undertaken that may impact the existing trees. Special attention shall be given to cuts and fills, compacting, drainage, pruning and future remedial work. An arborist should submit a final report in writing outlining the ongoing remedial care following the final inspection.

## **MAINTENANCE RECOMMENDATIONS FOR TREES TO REMAIN**

Regular maintenance, designed to promote plant health and vigor, ensures longevity of existing trees. Regular inspections and the necessary follow-up care of mulching, fertilizing, and pruning, can detect problems and correct them before they become damaging or fatal.

**Tree Inspection:** Regular inspections of mature trees at least once a year can prevent or reduce the severity of future disease, insect, and environmental problems. During tree inspection, four characteristics of tree vigor should be examined: new leaves or buds, leaf size, twig growth, and absence of crown dieback (gradual death of the upper part of the tree). A reduction in the extension of shoots (new growing parts), such as buds or new leaves, is a fairly reliable cue that the tree's health has recently changed. Growth of the shoots over the past three years may be compared to determine whether there is a reduction in the tree's typical growth pattern. Further signs of poor tree health are trunk decay, crown dieback, or both. These symptoms often indicate problems that began several years before. Loose bark or deformed growths, such as trunk conks (mushrooms), are common signs of stem decay. Any abnormalities found during these inspections, including insect activity and spotted, deformed, discolored, or dead leaves and twigs, should be noted and observed closely.

**Mulching:** Mulch, or decomposed organic material, placed over the root zone of a tree reduces environmental stress by providing a root environment that is cooler and contains more moisture than the surrounding soil. Mulch can also prevent mechanical damage by keeping machines such as lawn mowers and string trimmers away from the tree's base. Furthermore, mulch reduces competition from surrounding weeds and turf. To be most effective, mulch should be placed 2 to 4 inches deep and cover the entire root system, which may be as far as 2 or 3 times the diameter of the branch spread of the tree. If the area and activities happening around the tree do not permit the entire area to be mulched, it is recommended that as much of the area under the drip line of the tree is mulched as possible. When placing mulch, care should be taken not to cover the actual trunk of the tree. This mulch-free area, 1 to 2 inches wide at the base, is sufficient to avoid moist bark conditions and prevent trunk decay. An organic mulch layer 2 to 4 inches deep of loosely packed shredded leaves, pine straw, peat moss, or composted wood chips is adequate. Plastic should not be used as it interferes with the exchange of gases between soil and air, which inhibits root growth. Thicker mulch layers, 5 to 6 inches deep or greater, may also inhibit gas exchange.

**Fertilization:** Trees require certain nutrients (essential elements) to function and grow. Urban landscape trees may be growing in soils that do not contain sufficient available nutrients for satisfactory growth and development. In certain situations, it may be necessary to fertilize to improve plant vigor. Fertilizing a tree can improve growth; however, if fertilizer is not applied wisely, it may not benefit the tree at all and may even adversely affect the tree. Mature trees making satisfactory growth may not require fertilization. When considering supplemental fertilizer, it is important to consider nutrients deficiencies and how and when to amend the deficiencies. Soil conditions, especially pH and organic matter content, vary greatly, making the proper selection and use of fertilizer a somewhat complex process. To that end, it is recommended that the soil be tested for nutrient content. A soil testing laboratory can give advice on application rates, timing, and the best blend of fertilizer for each tree and other landscape plants on site. Mature trees have expansive root systems that extend from 2 to 3 times the size of the leaf

canopy. A major portion of actively growing roots is located outside the tree's drip line. Understanding the actual size and extent of a tree's root system before applying fertilizer is paramount to determine quantity, type and rate at which to best apply fertilizer. Always follow manufacturer recommendations for use and application.

**Pruning:** Pruning is often desirable or necessary to remove dead, diseased, or insect-infested branches and to improve tree structure, enhance vigor, or maintain safety. Because each cut has the potential to change the growth of (or cause damage to) a tree, no branch should be removed without reason. Removing foliage from a tree has two distinct effects on growth: (1) it reduces photosynthesis and, (2) it may reduce overall growth. Pruning should always be performed sparingly. Caution must be taken not to over-prune as a tree may not be able to gather and process enough sunlight to survive. Pruning mature trees may require special equipment, training, and experience. Licensed and insured tree maintenance companies are equipped to provide a variety of services to assist in performing the job safely and reducing risk of personal injury and property damage and should be consulted for this type of work. (See also *ANSI A300 Part 1 Pruning Standards*- <https://www.tcia.org>).

**Planting and Irrigation:** Any new planting and irrigation that is to occur under the drip line of an existing tree should be conducted with care to avoid the root system. Generally installation of an irrigation mainline should be avoided under the dripline of the existing tree. Refer to the Grading/Excavating section for installation of any irrigation lines to be installed under the drip line of an existing tree. Any new planting should match the water use of the existing tree (as defined by WUCOLS). The irrigation hydro zone for the new planting should also match the requirements of the existing tree.

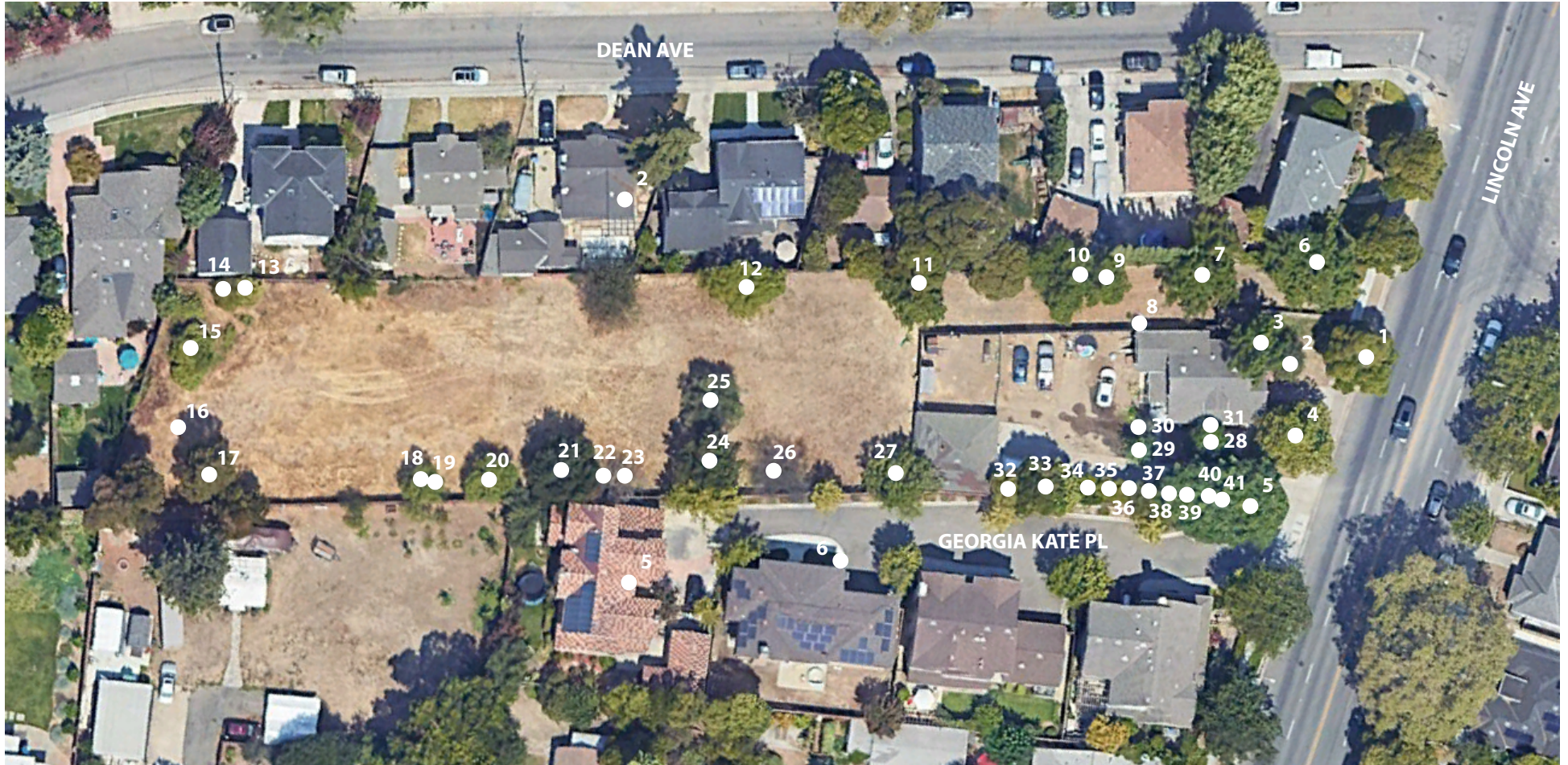
**Removal:** There are circumstances when removal is necessary. An arborist can help decide whether or not a tree should be removed. Professionally trained arborists have the skills and equipment to safely and efficiently remove trees. Removal is recommended when a tree: (1) is dead, dying, or considered irreparably hazardous; (2) is causing an obstruction or is crowding and causing harm to other trees and the situation is impossible to correct through pruning; (3) is to be replaced by a more suitable specimen, and; (4) should be removed to allow for construction. Pruning or removing trees, especially large trees, can be dangerous work. It should be performed only by those trained and equipped to work safely in trees.

## TERMS AND CONDITIONS

The following terms and conditions apply to all oral and written reports and correspondence pertaining to consultations, inspections and activities of HMM.

1. The scope of any report or other correspondence is limited to the trees and conditions specifically mentioned in those reports and correspondence. HMM assumes no liability for the failure of trees or parts of trees, either inspected or otherwise. HMM assumes no responsibility to report on the condition of any tree or landscape feature not specifically requested by the named client.
2. No tree described in this report was climbed, unless otherwise stated. HMM does not take responsibility for any defects, which could have only been discovered by climbing. A full root collar inspection, consisting of excavating the soil around the tree to uncover the root collar and major buttress roots was not performed unless otherwise stated. HMM does not take responsibility for any root defects, which could only have been discovered by such an inspection.
3. HMM shall not be required to provide further documentation, give testimony, be deposed, or attend court by reason of this appraisal or report unless subsequent contractual arrangements are made, including payment of additional fees for such services as described by HMM or in the schedule of fees or contract.
4. HMM guarantees no warranty, either expressed or implied, as to the suitability of the information contained in the reports for any reason. It is the responsibility of the client to determine applicability to his/her case.
5. Any report and the values, observations and recommendations expressed therein represent the professional opinion of HMM, and the fee for services is in no manner contingent upon the reporting of a specified value nor upon any particular finding to be reported.
6. Any photographs, diagrams, graphs, sketches or other graphic material included in any report, being intended solely as visual aids, are not necessarily to scale and should not be construed as engineering reports or surveys, unless otherwise noted in the report. Any reproductions of graphic material or the work produced by other persons, is intended solely for clarification and ease of reference. Inclusion of said information does not constitute a representation by HMM as to the sufficiency or accuracy of that information.
7. Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risk associated with trees is to eliminate all trees.







## TABLE 1 - TREE QUANTITY SUMMARY

Tree Quantity by Species		
Species	Quantity	% of Site
Acacia melanoxylon	2	5%
Ailanthus altissima	4	10%
Citrus sp.	1	2%
Eucalyptus sp.	1	2%
Ilex aquifolium	1	2%
Juglans hindsii	5	12%
Juglans regia	1	2%
Ligustrum lucidum	11	27%
Ligustrum ovalifolium	2	5%
Magnolia grandiflora	1	2%
Olea europaea	1	2%
Pittosporum tobira	1	2%
Prunus cerasifera	1	2%
Prunus dulcis	6	15%
Quercus agrifolia	3	7%
<b>Total Trees</b>	<b>41</b>	<b>100%</b>

Tree Quantity by Size	
Circumference	Quantity
<19"	4
19"-38"	11
38" +	26
<b>Total</b>	<b>41</b>

## TABLE 2 - TREE EVALUATION SUMMARY

Prepared By: William Sowa ISA Certified Arborist WE-12270A

**DBH MEASUREMENT HEIGHT: 54"**

Date of Evaluation: 9/14/2022

### Suitability for Preservation is based on the following

Good - Trees with good health and structural stability that have the potential for longevity at the site.

Moderate - Trees in somewhat declining health and/or exhibits structural defects that cannot be abated with treatment. Trees will require more intense management and will have a shorter lifespan than those in the 'Good' category.

Poor - Trees in poor health or with significant structural defects that cannot be mitigated. Tree is expected to decline, regardless of treatment.

### Health Rating

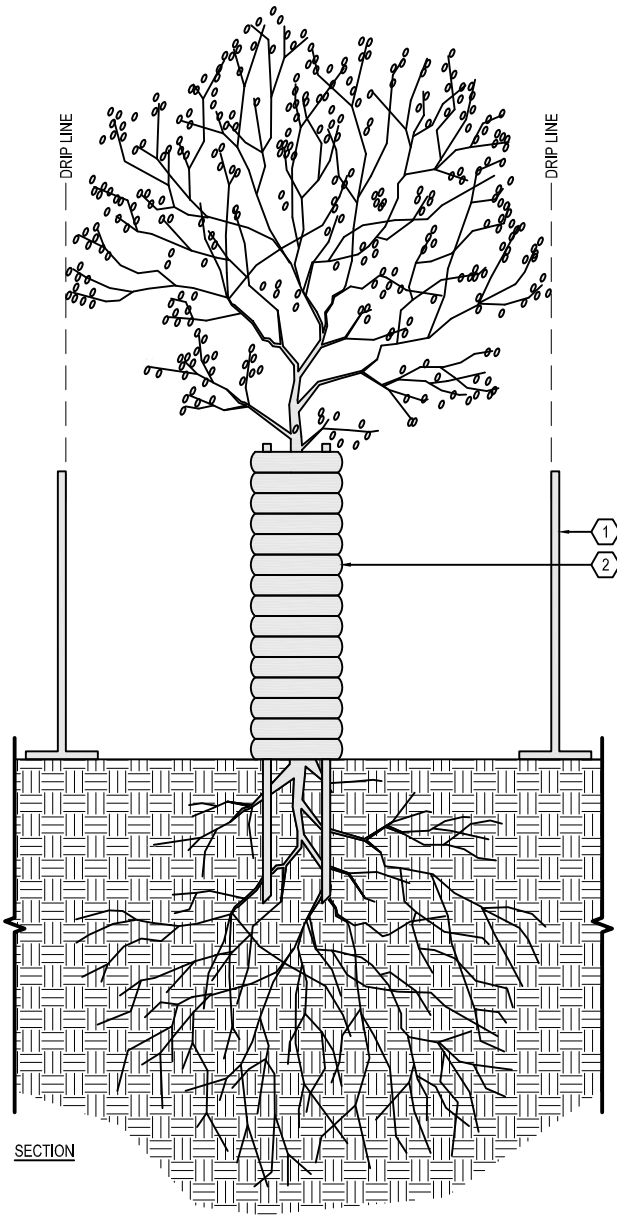
- 5 A healthy, vigorous tree, reasonably free of disease, with good structure and form typical of the species.
- 4 A tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.
- 3 A tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that may that might be mitigated with care.
- 2 A tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
- 1 A tree in severe decline, dieback of scaffold branches and or trunk, mostly epicormic growth; extensive structural defects that cannot be abated.
- 0 Tree is dead.

### Abbreviations and Definitions

CD	Codominant branches	Forked branches nearly the same size in diameter, arising from a common junction an lacking a normal branch union.
CDB	Dieback in Crown	Condition where branches in the tree crown die from the tips toward the center.
CR	Crowded	Tree is bounded closely by one or more of the following: structure, tree, Etc.
D	Decline	Tree shows obvious signs of decline, which may be indicative of the presence of multiple biotic and abiotic disorders.
DBH	Diameter at Breast Height	Measurement of tree diameter in inches. Measurement height varies by City and is noted above.
EG	Epicormic Growth	Watersprouting on trunk and main leaders. Typically indicative of tree stress.
EH	Exposed Heartwood	Exposure of the tree's heartwood is typically seen as an open wound that leaves a tree more susceptible to pathogens, disease or infection.
H	Hazardous	A tree that in it's current condition, presents a hazard.
HD	Headed	Poor pruning practice of cutting back branches. Often practiced under utility lines to limit tree height.
IB	Included Bark	Structural defect where bark is included between the branch attachment so the wood can't join. Such defect can have a higher probability of failure.
LC	Low crotch	Multiple central leaders originating below the DBH measurement site.
LN	Leaning Tree	Tree leaning, see notes for severity.
ML	Multiple Leaders	More than one upright primary stem
PT	Phototropism	Tree exhibits phototropic growth habits. Reduced trunk taper, misshapen trunk and canopy growth are examples of this growth habit.
S	Suckers	Shoot arising from the roots.
SD	Structural Defects	Naturally or secondary conditions including cavities, poor branch attachments, cracks, or decayed wood in any part of the tree that may contribute to structural failure.
SE	Severe	Indicates the severity of the following term.
SL	Slight	Indicates the mildness of the following term.
SR	Surface Roots	Roots visible at finished grade.
ST	Stress	Environmental factor inhibiting regular tree growth. Includes drought, salty soils, nitrogen and other nutrient deficiencies in the soil.
WU	Weak Union	Weak union or fork in tree branching structure.
	Ordinance Tree	Ordinance-Size Trees. An ordinance-size tree is: Single Trunk - 38 inches or more in circum-ference at 4 ½ feet above ground; or Multi-trunk - The combined measurements of each trunk circumference (at 4 ½ feet above ground) add up to 38 inches or more.

TREE #	BOTANICAL NAME	COMMON NAME	NATIVE / NON-NATVIE	MITIGATION RATIO	DBH (INCHES)	CIRCUMFERENCE (INCHES)	ORDINANCE TREE	HEALTH	PRESERVATION SUITABILITY	NOTES
1	<i>Ligustrum lucidum</i>	Privet	Non-Native	4	15	47	yes	4	Good	Street tree
2	<i>Ilex aquifolium</i>	Holly	Non-Native	2	5, 6	35	no	4	Moderate	
3	<i>Ailanthus altissima</i>	Tree of Heaven	Non-Native	1	9, 7	50	yes	4	Poor	Unsuitable tree, invasive species
4	<i>Magnolia grandiflora</i>	Southern Magnolia	Non-Native	4	18	57	yes	4	Good	
5	<i>Ailanthus altissima</i>	Tree of Heaven	Non-Native	1	17	53	yes	5	Poor	Unsuitable tree, invasive species
6	<i>Juglans hindsii</i>	California Walnut	Native	5	12, 13	79	yes	4	Moderate	SD
7	<i>Juglans hindsii</i>	California Walnut	Native	5	15, 17	100	yes	4	Moderate	
8	<i>Prunus dulcis</i>	Almond Tree	Non-Native	2	4, 5	28	no	2	Poor	SD
9	<i>Juglans hindsii</i>	California Walnut	Native	5	18	57	yes	4	Moderate	CR
10	<i>Ligustrum lucidum</i>	Privet	Non-Native	4	2, 2, 2, 2, 2, 2, 2, 3, 3, 3, 4	75	yes	3	Poor	CR, ML
11	<i>Juglans hindsii</i>	California Walnut	Native	3	5, 3, 3	35	no	3	Poor	SD, ML
12	<i>Juglans hindsii</i>	California Walnut	Native	5	7, 7, 9	72	yes	3	Moderate	CR w/ fence
13	<i>Ligustrum lucidum</i>	Privet	Non-Native	2	3, 2, 2, 2, 1	31	no	2	Poor	ivy infested
14	<i>Ligustrum lucidum</i>	Privet	Non-Native	2	1, 1, 1, 1, 2, 2, 2	31	no	2	Poor	ivy infested
15	<i>Juglans regia</i>	English Walnut	Non-Native	4	12, 10	69	yes	2	Poor	ivy infested
16	<i>Acacia melanoxylon</i>	Blackwood Acacia	Non-Native	1	1	3	no	2	Poor	unsuitable tree, invasive species
17	<i>Acacia melanoxylon</i>	Blackwood Acacia	Non-Native	1	8, 8, 10, 2	88	yes	3	Poor	unsuitable tree, invasive species
18	<i>Prunus dulcis</i>	Almond Tree	Non-Native	4	10, 5	47	yes	3	Moderate	SD
19	<i>Quercus agrifolia</i>	Coast Live Oak	Native	1	3	9	no	2	Moderate	CR
20	<i>Prunus dulcis</i>	Almond Tree	Non-Native	4	7, 5, 4, 3, 3, 3	79	yes	3	Moderate	SD
21	<i>Quercus agrifolia</i>	Coast Live Oak	Native	5	16, 12	88	yes	4	Good	
22	<i>Prunus cerasifera</i>	Purple leaf Plum	Non-Native	2	2, 3, 4, 1, 1	35	no	2	Poor	CR
23	<i>Prunus dulcis</i>	Almond Tree	Non-Native	1	8, 6	44	yes	0	Poor	Dead
24	<i>Quercus agrifolia</i>	Coast Live Oak	Native	5	18	57	yes	4	Good	
25	<i>Olea europaea</i>	Olive Tree	Non-Native	4	5, 5, 5, 5, 5, 5, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 7, 7, 7	270	yes	4	Moderate	

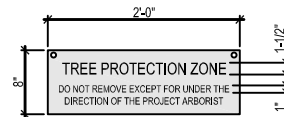
TREE #	BOTANICAL NAME	COMMON NAME	NATIVE / NON-NATIVE	MITIGATION RATIO	DBH (INCHES)	CIRCUMFERENCE (INCHES)	ORDINANCE TREE	HEALTH	PRESERVATION SUITABILITY	NOTES
26	<i>Prunus dulcis</i>	Almond Tree	Non-Native	1	2, 2, 2, 2, 2, 2, 4, 4, 4, 4, 4, 6, 6, 6, 6, 6	195	yes	0	Poor	Dead
27	<i>Prunus dulcis</i>	Almond Tree	Non-Native	4	10, 10, 7, 7, 6	126	yes	3	Poor	SD, LN, CR
28	<i>Ligustrum lucidum</i>	Privet	Non-Native	4	3, 3, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 7, 7, 7	192	yes	4	Moderate	
29	<i>Ailanthus altissima</i>	Tree of Heaven	Non-Native	1	4, 5	28	no	3	Poor	unsuitable tree, invasive species
30	<i>Eucalyptus sp.</i>	Eucalyptus	Non-Native	1	7	22	no	3	Moderate	unsuitable tree, invasive species
31	<i>Citrus sp.</i>	Citrus Tree	Non-Native	2	3, 3	19	no	3	Moderate	
32	<i>Ligustrum lucidum</i>	Privet	Non-Native	4	6, 6, 6, 6, 6, 6, 7, 2, 2, 3	157	yes	3	Moderate	
33	<i>Ligustrum lucidum</i>	Privet	Non-Native	4	4, 5, 5, 6	63	yes	3	Moderate	
34	<i>Ligustrum ovalifolium</i>	Privet	Non-Native	4	3, 3, 3, 4, 4, 2, 2, 2, 2	104	yes	3	Moderate	SD
35	<i>Ligustrum ovalifolium</i>	Privet	Non-Native	2	4, 3, 1, 1, 1	31	no	3	Moderate	SD
36	<i>Pittosporum tobira</i>	Japanese cheesewood	Non-Native	2	7, 4	35	no	3	Moderate	EH
37	<i>Ligustrum lucidum</i>	Privet	Non-Native	2	2, 3, 5	31	no	2	Poor	CR
38	<i>Ligustrum lucidum</i>	Privet	Non-Native	4	10, 4, 4	57	yes	3	Moderate	CR
39	<i>Ligustrum lucidum</i>	Privet	Non-Native	4	4, 4, 6	44	yes	2	Poor	SD
40	<i>Ailanthus altissima</i>	Tree of Heaven	Non-Native	1	16	50	yes	4	Poor	unsuitable tree, invasive species
41	<i>Ligustrum lucidum</i>	Privet	Non-Native	2	6	19	no	3	Moderate	CR



**NOTES:**

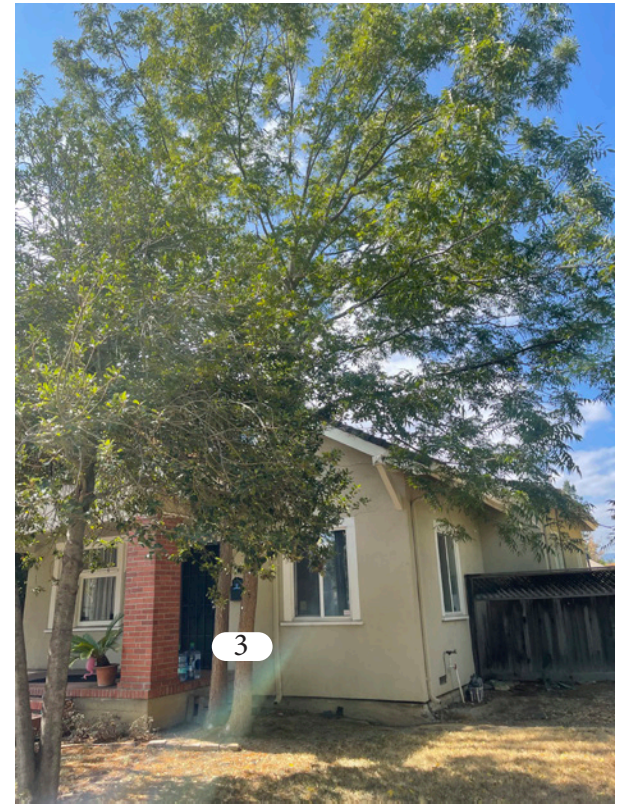
1. REFER TO THE TREE PROTECTION NOTES.
2. TREE PROTECTION MEASURES SHALL BE INSTALLED BEFORE GRADING OR EQUIPMENT IS ALLOWED ON SITE.
3. PRIOR TO CONSTRUCTION, SEE THE REMEDIAL REPAIRS SECTION TO DETERMINE FERTILIZING AND WATERING SCHEDULES FOR EXISTING TREES.
4. WHEN CONSTRUCTION IS TO TAKE PLACE WITHIN A TREE'S DRIP LINE, SEE SITE PREPARATION SECTION.
5. NO CONSTRUCTION WASTE, EITHER LIQUID, SOLID, OR ANY OTHER SUBSTANCE WHICH COULD ENTER INTO THE ROOT SYSTEM (OIL, GASOLINE, CHEMICALS, OR OTHER HARMFUL MATERIALS) SHALL BE DEPOSITED, DISPOSED OF, OR STORED WITHIN OR NEAR A TREE'S DRIP LINE.
6. WIRE, SIGNS, ROPES, PULLEYS, ETC., SHALL NOT BE ATTACHED TO ANY TREE.
7. IF TRENCHING WITHIN A TREE'S DRIP LINE IS NECESSARY, SEE GRADING/EXCAVATION SECTION.
8. IF TREE PRUNING IS NECESSARY, SEE REMEDIAL REPAIRS SECTION.
9. INSTALL ONE SIGN TO DRIP LINE FENCING PER AREA.
10. SEE TREE PROTECTION ZONE (TPZ) INSTRUCTIONS UNDER SITE PREPARATION SECTION.

- ① 6'-0" HIGH TEMPORARY CHAIN LINK FENCE, INSTALLED AT DRIP LINE. SEE TREE PROTECTION PLAN FOR LOCATIONS. PREFERENCE WOULD BE AT DRIP LINE OR FOLLOW LOCAL CODES.
- ② INSTALL TRUNK WRAP IF DRIP LINE FENCE IS NOT PRACTICAL. INSTALL FOUR (4) LODGE POLES AROUND EACH TREE, WRAP TRUNK IN STRAW WADDLE, THEN WRAP IN ORANGE SNOW FENCING UP TO BRANCHING STRUCTURE



**SIGN**  
SCALE: 1" = 1'-0"

**TREE PROTECTION**  
SCALE: 1/2" = 1'-0"































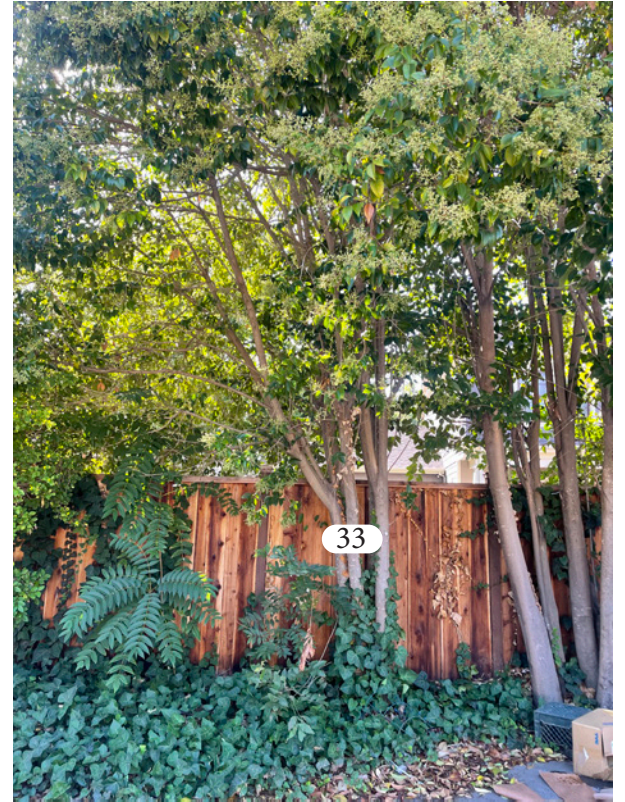
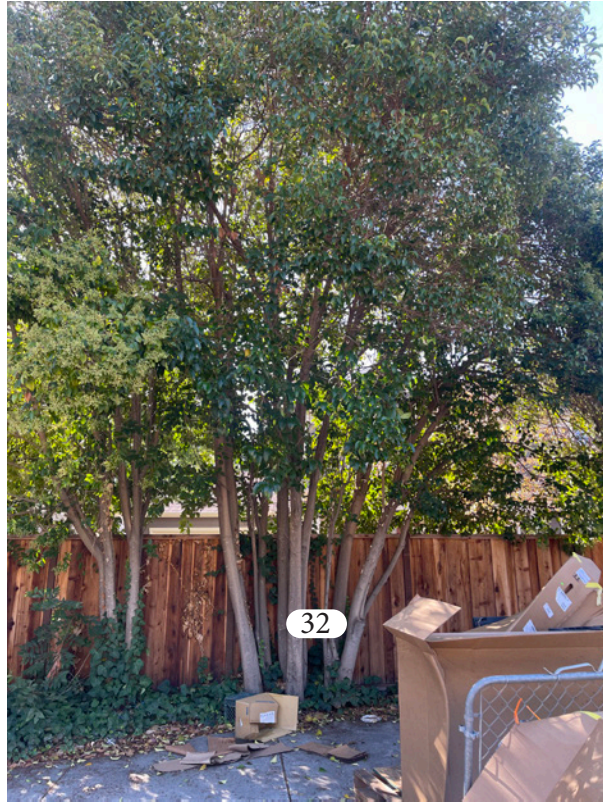




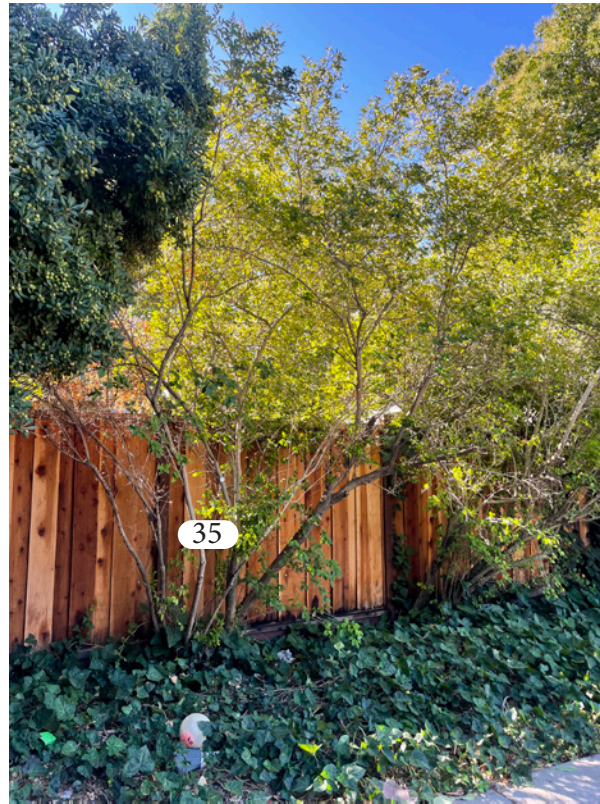




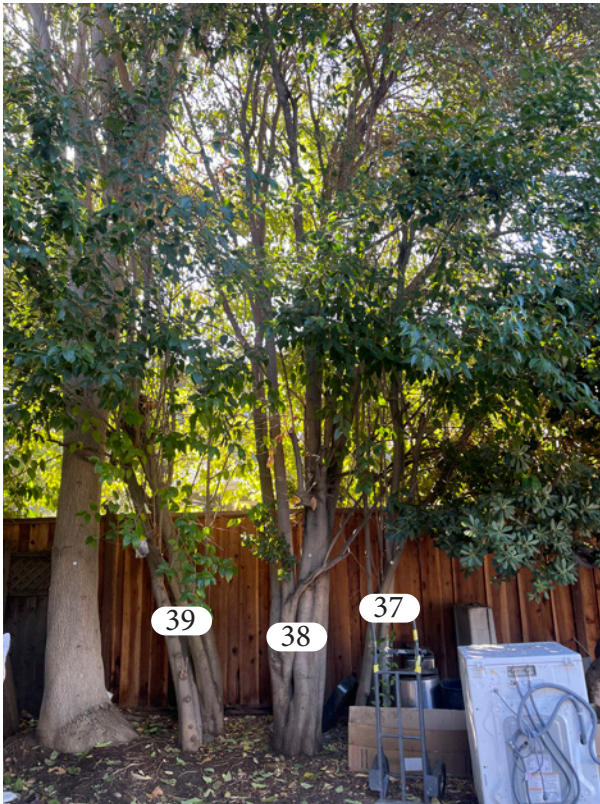














**LEGEND**

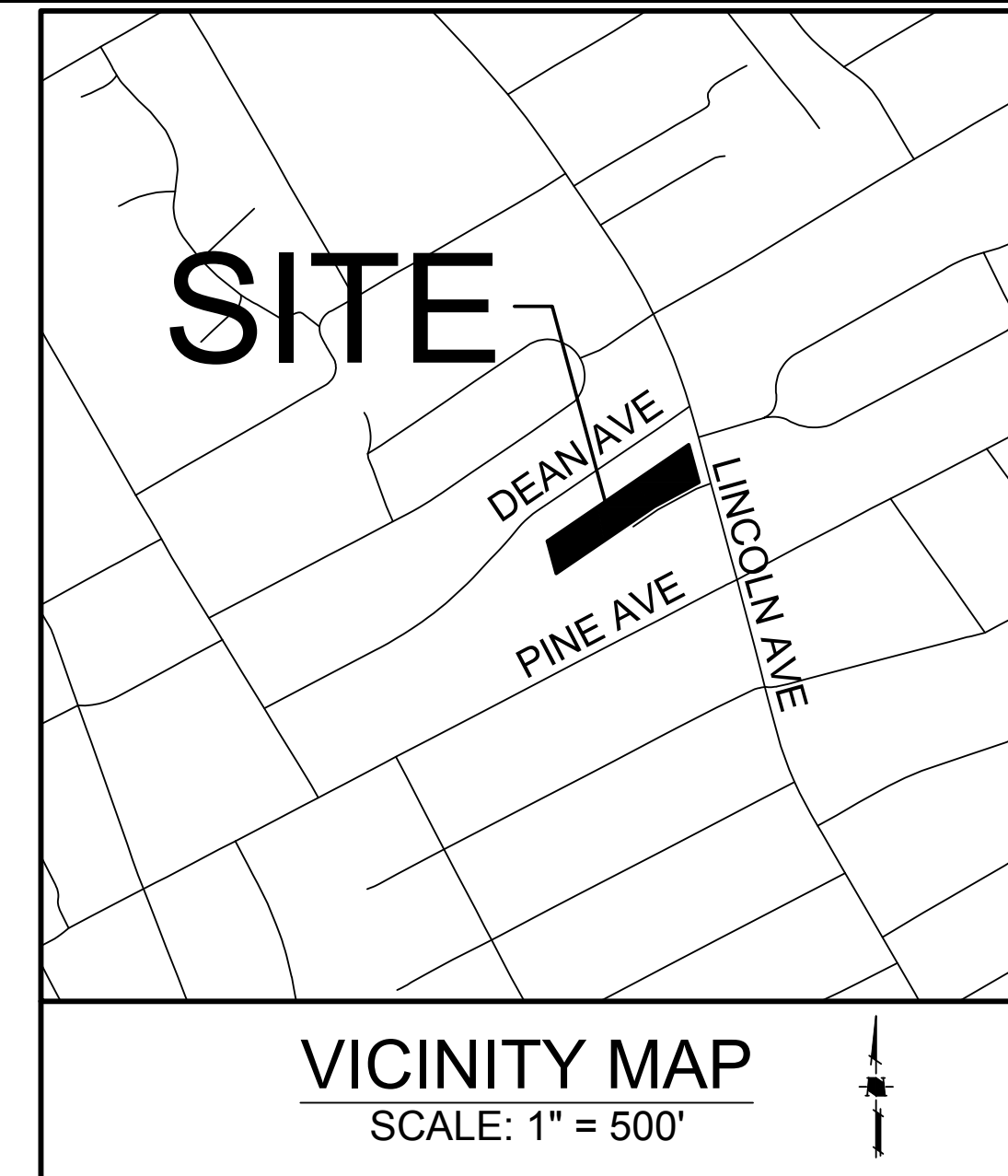
- PROJECT BOUNDARY
- TREE TO RELOCATE
- EXISTING TREE TRUNK
- TREE TO BE REMOVED



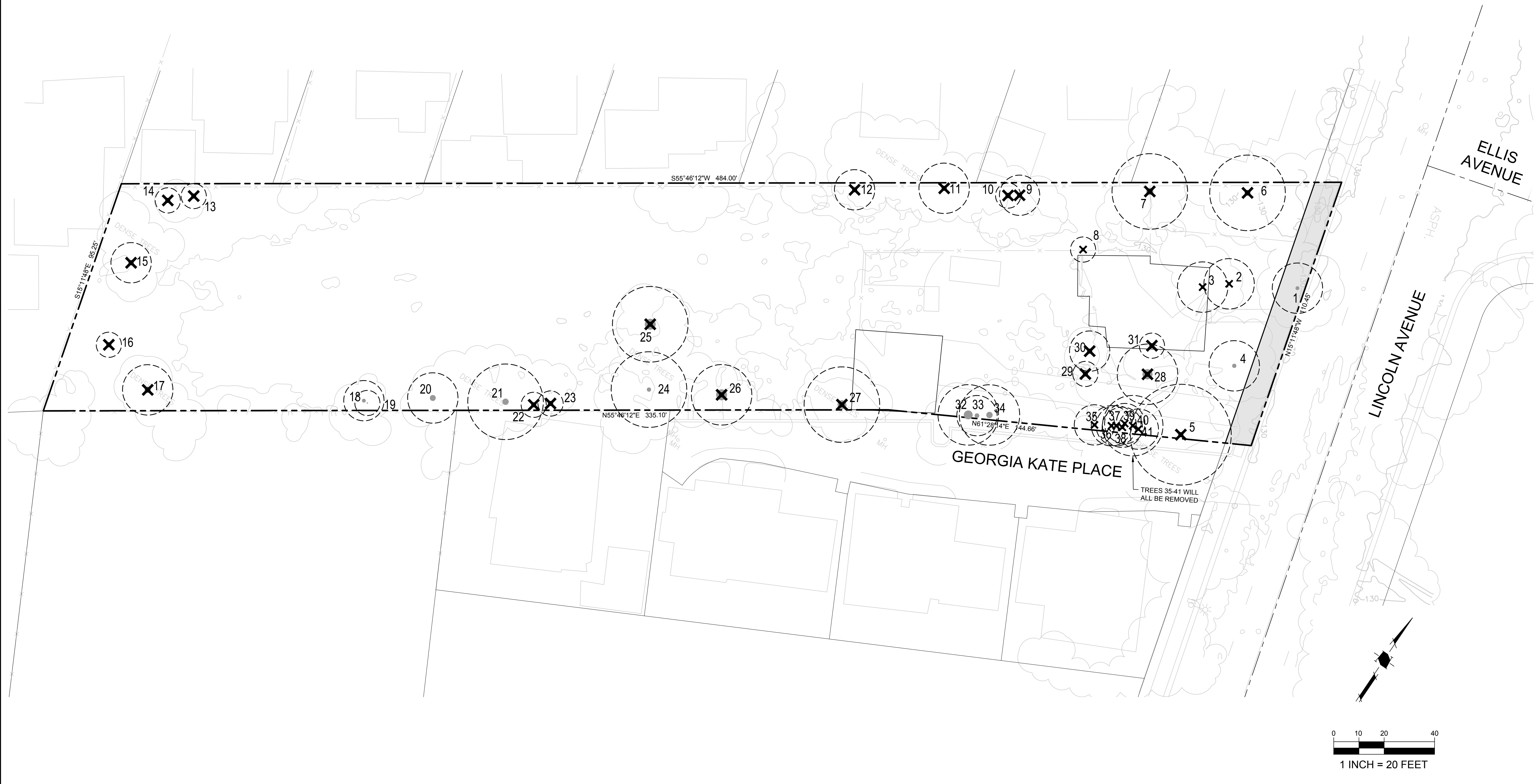
**NOTES**

1. SEE ARBORIST REPORT DATED SEPTEMBER 22, 2022 FOR DETAILS ON EXISTING TREE SIZE AND CONDITION.

ON-SITE TREE MITIGATION TABLE				
	CIRCUMFERENCE**	QTY	REPLACEMENT RATIO-SIZE	QUANTITY REQUIRED
TOTAL NATIVE TREES TO BE REMOVED	< 19" CIR.	0	1:1 - 15 GAL	0
	19" - < 38" CIR.	1	3:1 - 15 GAL	3
	38" -> 38" CIR.	4	5:1 - 15 GAL	20
TOTAL NON NATIVE TREES TO BE REMOVED	< 19" CIR.	1	1:1 - 15 GAL	1
	19" - < 38" CIR.	10	2:1 - 15 GAL	20
	38" -> 38" CIR.	13	4:1 - 15 GAL	52
TOTAL ORCHARD TREES TO BE REMOVED	< 19" CIR.	0	NONE	0
	19" - < 38" CIR.	2	NONE	0
	38" -> 38" CIR.	0	3:1 - 15 GAL	0
TOTAL TREES TO BE REMOVED		31		
TOTAL 15 GALLON TREES REQUIRED FOR MITIGATION		96		



DEAN AVENUE



**HMH**

Land Use Entitlements  
Land Planning  
Landscape Architecture  
Civil Engineering  
Utility Design  
Land Surveying  
Stormwater Compliance

1570 Oakland Road (408) 487-2200  
San Jose, CA 95131 HMHca.com

**1655 LINCOLN AVENUE  
LINCOLN AVE AND DEAN AVE  
PLANNED DEVELOPMENT PERMIT  
PD22-019**

NO	DATE	DESCRIPTION
08/26/2022		PER CITY COMMENTS

PROJECT NO: 6215.00  
CAD DWG FILE: 621500SP.DWG  
DESIGNED BY: NB  
DRAWN BY: ATN  
CHECKED BY: AL  
DATE: JUL. 18, 2022  
SCALE: AS SHOWN  
© HMH

**EXISTING  
CONDITIONS  
PLAN/TREE SURVEY**

S:\PROJECTS\21500\PL\PERMIT\621500SP.DWG

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