

Parkland Farms Unit 11 Vegetation Management and Enhancement Plan June, 2019

Introduction

Parkland Farms Unit 11 is a hillside subdivision proposed on the property located at 120 Parkland Farms Boulevard in Healdsburg, California. The property is densely forested with underlying vegetation. Extensive review of the property has resulted in a determination that mitigation of tree removal by means of planting additional trees on the property is not feasible, as the property does not appear to have capacity for additional trees.

An alternative approach, as detailed in this Vegetation Management and Enhancement Plan (VMEP) is to manage the horticultural resources within the site in a manner that minimizes impacts related to the development and to improve the viability of existing forestation through the removal of select understory growth and other vegetation considered to be "ladder fuel".

The primary objective of this approach is to combine the objectives of fire prevention and environmental stewardship by identifying specific mitigation measures that will, when undertaken, improve the Oakland habitat and reduce the risk of wildfire.

This document constitutes the written narrative component of the VMEP as required by the City of Healdsburg Department of Community Development. The VMEP provides for establishing and maintaining "defensible space vegetation management" around future residences and roadway or driveway edges as well as general enhancement of the natural character of the landscape.

The Key Results of the VMEP are:

1. To reduce the rapid transmission of heat and flame from a wildland fire to the structure(s) through selective thinning of native vegetation.
2. To create defensible space through separation, reduction, and disruption of the horizontal and vertical continuity of fire fuels.
3. To establish that replacement landscaping, if any, is of low volume, well separated, fire resistant, and ideally well-irrigated plants.
4. To retain healthy mature oaks and other native tree species throughout the project site.
5. To ensure that annual maintenance of common areas, if any, is guaranteed by a covenant binding the owners of the common areas to provide it.

6. To provide a document from which a contractor may provide a fee proposal to perform the vegetation management and adequately execute the work.

This document contains supporting instruments as follows:

- **Figure A:** Graphic representation of property, trees, building envelopes, and Defensible Space Zones (Zone)
- **Appendix A:** Landscape Guidelines, containing information pertaining to how landscaping should generally be planned and implemented with subdivision improvements and future custom lot development.
- **Appendix B:** Specific Tree Protection Guidelines, containing information pertaining to how work should be performed in the vicinity of trees to be preserved, and how plans should be prepared as they pertain to said work.
- **Table A:** tabulation of all trees, species, size, conditional assessment, with information pertaining to treatment. Color coding is described by annotation in the tabulation. *Trees being removed for fire fuel reduction purposes are noted as "Removal of Fuel".*
- **Table B:** tabulation of heritage trees only, containing same information as Table A. This table is included to simplify presentation of information for heritage trees.

Table A Terminology

Construction Impact is evaluated as follows:

- **Lot X:** if a tree is within a building envelope as shown on the tentative map. This indicates that a tree is not impacted by the installation of the subdivision improvements; however, impacts may occur at the time of the custom development of the lot.
- **In Road:** if a tree is within the paved limits of road improvements. This designation assumes loss of the tree; however, implementation of the tree protection measures contained herein are intended to preserve as many of these trees as possible.
- **None:** if no impacts to a tree are anticipated.
- **Pyrophytic:** if a tree is a known fire risk.
- **Low:** if grading limits of the road are within 0% to 25% of a tree's tree protection zone (TPZ).
- **Moderate:** if grading limits of the road are within 25% to 50% of a tree's TPZ.
- **Significant:** if grading limits of the road are within inner half of a tree's TPZ but not within a tree's critical root zone (CRZ).
- **CRZ:** if grading limits of the road are within a tree's CRZ.

The following **Health Ratings** are provided by Horticultural Associates.

- (1) **Poor:** decline to the tree has progressed beyond the point of it being able to return to a healthy condition again. Long-term survival is not expected. Rating designation includes dead trees.
- (2) **Marginal:** health and vigor are significantly compromised, distress is highly visible and present to the degree that survivability is questionable.
- (3) **Fair:** health and vigor are somewhat compromised, distress is visible, pest or disease may be present and affecting health, problems are generally correctable.
- (4) **Good:** health and vigor are average, no significant or specific distress symptoms, no significant pest or disease.

The following **Structure Ratings** are provided by Horticultural Associates.

- (1) **Poor:** hazardous structural condition which cannot be effectively corrected with pruning or other measures, may require removal depending on location and the presence of targets.
- (2) **Marginal:** serious structural problems are present which may or may not be correctable with pruning, cabling, bracing, etc.
- (3) **Moderate:** normal, typical structural issues which can be corrected with pruning.
- (4) **Good:** minor structural problems may be present which do not require corrective action.

Recommendations are defined as follows:

- **Probable Removal:** any tree anticipated to be lost due to impacts of construction. Tree protection measures will be implemented under the observation of the arborist in order to attempt successful preservation.
- **Remove for Main Road:** any tree within the footprint of the main road as shown on

the improvement plans. Loss is certain.

- Remove for Lot X Access: any tree within the footprint of a lot's vehicular access as shown on the improvement plans. Loss is certain.
- None at this time: no impacts will occur to this tree with construction of subdivision improvements. Includes trees located within building envelopes that may be impacted by future custom development.
- Remove due to condition: any tree with lowest health or structure rating.
- Removal of Fuel: any pyrophytic species.
- Protection Measures: implement the Specific Tree Protection Guidelines as described in Appendix B and excluding section Heritage Tree Specific Guidelines; applies to Moderate and Significant impact trees. Implementation to be under the direction of the arborist with observation as deemed necessary by the arborist.
- Observation: implement the Specific Tree Protection Guidelines as described in Appendix B, including section Heritage Tree Specific Guidelines.

Color Coding:

Green: represents a tree of height less than 20' being preserved with no protective measures (graphic map ONLY, not used in Table A or B).

Red: represents a tree being removed or of Probable Removal recommendation (Heritage included).

Purple: represents a pyrophytic species tree being removed for reduction of fuel purposes.

Yellow: represents a tree of low to significant anticipated impact, not scheduled for removal, not of pyrophytic species, not of Heritage Tree classification, that requires implementation of tree protection measures.

Blue: represents a tree of height 20' or greater that is not a heritage tree, not of pyrophytic species, and not anticipated for low to significant impact (graphic map ONLY, not used in Table A or B).

Orange: represents a heritage tree being preserved.

Recommendations

To achieve these Key Results, the property has been reduced to various Zones, beginning with the Building Envelope and expanding outward into the remaining areas of the property, with underlying general requirements. The following requirements are presented from the perspective that removal of healthy trees for purposes of fuel reduction is not feasible or appropriate for this project or property, while all trees recommended for removal in the overall tree assessment presented in Table A, provided by Horticultural Associates, should be removed throughout the property, *including trees of known pyrophytic¹ species.*

Building envelopes and resulting Zones are graphically represented on **Figure A, Vegetation Management Plan**, contained herein. This graphic illustrates heritage trees to be preserved and to be removed.

Underlying requirements and zone-specific requirements are as follows:

Underlying General Requirements (to be implemented throughout the property)

These general requirements shall be implemented at the time of subdivision improvement construction.

Dead and dying trees, ladder fuels, and non-native invasive plants should be removed. The

majority of pyrophytic plant species should be removed, including small diameter (less than 8") firs, bays, or clustered pyrophytic species with trunks smaller than 8" diameter, and larger diameter pyrophytic species in areas of high tree density. Pyrophytic tree species are shown in **Table A** with purple/magenta highlighting as recommended for removal.

Understory brush, woody shrubs, and any dead combustible material should be removed, including removal of deadwood by pruning of healthy trees. The property must be assessed for these materials prior to contracting or commencement of work as these materials can rapidly change quantity and are not quantified in this document.

Annual grasses should be mowed by tractor to a maximum height of not more than 3". Annual grasses appear to cover approximately 20% of the 11.39 acre property.

All trees shown in **Table A** for removal, in addition to those of known pyrophytic species, shall be removed at the time of subdivision improvement construction.

Upon completion of these underlying general requirements, trees recommended for retention shall be protected in accordance with the requirements of **Appendix B**, with respect to their tree protection zones (TPZ) as described in **Table A**. *Tree protective fencing shall be delineated on any improvement plan prepared for issuance of a grading or building permit.*

Defensible Space Zone I (Building Envelopes):

This Zone may be difficult to assess with the prospect of future custom lot development; therefore, vegetation management practices are described in relation to the delineated building envelope and in relation to the future custom development.

In relation to the delineated building envelope, all underlying general requirements must be implemented at the time of the subdivision improvements construction.

In relation to future custom development, this zone consists of areas within 10 feet of building structures. Generally, tall shrubs and trees are not allowed in this zone. At the time of custom lot development, tall trees within 10' of any proposed structure should be removed. No trees, except those of pyrophytic species as defined in **Table A**, should be removed within the building envelope at this juncture. All tall shrubs are to be removed at the time of the subdivision improvements construction.

At the time of subdivision improvement construction, the delineated building envelopes may be staked by a professional land surveyor to provide accuracy in the field for implementation of the work from Zone 1 and moving outward.

Defensible Space Zone II:

This Zone extends from the edge of Zone I to a distance 50 feet from building envelopes to account for the flexibility of future structure location within the delineated building envelopes. Existing oaks should be preserved with trees pruned to remove dead wood and thin dense structures. Mature trees should have all ladder fuel (shrubs, brush) removed from within 10 feet of the tree dripline and lower limbs pruned to provide a 10 foot clearance over the surrounding uphill grade.

Young, or semi-mature trees less than 40 feet in height should have the lower limbs removed to a height equal to 25% of the total tree height above the uphill grade (example: 20 foot tree requires a 5 foot uphill grade clearance).

Landscaping in this Zone shall be applied in accordance with Appendix A, Landscape Guidelines.

Defensible Space Zone III:

This Zone extends from 50 to 100 feet from delineated building envelopes. This Zone is expected to receive only the treatment prescribed in the underlying general requirements, which should be implemented at the time of subdivision improvement construction.

Landscaping in this Zone shall be applied in accordance with Appendix A, Landscape Guidelines. It is advised that the overall landscape be less dense with greater separation between planting islands.

Defensible Space Zone IV:

This Zone extends beyond 100 feet from the building envelopes. This Zone is expected to receive only the treatment prescribed in the underlying general requirements, which should be implemented at the time of subdivision improvement construction.

Landscaping in this Zone shall be applied in accordance with Appendix A, Landscape Guidelines. It is advised that the overall landscape be less dense with greater separation between planting islands.

Common Areas

Common areas are limited in this project to roadways serving multiple parcels and services, which will be maintained through a road maintenance agreement. The main roadways will have a minimum pavement width of 16 feet with one-foot gravel shoulders.

All brush and shrub species are to be removed from shoulder areas (five feet from paved surfaces). Individual oak and ornamental trees can remain adjacent to the road way, provided a minimum 14-foot clearance is maintained over the pavement surface. Annual grasses can be retained in the shoulder areas, provided the grasses are maintained in accordance with the underlying general requirements.

This work should be implemented at the time of subdivision improvement construction. Staking of the roadway centerline is highly recommended prior to contracting and commencement of this work.

Summary of Trees Exceeding 20' in Height (excluding heritage)

As stipulated in Section 11.4.2, Ridgelines, of the City of Healdsburg Area A Specific Plan: Structures shall be designed and located, and grading and other construction activities shall be performed so that no trees over 20 feet tall are removed or disturbed. If removal or disturbance of such trees is found to be necessary, replacement is required, using tree species native to the local area with minimum height and spread of 12 and 8 feet, respectively, at a minimum replacement ratio of 3:1.

A significant quantity of trees, with height equal to or greater than 20', exist on the site. Removal of a portion of these trees is necessary in order to develop the property in accordance with the General Plan and Specific Plan; however, replacement is not viable on this property due to the lack of area suitable to receive new plantings with a high rate of survivability. As a result, the project has been designed to minimize removal of trees in this classification.

Trees in this classification are summarized as follows¹:

Total trees of height 20' or greater:	712 ²
Removed due to condition:	8 (1.1%)
Removed for main road:	41 (5.7%)
Removed as fuel reduction:	52 (7.3%)
Removed for lot access:	7 (0.9%)
Probable removal:	7 (0.9%)
Protection measures implemented:	52 (7.3%)
Total to be removed:	115 (16.1%)
Removed for Project ³ :	55 (7.7%)

- 1 Includes trees on property outside the Scenic Ridgeline as shown on Figure 3F of the Area A SP.
- 2 See Table A for detail.
- 3 Excludes trees removed due to condition and as fire fuel reduction; includes probable removal.

Summary of Heritage Trees

A total of 20 heritage trees exist on the property being developed. Heritage trees are summarized as follows*:

Total heritage trees:	20
Removed due to condition:	2 (10.0%)
Removed for main road:	2 (10.0%)
Probable removal:	1 (5.0%)
To be observed during work:	7 (35.0%)
Total to be removed:	5 (25.0%)
Remove for Project**:	3 (15.0%)

*See Table B for detail.

**Excludes trees removed due to condition, includes probable removal.

Annual Maintenance Requirements:

Maintenance of the landscape within the various defensible zones and common areas will be a perpetual requirement of the individual homeowners and roadway maintenance agreement. These requirements shall be incorporated as part of the CCRs for the project.

Following are the maintenance requirements within defensible space zones:

- 1.0 Annual grasses: All annual grasses within the 50-foot defensible zones (Zone II) surrounding structures and the five-foot shoulder distance along roadways shall be mowed to a height of three inches or less. Timing of mowing will generally occur between May 1 and June 1 depending upon moisture content of grasses. It may be necessary to mow the grass areas more than once in any one year to maintain the three-inch maximum height of dried grasses. All invasive shrubs shall be removed from grass areas to reduce fire hazard.
- 2.0 Shrub/groundcover plantings: Landscape areas within the 50-foot defensible zones shall be managed so that plant heights and separations are maintained as described in the landscape guidelines. Any new or additional plantings shall also comply with these guidelines. All irrigation systems shall be operational and maintained to provide regular irrigation to plantings. Any dead plants shall be removed immediately. Plants, which become excessively large or woody, shall be removed or pruned in a manner to maintain compliance.
- 3.0 Trees: Separation between individual trees and tree clusters shall be maintained as described in the landscape guidelines. Trees shall be pruned as required to remove dead wood and to thin excessively dense branch structures. Any plants constituting a ladder fuel shall be removed from below the tree crown dripline. As trees mature, removal of trees may be required to maintain proper separation of tree crowns.

Conclusion

The key results set forth in the Introduction section of this document are anticipated to be achieved as follows:

Key Result 1: To reduce the rapid transmission of heat and flame from a wildland fire to the structure(s) through selective thinning of native vegetation.

Smaller trees of known pyrophytic species will be generally removed from the site in accordance with **Table A**. Implementation of the underlying general requirements for the property will eliminate dead and dying trees, ladder fuels, non-native invasive plants, understory brush, woody shrubs, any dead combustible material, dead wood, and long dead grasses.

Key Result 2: To create defensible space through separation, reduction, and disruption of the horizontal and vertical continuity of fire fuels.

The creation of Zones, and appropriate vegetation treatment measures for each Zone, will allow for initial fuel modification and detailed vegetation treatment during construction of the subdivision improvements and also provide clear direction to City staff and future property owners for custom development of each lot.

Key Result 3: To establish that replacement landscaping, if any, is of low volume, well separated, fire resistant, and ideally well-irrigated plants.

The Landscape Guidelines contained herein will allow for establishment of rules and policies for the development of the subdivision improvements, and for future individual custom lot development.

Key Result 4: To retain healthy mature oaks and other native tree species throughout the project site.

Of the approximately 743 oak species trees on the property, regardless of condition or size, approximately 57, or 7.7%, are scheduled for removal.

Key Result 5: To ensure that annual maintenance of common areas, if any, is guaranteed by a covenant binding the owners of the common areas to provide it.

The inclusion of ongoing annual maintenance requirements in the project CC&Rs will ensure that said maintenance is performed.

Key Result 6: To provide a document from which a contractor may provide a fee proposal to perform the vegetation management and adequately execute the work

The information contained in this document, including **Figure A** and **Table A**, quantify the scope of work pertaining to the vegetation management on this property.

APPENDIX A, LANDSCAPE GUIDELINES

The following guidelines should be utilized as conditions of approval for improvement plans associated with subdivision improvement construction as well as any future design review approval for future custom homes. Landscape guidelines are:

1. Use well-irrigated, fire resistant plant species. Landscape shrubs and groundcovers should generally be low growing with low foliage density.
2. Landscape plantings should be grouped in island-type configurations with a maximum 18 feet diameter. Shrub/groundcover island plantings should be separated by a distance no less than two times the height of the overall shrub height (use mature or maintained height). Woody shrubs and ground covers are not recommended in Zone I. The maximum amount of woody shrubs or groundcovers should not exceed 30% of the total area within Zone II. Larger amounts of woody shrubs and groundcovers are acceptable beyond Zone II, provided the ongoing recommendations of this document are implemented in perpetuity.
3. New tree plantings should use fire-resistant species. Fire resistant trees include species which are deciduous, have large fleshy leaves, and open limb structures. Trees to avoid include conifers (i.e. pines, cedars, cypress, junipers) and evergreen trees with foliage containing oils, or wax components (i.e. eucalyptus, bay laurels). Native oak species are naturally fire resistant and a desirable tree species.
4. Trees, or tree clusters of limited size, should be separated by distances of at least 15 to 20 feet on moderate slopes and by 10 feet on flat areas. Shrub and groundcover plantings are generally not recommended for use below tree driplines and especially below native oak species. The use of a two to four inch deep bark mulch is the preferred landscape treatment below native tree crown driplines. If a groundcover is to be used below an ornamental tree, then the height should be limited to a maximum 18-inch height and the plants should receive regular irrigation.
5. Irrigated lawns are a desirable fire-resistant element, but are generally not recommended in large areas in order to minimize water usage.
6. Non-irrigated grass areas require regular mowing to a maximum three-inch height.

¹ Pyrophytic plant- fire prone plant, which ignites quickly and burns intensely.

APPENDIX B

SPECIFIC TREE PROTECTION GUIDELINES For Construction Around Preserved Trees

PARKLAND FARMS RESIDENTIAL DEVELOPMENT Healdsburg, CA

INTRODUCTION

Great care must be exercised when development is proposed in the vicinity of established trees of any type. The trees present at this project require specialized and aggressive protection techniques during all grading and construction activities to minimize negative impact on their long-term health and vigor.

The area immediately beneath and around the Tree Protection Zone is especially critical, and the requirements and procedures that follow are established to protect short and long-term tree integrity. The purpose of this protection specification is to define the procedures that must be followed during any and all phases of development activity in the immediate vicinity of designated protected trees.

Established, mature trees respond in a number of different ways to the disruption of their natural conditions. Change of grade within the root system area or near the root collar, damage to the bark of the trunk, soil compaction in the root system area, root system damage, or alteration of summer soil moisture levels may individually or collectively cause physiological stress leading to tree decline and death. The individual impacts of these activities may cause trees to immediately exhibit symptoms and begin to decline, but more commonly the decline process takes many years, with symptoms appearing slowly and over a period of time, and often taking a decade or more. Trees may not begin to show obvious signs of decline from the negative impacts of construction until many years after construction is completed.

It is critical to the long-term health of all protected trees that a defined protection program be established before beginning any construction activity where protected trees are found. Once incorporated at the design level, it is critical that developers, contractors, and construction personnel understand the importance of protection specifications. If not well protected during all construction activities, site trees may decline, become hazardous, and exhibit diminished aesthetics.

The following specifications are meant to be understood by property owners, utilized by project managers and project superintendents, including grading contractors, underground contractors, all equipment operators, construction personnel, and landscape contractors. These specifications are presented in a brief outline form to be applied to each residential site, and to each type of construction activity that occurs during development.

Questions which arise, or interpretation of guidelines as they apply to specific site activities, should always be referred to the designated project arborist as they occur.

TREE PROTECTION ZONE

1. The Tree Protection Zone (TPZ) represents the area around each tree, or group of trees, which must be protected at all times from encroachment of any kind.
2. No encroachment into the TPZ is allowed at any time without approval and observation from the project arborist.
3. The TPZ will be designated by the project arborist at a location determined to be adequate to ensure long term tree viability and health.
4. The TPZ, for this project, is considered as one radial foot of distance per inch of trunk diameter as measured at 24 inches above ground level. This area represents an average of one foot of canopy radius for each one inch of trunk diameter. This is a minimum protected area, and most trees will benefit from a larger area being protected. The method for establishing the TPZ herein supersedes the definition of a TPZ that is expressed in the Heritage Tree Ordinance.

TREE PROTECTION FENCING

1. Prior to initiating any construction activity on a construction project, including demolition or grading, temporary protective fencing should be installed at each site tree, or group of site trees. Fencing shall be located at the TPZ designated by the project.
2. The intention of temporary protection fencing is to prevent all the various activities common during construction from occurring inside the protected area. Any impact to the soil inside the protected area can have a negative impact on the roots present in the soil below, which in turn, can have a negative impact on tree health and vitality. Activities as simple as foot traffic from construction personnel can cause soil compaction which in turn damages roots and affects tree vitality.
3. Storage of building materials, parking equipment or vehicles, or general access should be eliminated from the Tree Protection Zone.
4. Fencing should be minimum 4' height at all locations, and should form a continuous barrier without entry points around all individual trees, or groups of trees. Barrier type fencing such as *Tensar* orange plastic fencing is cost effective, and chain link fencing is very effective. Any fencing system that adequately prevents entry can be utilized. The use of post and cable fencing is not acceptable, however.
5. Fencing shall be installed in a professional manner with steel fence posts (standard quality farm 'T' posts work well) placed no more than 8 feet on center. Fencing should be attached to each post at 5 locations with plastic electrical ties, metal tie wire, or flip tie.
6. Any required encroachment into the fenced TPZ should be approved and supervised by the project arborist. Approved TPZ encroachment may require additional mitigation or protection measures that will be determined by the project arborist at the time of the request.
7. Managers and General Contractors shall direct all subcontractors to keep equipment and personnel outside the fenced area at all times until project is complete, and shall instruct all personnel as to the purpose and importance of fencing and preservation.
8. Fencing shall be upright and functional at all times from start to completion of project. Fencing shall remain in place and not be moved or removed until all construction activities at the site are completed.
9. Tree protection fencing is the single most effective measure to ensure that trees remain healthy after construction is completed.

ROOT LOCATION

1. Protecting trees is primarily about preserving the root system, and the soil environment around the root system.

2. In established native tree species approximately 80% of the root system is located in the top 24 inches of the soil profile.
3. Minimizing impacts and changes in that top 24 inches of soil profile is the primary goal of tree protection.

GRADING AND TRENCHING

1. Any construction activity that necessitates soil excavation in the vicinity of preserved trees shall be avoided where possible, or be appropriately mitigated under the guidance of the project arborist. All contractors must be aware at all times that specific protection measures are defined.
2. The designated TPZ is defined around all site trees to be preserved and fences protect the designated areas. No grading or trenching is to occur within this defined area unless so designated by the Improvement Plan, and where designated shall occur under the direct supervision of the project arborist.
3. Trenching should be routed around the TPZ whenever possible. Where trenching has been designated within the TPZ, utilization of underground technology to bore, tunnel, or excavate with high-pressure air or water must be considered. Hand digging will be generally discouraged unless site conditions restrict the use of alternate technology.
4. All roots greater than one inch in diameter that are encountered shall be cleanly hand-cut as they are encountered in any trench or in any grading activity. Tearing of roots by equipment is not allowed. Mitigation treatment of pruned roots shall be specified by the project arborist as determined by the degree of root pruning, location of root pruning, and potential exposure to desiccation. No pruning paints or sealants shall be used on cut roots.
5. Where significant roots are encountered and necessarily pruned, mitigation measures such as supplemental irrigation and/or organic mulches may be specified by the project arborist to offset the reduction of root system capacity. Often times the number and size of roots encountered is difficult to predict until actual activities are under way. The project arborist should be involved during these activities to determine precise levels of impact and the mitigation measures that are necessary to offset the impacts.
6. Retaining walls are effective at holding grade changes outside the area of the TPZ and are recommended where necessary. Retaining walls shall be constructed in a manner that minimizes the amount of soil excavation necessary. Stacked rock walls, stacked masonry walls, post and beam or drilled pier construction styles will be necessary near or within a Tree Protection Zone.
7. Placement of fill soils is generally discouraged within the TPZ, but in some approved and carefully considered locations may cover up to 20% of the TPZ area. The species and condition of the specific tree, as well as site and soil conditions, and depth of fill, should all be considered. The type of fill soil and placement methods shall be specified by the project arborist.
8. Grade changes outside the TPZ, or those necessary in conjunction with retaining walls, shall be designed so that surface drainage is not diverted toward or around the trunk in any manner. Grade shall drain away from the trunk at a minimum of 2%. If grading toward the trunk is unavoidable, appropriate surface and/or subsurface drain facilities shall be installed so that water is effectively diverted away from trunk area.
9. Approved fill soils within the TPZ may also be mitigated using aerated gravel layers and/or perforated aeration tubing systems, as specified by the project arborist.
10. Tree roots will be expected to grow into areas of soil fill, and quality of imported soil must be considered. Ideally, fill soil should be site topsoil that closely matches the soil texture present within the root zone area. When import soil is utilized it must be the same or slightly coarser texture than existing site soil, should have a pH range comparable to site soils, and generally should have acceptable chemical properties for appropriate plant growth. A soil analysis is recommended prior to importation to evaluate import soil for these criteria. Subsoils are not suitable as fill soils inside TPZ areas.
11. Grade reduction within the designated TPZ is generally discouraged, and where approved, shall be conducted only after careful consideration and coordination with the project arborist.

12. Foundations of all types within the TPZ shall be constructed using design techniques that eliminate the need for trenching into natural grade. These techniques might include drilled piers, grade beams, bridges, or cantilevered structures. Building footprints should generally be outside the TPZ whenever possible.

RESIDENTIAL FOUNDATIONS

1. Residential foundations should ideally not be placed within the TPZ. It is often necessary to encroach into the TPZ however, based on site constraints, setbacks, and density of trees.
2. Where encroachment is necessary the use of grade beam/drilled pier type foundations will reduce the impacts often associated with foundation construction by eliminating the need for a continuous foundation trench. Continuous foundation trenches often sever a significant number of roots and lead directly to tree decline.

EXISTING DRAINAGE PATTERNS

The location and density of native trees on many sites may be directly associated with the presence of naturally occurring water in the form of surface drainage and ephemeral waterways. Project design, especially drainage components, should take into consideration that these trees may begin a slow decline if this natural association with water is eliminated or significantly altered.

TREE PRUNING AND TREATMENTS

1. All recommendations for pruning or other treatments should be completed prior to the start of grading on the lot. This timing will facilitate optimum logistics and access, and reduce costs compared to pruning at the completion of construction.
2. All pruning shall be conducted in conformance with International Society of Arboriculture pruning standards, and all pruning should occur by, or under the direct supervision of, an arborist certified by the International Society of Arboriculture.
3. Significant removal of living wood from native trees is discouraged as it may cause distress and decline. Focus pruning on the individual needs of each particular tree with a priority on removing dead wood, unsound wood, and limbs that encroach into construction areas.
4. Significant pruning for views and topping of any kind is discouraged.

MULCHING

1. Trees will benefit significantly from the application of a 4-inch layer of chipped bark mulch over the soil surface within the greater Tree Protection Zone. Ideal mulch material is a chipped bark containing a wide range of particle sizes. Bark mulches composed of shredded redwood, bark screened for uniformity of size, chipped lumber, or dyed chips will not function as beneficially.
2. Rock, gravel, and other mineral mulches are generally discouraged due to their minimal benefit.
3. Chipped bark mulch is preferred from on-site tree chipping procedures to limit the opportunity of importing diseases from off-site trees.
4. Application of chipped bark mulch ideally occurs prior to installation of tree protection fencing, and it should be supplemented every 2 to 3 years with additional mulch material. Bark mulches decompose over time and require supplementation.

CONSTRUCTION CAUSED TREE DAMAGE

1. Any form of tree damage which occurs during the demolition, grading, or construction process should be evaluated by the project arborist. Specific mitigation measures will be developed to compensate for, or correct the damage.
2. Measures may include, but are not limited to, the following:

- Pruning to remove damaged limbs or wood
- Bark scoring to remove damaged bark and promote callous formation
- Alleviation of compaction by lightly scarifying the soil surface
- Installation of a specific mulching material
- Supplemental irrigation during the growing season for up to 5 years
- treatment with specific amendments to promote health, vigor, or root growth
- Vertical mulching or soil fracturing to promote root growth
- Periodic post-construction monitoring at the developer's expense
- Tree replacement if long term survival is not expected

FERTILIZATION

1. Native trees generally do not require supplemental fertilization unless exhibiting a deficiency symptom. Following completion of construction any tree that exhibits symptoms of a specific nutrient deficiency shall be fertilized to compensate for the deficiency. Soil or tissue analysis may be required to identify the specific deficiency present.
2. Distressed trees, or trees damaged by construction in any way, may also be detrimentally affected by supplemental fertilization. The decision to fertilize, and with what fertilizers, should be made by the project arborist based on conditions and appearance observed at the completion of the project.

PEST CONTROL

A close visual examination for tree pests shall be conducted by the pruning contractor as they complete recommended pruning procedures. If a serious infestation is present not apparent from ground observation, then pest control measures may be considered. However, the simple presence of tree pests does not warrant the use of chemical pesticides. Only a serious infestation, capable of causing tree decline, would warrant pesticide use. The use of organic sprays or pesticidal soaps is the preferred method for treating any serious tree pest infestation.

WEED CONTROL

No specific measures are recommended for weed control, and the presence of weeds should not be considered problematic in relation to continued tree health. However, use of contact weed killers and pre-emergent weed killers are generally not recommended due to their potential for root system damage if improperly applied.

DISEASE CONTROL

All disease control measures should be based on observation of actual conditions in the tree canopy.

PLANTING UNDER EXISTING TREES

1. Installation of turf, or other plant types that require overhead irrigation, in the Tree Protection Zone of established native trees has the potential to initiate serious disease and is discouraged. If planting beneath native trees is desired for aesthetic or functional purposes, the use of drought adapted, woody or perennial species is most appropriate.
2. Species should be selected for their ability to survive with minimal or no water through the summer months after the initial establishment period.
3. Only drip irrigation should be utilized within the canopy TPZ to minimize summer water in the root zone.
4. Keep new plantings and irrigation a minimum of 8 feet from the trunk of any preserved tree.
5. Many non-native trees will tolerate summer irrigation well and suitable landscape planting and irrigation may actually be beneficial.

SUPPLEMENTAL IRRIGATION

1. Supplemental irrigation shall be provided to all trees impacted within the CRZ, under the direction of the project arborist.
2. Supplemental irrigation shall be provided to any tree deemed necessary by the project arborist, under the direction of the project arborist.

HERITAGE TREE SPECIFIC GUIDELINES

1. Any work occurring within the TPZ of a heritage tree shall be performed under the observation of the project arborist in accordance with this section.
2. Procedure (to be implemented in the order presented):
 - a) Prune tree as necessary for safety, health and structure, in accordance with the guidelines contained herein. Perform pruning under the supervision of an arborist certified by the International Society of Arboriculture. Do not remove living wood unless directed to do so by the certified arborist.
 - b) Inspect the tree for pest infestation. Notify the certified arborist if significant pest presence
 - c) Apply a four inch layer of chipped bark mulch, containing a wide range of particle sizes, preferably from on-site tree chipping procedures, over the soil surface within the greater TPZ. Do not use mineral mulches.
 - d) Install contiguous temporary protection fencing, at a minimum height of 4', at or beyond the TPZ, unless work is shown on the approved improvement plan to occur within the TPZ. In this case, locate the fencing as close to the limit of work as possible to create maximum protection. Do not store materials within the fenced area. Tensar orange plastic fencing and chain link fencing are preferred materials; do not use post and cable fencing. Encroaching into the fenced area shall not occur without the approval and supervision of the project arborist.
 - e) Place 2' x 3' signage on the tree protection fencing at an interval of 20'. Signage shall indicate that tree has Heritage status and fences are not to be altered without the approval and supervision of the project arborist.
 - f) Coordinate with the certified arborist to verify if supplemental irrigation is necessary based on the work shown on the approved improvement plan.
 - g) If grading or trenching is shown on the approved improvement plan to occur within the TPZ (but outside the fencing), perform it under the direct supervision of the certified arborist. Do not tear roots; cut roots cleanly by hand.
 - h) Coordinate with the project arborist to inspect each heritage tree at a time interval of not more than 30 days. The arborist will prepare a brief report after each inspection and provide to the City of Healdsburg.

Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
1	Quercus agrifolia	Coast Live Oak	15	15	21	24	4	4	15	3.8	Yes	No	None	None at this time
2	Quercus agrifolia	Coast Live Oak	7+10	12	25	20	4	3	12	3.0	Yes	No	Significant	Protection Measures
3	Quercus agrifolia	Coast Live Oak	8	8	21	25	4	3	8	2.0	Yes	No	Significant	Protection Measures
4	Quercus agrifolia	Coast Live Oak	15+7	17	25	42	4	4	17	4.3	Yes	No	LOT #1	None at this time
5	Quercus agrifolia	Coast Live Oak	18	18	24	25	4	3	18	4.5	Yes	No	None	None at this time
6	Quercus agrifolia	Coast Live Oak	8+8	11	22	20	4	4	11	2.8	Yes	No	LOT #1	None at this time
7	Quercus agrifolia	Coast Live Oak	16	16	24	32	4	4	16	4.0	Yes	No	LOT #1	None at this time
8	Quercus agrifolia	Coast Live Oak	18	18	24	30	4	4	18	4.5	Yes	No	LOT #1	None at this time
9	Quercus agrifolia	Coast Live Oak	13	13	25	30	4	4	13	3.3	Yes	No	LOT #1	None at this time
10	Quercus agrifolia	Coast Live Oak	14	14	20	18	4	3	14	3.5	Yes	No	None	None at this time
11	Quercus lobata	Valley Oak	11	11	20	25	4	3	11	2.8	Yes	No	None	None at this time
12	Quercus agrifolia	Coast Live Oak	16	16	22	24	4	4	16	4.0	Yes	No	LOT #1	None at this time
13	Quercus agrifolia	Coast Live Oak	18	18	25	32	4	3	18	4.5	Yes	No	Significant	Remove for Lot 1/2 Access
14	Quercus lobata	Valley Oak	13	13	25	30	4	3	13	3.3	Yes	No	Significant	Remove for Lot 1/2 Access
15	Quercus garryana	Oregon Oak	10	10	22	24	4	4	10	2.5	Yes	No	LOT #2	None at this time
16	Quercus agrifolia	Coast Live Oak	11	11	18	24	4	4	11	2.8	Yes	No	LOT #2	None at this time
17	Quercus agrifolia	Coast Live Oak	6	6	15	14	4	3	6	1.5	Yes	No	None	None at this time
18	Quercus agrifolia	Coast Live Oak	10	10	20	25	4	3	10	2.5	Yes	No	None	None at this time
19	Quercus agrifolia	Coast Live Oak	15+15	21	25	34	4	3	21	5.3	Yes	No	None	None at this time
20	Quercus agrifolia	Coast Live Oak	18	18	25	32	4	3	18	4.5	Yes	No	None	None at this time
21	Quercus agrifolia	Coast Live Oak	9+9	13	20	18	4	3	13	3.3	Yes	No	None	None at this time
22	Quercus agrifolia	Coast Live Oak	7	7	21	24	4	4	7	1.8	Yes	No	None	None at this time
22	Quercus agrifolia	Coast Live Oak	21	21	25	32	4	3	21	5.3	Yes	No	None	None at this time
23	Quercus agrifolia	Coast Live Oak	9	9	24	24	4	3	9	2.3	Yes	No	None	None at this time
24	Quercus garryana	Oregon Oak	6	6	14	12	4	4	6	1.5	Yes	No	LOT #2	None at this time
25	Quercus garryana	Oregon Oak	7	7	22	12	4	4	7	1.8	Yes	No	LOT #2	None at this time
26	Quercus garryana	Oregon Oak	8	8	22	18	4	4	8	2.0	Yes	No	LOT #2	None at this time
27	Quercus garryana	Oregon Oak	9	9	22	18	4	4	9	2.3	Yes	No	LOT #2	None at this time
28	Quercus garryana	Oregon Oak	8	8	20	18	4	4	8	2.0	Yes	No	LOT #2	None at this time
29	Quercus agrifolia	Coast Live Oak	9	9	22	18	4	3	9	2.3	Yes	No	None	None at this time
30	Quercus agrifolia	Coast Live Oak	9	9	22	20	4	3	9	2.3	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
31	Quercus agrifolia	Coast Live Oak	6	6	20	14	4	3	6	1.5	Yes	No	None	None at this time
32	Quercus agrifolia	Coast Live Oak	9	9	22	20	4	3	9	2.3	Yes	No	None	None at this time
33	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
34	Quercus agrifolia	Coast Live Oak	7	7	22	16	4	3	7	1.8	Yes	No	None	None at this time
35	Quercus agrifolia	Coast Live Oak	25+9	27	40	42	4	3	27	6.8	Yes	No	None	None at this time
36	Quercus agrifolia	Coast Live Oak	18	18	30	30	4	3	18	4.5	Yes	No	None	None at this time
37	Quercus agrifolia	Coast Live Oak	13	13	30	25	4	3	13	3.3	Yes	No	None	None at this time
38	Quercus agrifolia	Coast Live Oak	9	9	22	20	4	3	9	2.3	Yes	No	None	None at this time
39	Quercus agrifolia	Coast Live Oak	8	8	25	24	4	3	8	2.0	Yes	No	None	None at this time
40	Quercus agrifolia	Coast Live Oak	13	13	25	40	4	3	13	3.3	Yes	No	None	None at this time
41	Quercus agrifolia	Coast Live Oak	9	9	20	26	4	3		2.3	Yes	No	LOT #3	None at this time
42	Quercus agrifolia	Coast Live Oak	15	15	25	30	4	4	15	3.8	Yes	No	LOT #3	None at this time
43	Quercus agrifolia	Coast Live Oak	7	7	25	24	4	3	7	1.8	Yes	No	LOT #3	None at this time
44	Quercus agrifolia	Coast Live Oak	8	8	14	18	3	4	8	2.0	Yes	No	LOT #3	None at this time
45	Quercus agrifolia	Coast Live Oak	8	8	15	24	4	4	8	2.0	Yes	No	None	None at this time
46	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	LOT #3	None at this time
47	Quercus agrifolia	Coast Live Oak	14	14	25	30	4	4	14	3.5	Yes	No	LOT #3	None at this time
48	Quercus agrifolia	Coast Live Oak	6	6	14	16	2	2	6	1.5	No	No	Low	Protection Measures
49	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	12	3.0	Yes	No	LOT #3	None at this time
50	Quercus agrifolia	Coast Live Oak	7	7	14	18	4	3	7	1.8	Yes	No	None	None at this time
51	Quercus agrifolia	Coast Live Oak	6	6	20	15	4	3	6	1.5	Yes	No	None	None at this time
52	Quercus lobata	Valley Oak	14	14	30	25	4	3	14	3.5	Yes	No	None	None at this time
53	Quercus agrifolia	Coast Live Oak	8+13	13	25	30	4	3	13	3.3	Yes	No	None	None at this time
54	Quercus agrifolia	Coast Live Oak	7+8+8+7+4+3	16	22	25	4	3	16	4.0	Yes	No	None	None at this time
55	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
56	Quercus agrifolia	Coast Live Oak	8	8	20	20	4	3	8	2.0	Yes	No	None	None at this time
57	Quercus agrifolia	Coast Live Oak	7	7	20	20	4	3	7	1.8	Yes	No	None	None at this time
58	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
59	Quercus lobata	Valley Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
60	Quercus agrifolia	Coast Live Oak	13	13	25	40	4	3	13	3.3	Yes	No	None	None at this time
61	Quercus agrifolia	Coast Live Oak	18	18	30	40	4	3	18	4.5	Yes	No	None	None at this time
62	Quercus agrifolia	Coast Live Oak	13	13	25	40	4	3	13	3.3	Yes	No	None	None at this time
63	Quercus agrifolia	Coast Live Oak	8	8	21	16	3	4	8	2.0	Yes	No	LOT #6	None at this time

**Parkland Farms Subdivision, Phase 11
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Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
64	Quercus agrifolia	Coast Live Oak	14+11	18	24	30	3	4	18	4.5	Yes	No	LOT #6	None at this time
65	Quercus agrifolia	Coast Live Oak	13	13	22	16	4	4	13	3.3	Yes	No	LOT #6	None at this time
66	Quercus agrifolia	Coast Live Oak	8	8	10	12	3	3	8	2.0	Yes	No	LOT #6	None at this time
67	Quercus agrifolia	Coast Live Oak	17	17	24	24	3	4	17	4.3	Yes	No	LOT #6	None at this time
68	Quercus agrifolia	Coast Live Oak	7	7	20	44	10	4	7	1.8	Yes	No	LOT #6	None at this time
69	Quercus agrifolia	Coast Live Oak	12	12	20	24	4	4	12	3.0	Yes	No	LOT #6	None at this time
70	Quercus agrifolia	Coast Live Oak	6	6	20	18	4	4	6	1.5	Yes	No	LOT #6	None at this time
71	Quercus agrifolia	Coast Live Oak	6	6	18	20	4	4	6	1.5	Yes	No	LOT #6	None at this time
72	Quercus agrifolia	Coast Live Oak	9	9	16	8	3	4	9	2.3	Yes	No	LOT #6	None at this time
73	Quercus agrifolia	Coast Live Oak	7	7	18	20	4	4	7	1.8	Yes	No	LOT #6	None at this time
74	Quercus agrifolia	Coast Live Oak	8+4	9	18	24	3	4	9	2.3	Yes	No	LOT #6	None at this time
75	Quercus agrifolia	Coast Live Oak	4+4	6	15	18	3	4	6	1.5	Yes	No	LOT #6	None at this time
76	Quercus agrifolia	Coast Live Oak	11	11	16	30	4	4	11	2.8	Yes	No	LOT #6	None at this time
77	Quercus agrifolia	Coast Live Oak	8	8	22	24	4	4	8	2.0	Yes	No	LOT #6	None at this time
78	Quercus agrifolia	Coast Live Oak	9	9	18	10	2	4	9	2.3	No	No	LOT #6	None at this time
79	Quercus agrifolia	Coast Live Oak	7	7	21	24	4	4	7	1.8	Yes	No	LOT #6	None at this time
80	Quercus agrifolia	Coast Live Oak	8	8	18	20	3	4	8	2.0	Yes	No	LOT #6	None at this time
81	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	LOT #6	None at this time
82	Quercus agrifolia	Coast Live Oak	7	7	15	16	4	3	7	1.8	Yes	No	LOT #6	None at this time
83	Quercus agrifolia	Coast Live Oak	9	9	20	20	4	4	9	2.3	Yes	No	LOT #6	None at this time
84	Quercus agrifolia	Coast Live Oak	8+3	9	18	24	3	4	9	2.3	Yes	No	LOT #6	None at this time
85	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
86	Quercus agrifolia	Coast Live Oak	8+4	9	20	20	4	3	9	2.3	Yes	No	None	None at this time
87	Quercus agrifolia	Coast Live Oak	11	11	25	25	4	3	11	2.8	Yes	No	None	None at this time
88	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	None	None at this time
89	Quercus agrifolia	Coast Live Oak	16+15	22	40	50	4	3	22	5.5	Yes	No	None	None at this time
90	Quercus agrifolia	Coast Live Oak	8	8	21	24	4	3	8	2.0	Yes	No	In Road	Removal for Lot 3/4 Access
91	Quercus agrifolia	Coast Live Oak	8	8	19	24	4	3	8	2.0	Yes	No	In Road	Removal for Lot 3/4 Access
92	Quercus agrifolia	Coast Live Oak	9	9	21	24	4	3	9	2.3	Yes	No	In Road	Removal for Lot 3/4 Access
93	Quercus agrifolia	Coast Live Oak	19	19	35	30	4	3	19	4.8	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
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Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
94	Quercus agrifolia	Coast Live Oak	13	13	35	24	4	3	13	3.3	Yes	No	LOT #5	None at this time
95	Quercus lobata	Valley Oak	12	12	30	30	4	3	12	3.0	Yes	No	LOT #5	None at this time
96	Quercus agrifolia	Coast Live Oak	10+5	11	30	28	4	3	11	2.8	Yes	No	LOT #5	None at this time
97	Quercus agrifolia	Coast Live Oak	15	15	35	38	4	3	15	3.8	Yes	No	LOT #5	None at this time
98	Quercus agrifolia	Coast Live Oak	14+12	18	35	30	4	3	18	4.5	Yes	No	None	None at this time
99	Quercus agrifolia	Coast Live Oak	14+20	24	40	50	4	3	24	6.0	Yes	No	Low	Protection Measures
100	Quercus agrifolia	Coast Live Oak	6	6	22	24	4	3	6	1.5	Yes	No	None	None at this time
101	Quercus agrifolia	Coast Live Oak	8	8	25	28	4	3	8	2.0	Yes	No	LOT #5	None at this time
102	Quercus agrifolia	Coast Live Oak	18	18	30	30	4	3	18	4.5	Yes	No	None	None at this time
103	Quercus agrifolia	Coast Live Oak	11	11	30	30	4	3	11	2.8	Yes	No	None	None at this time
104	Quercus agrifolia	Coast Live Oak	11	11	30	30	4	3	11	2.8	Yes	No	LOT #5	None at this time
105	Quercus agrifolia	Coast Live Oak	7+5	9	25	28	4	3	9	2.3	Yes	No	LOT #5	None at this time
106	Quercus agrifolia	Coast Live Oak	6	6	20	24	4	3	6	1.5	Yes	No	LOT #5	None at this time
107	Quercus agrifolia	Coast Live Oak	10	10	25	30	4	3	10	2.5	Yes	No	LOT #5	None at this time
108	Quercus agrifolia	Coast Live Oak	11	11	30	30	4	3	11	2.8	Yes	No	LOT #5	None at this time
109	Quercus agrifolia	Coast Live Oak	6	6	20	25	4	3	6	1.5	Yes	No	LOT #5	None at this time
110	Quercus agrifolia	Coast Live Oak	14	14	36	30	4	3	14	3.5	Yes	No	In Road	Remove for Main Road
111	Quercus agrifolia	Coast Live Oak	12	12	30	30	4	3	12	3.0	Yes	No	None	None at this time
112	Quercus agrifolia	Coast Live Oak	10	10	30	30	4	3	10	2.5	Yes	No	Significant	Remove for Main Road
113	Quercus lobata	Valley Oak	7	7	22	25	4	3	7	1.8	Yes	No	In Road	Remove for Main Road
114	Quercus agrifolia	Coast Live Oak	8	8	25	28	4	3	8	2.0	Yes	No	LOT #5	None at this time
115	Quercus agrifolia	Coast Live Oak	12+4	9	25	28	4	3	9	2.3	Yes	No	LOT #5	None at this time
116	Quercus agrifolia	Coast Live Oak	6	6	20	25	4	3	6	1.5	Yes	No	LOT #5	None at this time
117	Quercus agrifolia	Coast Live Oak	8	8	25	30	4	3	8	2.0	Yes	No	LOT #5	None at this time
118	Quercus agrifolia	Coast Live Oak	12	12	35	40	4	3	12	3.0	Yes	No	LOT #5	None at this time
119	Quercus agrifolia	Coast Live Oak	10+11+7	16	40	45	4	3	16	4.0	Yes	No	LOT #5	None at this time
120	Quercus agrifolia	Coast Live Oak	12	12	35	40	4	3	12	3.0	Yes	No	In Road	Remove for Main Road
121	Quercus agrifolia	Coast Live Oak	12	12	35	40	4	3	12	3.0	Yes	No	In Road	Removal for Lot 3/4 Access
122	Quercus lobata	Valley Oak	7	7	21	24	4	3	7	1.8	Yes	No	Significant	Remove for Lot 1/2 Access
123	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	None	None at this time
124	Quercus agrifolia	Coast Live Oak	7	7	22	38	4	3	7	1.8	Yes	No	None	None at this time
125	Quercus agrifolia	Coast Live Oak	7+6	9	30	40	4	3	9	2.3	Yes	No	Significant	Remove for Main Road

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
126	Quercus agrifolia	Coast Live Oak	9	9	30	40	4	3	9	2.3	Yes	No	None	None at this time
127	Prunus domestica	Wild Plum	10+5+5	12	30	28	4	3	12	3.0	Yes	No	In Road	Remove for Main Road
128	Quercus lobata	Valley Oak	7	7	25	24	4	3	7	1.8	Yes	No	None	None at this time
129	Quercus agrifolia	Coast Live Oak	24	24	40	50	4	3	24	6.0	Yes	No	None	None at this time
130	Quercus agrifolia	Coast Live Oak	10	10	30	30	4	3	10	2.5	Yes	No	None	None at this time
131	Quercus agrifolia	Coast Live Oak	10	10	35	24	4	3	10	2.5	Yes	No	None	None at this time
132	Quercus agrifolia	Coast Live Oak	20	20	40	50	4	3	20	5.0	Yes	No	None	None at this time
133	Quercus agrifolia	Coast Live Oak	10	10	35	24	4	3	10	2.5	Yes	No	None	None at this time
134	Quercus agrifolia	Coast Live Oak	19	19	20	30	4	4	19	4.8	Yes	No	LOT #7	None at this time
135	Quercus agrifolia	Coast Live Oak	10	18	18	4	4	10	30	4.5	Yes	No	LOT #7	None at this time
136	Quercus agrifolia	Coast Live Oak	6	6	15	12	4	4	6	1.5	Yes	No	None	None at this time
137	Prunus cerasifera	Wild Plum	11+6	13	25	40	4	3	13	3.3	Yes	No	None	None at this time
138	Quercus agrifolia	Coast Live Oak	18+20+14	30	40	60	4	3	30	7.5	Yes	No	None	None at this time
139	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
140	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
141	Quercus agrifolia	Coast Live Oak	13	13	25	40	4	3	13	3.3	Yes	No	None	None at this time
142	Quercus agrifolia	Coast Live Oak	8	8	20	2025	4	3	8	2.0	Yes	No	None	None at this time
143	Quercus agrifolia	Coast Live Oak	9+6	11	24	40	4	3	11	2.8	Yes	No	None	None at this time
145	Quercus agrifolia	Coast Live Oak	13	13	26	40	4	3	13	3.3	Yes	No	None	None at this time
146	Quercus agrifolia	Coast Live Oak	6+8+12	16	35	45	4	3	16	4.0	Yes	No	None	None at this time
147	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	2	3.0	Yes	No	None	None at this time
148	Quercus agrifolia	Coast Live Oak	7	7	15	18	4	3	7	1.8	Yes	No	None	None at this time
149	Quercus agrifolia	Coast Live Oak	7+18	25	40	60	4	3	25	6.3	Yes	No	None	None at this time
150	Quercus agrifolia	Coast Live Oak	7	7	15	18	4	3	7	1.8	Yes	No	None	None at this time
151	Quercus agrifolia	Coast Live Oak	11	11	25	40	4	3	11	2.8	Yes	No	None	None at this time
152	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	None	None at this time
153	Quercus agrifolia	Coast Live Oak	7	7	15	18	4	3	7	1.8	Yes	No	None	None at this time
154	Quercus agrifolia	Coast Live Oak	10	10	25	40	4	3	10	2.5	Yes	No	None	None at this time
155	Quercus agrifolia	Coast Live Oak	17	17	25	40	4	3	17	4.3	Yes	No	None	None at this time
156	Quercus lobata	Valley Oak	18+16	24	35	45	4	3	24	6.0	Yes	No	None	None at this time
158	Quercus agrifolia	Coast Live Oak	21	21	40	50	4	3	21	5.3	Yes	No	Significant	Remove for Main Road
159	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	None	None at this time
160	Quercus lobata	Valley Oak	21	21	40	50	4	3	21	5.3	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
161	Quercus lobata	Valley Oak	6	6	14	16	4	3	6	1.5	Yes	No	None	None at this time
162	Quercus lobata	Valley Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
163	Quercus agrifolia	Coast Live Oak	10+24	26	40	50	4	3	26	6.5	Yes	No	None	None at this time
164	Quercus agrifolia	Coast Live Oak	6+7+8	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
165	Umbellularia californica	Bay Laurel	9+10	13	25	40	4	3	13	3.3	Yes	No	Pyrophytic	Removal of Fuel
166	Quercus lobata	Valley Oak	16	16	25	30	4	3	16	4.0	Yes	No	None	None at this time
167	Quercus agrifolia	Coast Live Oak	7	7	15	18	4	3	7	1.8	Yes	No	None	None at this time
168	Quercus agrifolia	Coast Live Oak	7+18	19	40	50	4	3	19	4.8	Yes	No	None	None at this time
170	Quercus agrifolia	Coast Live Oak	10	10	35	26	4	3	10	2.5	Yes	No	Significant	Protection Measures
171	Quercus agrifolia	Coast Live Oak	12+12	17	40	50	4	3	17	4.3	Yes	No	None	None at this time
172	Quercus agrifolia	Coast Live Oak	10	10	35	25	4	3	10	2.5	Yes	No	None	None at this time
173	Quercus agrifolia	Coast Live Oak	25	25	40	50	4	3	25	6.3	Yes	No	Significant	Protection Measures
174	Quercus agrifolia	Coast Live Oak	23	23	40	45	4	3	23	5.8	Yes	No	Significant	Protection Measures
175	Quercus agrifolia	Coast Live Oak	11	11	35	25	4	3	11	2.8	Yes	No	None	None at this time
176	Quercus agrifolia	Coast Live Oak	12	12	25	40	4	3	2	3.0	Yes	No	None	None at this time
177	Quercus agrifolia	Coast Live Oak	6+10+6	13	25	40	4	3	13	3.3	Yes	No	None	None at this time
178	Quercus lobata	Valley Oak	7	7	20	20	4	3	7	1.8	Yes	No	None	None at this time
179	Quercus agrifolia	Coast Live Oak	23	23	40	45	4	3	23	5.8	Yes	No	Moderate	Protection Measures
181	Quercus agrifolia	Coast Live Oak	10+16	19	35	50	4	3	19	4.8	Yes	No	Moderate	Protection Measures
182	Quercus agrifolia	Coast Live Oak	18	18	40	50	4	3	18	4.5	Yes	No	In Road	Remove for Main Road
183	Quercus agrifolia	Coast Live Oak	10	10	35	25	4	3	10	2.5	Yes	No	In Road	Remove for Main Road
184	Quercus agrifolia	Coast Live Oak	13	13	25	40	4	3	13	3.3	Yes	No	Significant	Remove for Main Road
185	Quercus agrifolia	Coast Live Oak	8	8	20	20	4	3	8	2.0	Yes	No	Significant	Remove for Main Road
186	Quercus agrifolia	Coast Live Oak	7+8	11	35	25	4	3	11	2.8	Yes	No	Significant	Protection Measures
187	Quercus agrifolia	Coast Live Oak	18	18	35	40	4	3	18	4.5	Yes	No	Significant	Protection Measures
189	Quercus agrifolia	Coast Live Oak	12+12	17	25	30	4	3	17	4.3	Yes	No	Moderate	Remove for Main Road
190	Quercus agrifolia	Coast Live Oak	18+12+21	30	40	60	4	3	30	7.5	Yes	No	Moderate	Protection Measures
191	Quercus agrifolia	Coast Live Oak	25	25	30	50	4	3	25	6.3	Yes	No	Significant	Remove for Main Road
192	Quercus agrifolia	Coast Live Oak	8+12+12+14+18	30	30	60	4	3	30	7.5	Yes	No	In Road	Remove for Main Road
193	Quercus agrifolia	Coast Live Oak	12	12	34	40	4	3	12	3.0	Yes	No	Significant	Protection Measures
194	Quercus agrifolia	Coast Live Oak	13	13	35	40	4	3	13	3.3	Yes	No	Significant	Protection Measures
195	Quercus agrifolia	Coast Live Oak	8+12+12+14+18	30	40	60	4	3	30	7.5	Yes	No	Significant	Protection Measures
196	Quercus agrifolia	Coast Live Oak	18	18	38	50	4	3	18	4.5	Yes	No	Moderate	Protection Measures

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
197	Quercus agrifolia	Coast Live Oak	19	19	35	40	4	3	19	4.8	Yes	No	Significant	Remove for Main Road
198	Quercus agrifolia	Coast Live Oak	6	6	35		4	3	6	1.5	Yes	No	Significant	Remove for Main Road
199	Quercus kelloggii	Black Oak	11+11	16	35		4	3	16	4.0	Yes	No	Significant	Remove for Main Road
200	Quercus agrifolia	Coast Live Oak	7	7	25	24	4	3	7	1.8	Yes	No	None	None at this time
201	Quercus agrifolia	Coast Live Oak	13	13	35	40	4	3	13	3.3	Yes	No	None	None at this time
202	Quercus kelloggii	Black Oak	12	12	35	35	4	3	12	3.0	Yes	No	None	None at this time
203	Quercus agrifolia	Coast Live Oak	11	11	30	24	4	3	11	2.8	Yes	No	None	None at this time
204	Quercus agrifolia	Coast Live Oak	8	13	25	40	4	3	13	3.3	Yes	No	None	None at this time
205	Quercus kelloggii	Black Oak	6	12	25	40	4	3	13	3.0	Yes	No	None	None at this time
206	Quercus agrifolia	Coast Live Oak	6	11	25	40	4	3	12	2.8	Yes	No	None	None at this time
207	Quercus agrifolia	Coast Live Oak	9	8	20	20	4	3	11	2.0	Yes	No	None	None at this time
208	Quercus agrifolia	Coast Live Oak	6	6	35		4	3	6	1.5	Yes	No	None	None at this time
209	Quercus agrifolia	Coast Live Oak	6	6	18	20	4	3	6	1.5	Yes	No	None	None at this time
210	Quercus agrifolia	Coast Live Oak	23	23	35	50	4	3	23	5.8	Yes	No	None	None at this time
211	Quercus agrifolia	Coast Live Oak	7	7	20	20	4	3	7	1.8	Yes	No	None	None at this time
212	Quercus agrifolia	Coast Live Oak	6	6	15	20	4	3	6	1.5	Yes	No	None	None at this time
213	Quercus agrifolia	Coast Live Oak	12	12	24	40	4	3	12	3.0	Yes	No	Moderate	Protection Measures
214	Quercus agrifolia	Coast Live Oak	14	14	30	25	4	3	14	3.5	Yes	No	None	None at this time
215	Quercus agrifolia	Coast Live Oak	12+9	15	30	45	4	3	15	3.8	Yes	No	None	None at this time
216	Quercus kelloggii	Black Oak	7+8+9	14	30	45	4	3	14	3.5	Yes	No	None	None at this time
217	Quercus kelloggii	Black Oak	10	10	35	28	4	3	10	2.5	Yes	No	None	None at this time
219	Quercus kelloggii	Black Oak	12+18	22	30	50	4	3	22	5.5	Yes	No	None	None at this time
221	Quercus agrifolia	Coast Live Oak	15+15+14	25	30	55	4	3	25	6.3	Yes	No	In Road	Remove for Main Road
222	Quercus lobata	Valley Oak	12	12	30	40	4	3	12	3.0	Yes	No	Significant	Protection Measures
223	Quercus agrifolia	Coast Live Oak	11+10	15	30	45	4	3	15	3.8	Yes	No	None	None at this time
224	Umbellularia californica	Bay Laurel	6+5+4+3+3+3	10	35	40	4	3	10	2.5	Yes	No	Pyrophytic	Removal of Fuel
225	Quercus kelloggii	Black Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
226	Quercus kelloggii	Black Oak	14	14	26	45	4	3	14	3.5	Yes	No	None	None at this time
227	Quercus agrifolia	Coast Live Oak	9	9	14	20	4	3	9	2.3	Yes	No	None	None at this time
228	Quercus lobata	Valley Oak	12	12	25	40	4	3	12	3.0	Yes	No	None	None at this time
230	Quercus agrifolia	Coast Live Oak	6	6	14	18	4	3	6	1.5	Yes	No	None	None at this time
231	Quercus agrifolia	Coast Live Oak	15+19	24	24	60	4	3	24	6.0	Yes	No	Low	Protection Measures
232	Quercus agrifolia	Coast Live Oak	16+18+12	27	30	60	4	3	27	6.8	Yes	No	Significant	Protection Measures

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
233	Quercus agrifolia	Coast Live Oak	6	6	15	18	4	3	6	1.5	Yes	No	None	None at this time
234	Quercus agrifolia	Coast Live Oak	16	16	25	30	4	3	16	4.0	Yes	No	In Road	Remove for Main Road
235	Quercus agrifolia	Coast Live Oak	13	13	35	30	4	3	13	3.3	Yes	No	In Road	Remove for Main Road
236	Quercus lobata	Valley Oak	6	6	15	18	4	3	6	1.5	Yes	No	None	None at this time
237	Quercus kelloggii	Black Oak	6+6+12	15	25	30	4	3	15	3.8	Yes	No	None	None at this time
238	Quercus agrifolia	Coast Live Oak	6+9	11	35	30	4	3	11	2.8	Yes	No	None	None at this time
239	Quercus agrifolia	Coast Live Oak	10	10	35	30	4	3	10	2.5	Yes	No	None	None at this time
240	Quercus agrifolia	Coast Live Oak	6+11	13	25	30	4	3	13	3.3	Yes	No	None	None at this time
241	Quercus agrifolia	Coast Live Oak	8+10+11+12+12	24	40	50	4	3	24	6.0	Yes	No	Low	Protection Measures
242	Quercus agrifolia	Coast Live Oak	8	8	20	18	4	3	8	2.0	Yes	No	None	None at this time
243	Quercus agrifolia	Coast Live Oak	12	12	25	30	4	3	12	3.0	Yes	No	None	None at this time
244	Quercus agrifolia	Coast Live Oak	13	13	25	30	4	3	13	3.3	Yes	No	None	None at this time
245	Quercus agrifolia	Coast Live Oak	12	12	25	30	4	3	12	3.0	Yes	No	None	None at this time
246	Quercus agrifolia	Coast Live Oak	16	16	25	35	4	3	16	4.0	Yes	No	None	None at this time
247	Quercus kelloggii	Black Oak	12	12	25	30	4	3	12	3.0	Yes	No	None	None at this time
248	Quercus agrifolia	Coast Live Oak	4+4+5+12	14	24	44	4	3	14	3.5	Yes	No	None	None at this time
249	Quercus agrifolia	Coast Live Oak	8	8	20	20	4	3	8	2.0	Yes	No	Significant	Remove for Main Road
250	Quercus agrifolia	Coast Live Oak	12	12	25	30	4	3	12	3.0	Yes	No	Significant	Remove for Main Road
251	Quercus agrifolia	Coast Live Oak	7	7	20	20	4	3	12	1.8	Yes	No	Significant	Remove for Main Road
252	Quercus kelloggii	Black Oak	15	15	25	30	4	3	7	3.8	Yes	No	Significant	Remove for Main Road
253	Quercus agrifolia	Coast Live Oak	6+7	9	30	24	4	3	9	2.3	Yes	No	Significant	Remove for Main Road
254	Quercus agrifolia	Coast Live Oak	10	10	30	24	4	3	9	2.5	Yes	No	None	None at this time
255	Quercus kelloggii	Black Oak	12	12	25	30	4	3	12	3.0	Yes	No	None	None at this time
256	Quercus kelloggii	Black Oak	6+5	8	30	24	4	3	8	2.0	Yes	No	None	None at this time
257	Quercus kelloggii	Black Oak	12+13	18	30	40	4	3	18	4.5	Yes	No	Moderate	Protection Measures
258	Quercus agrifolia	Coast Live Oak	11	11	30	24	4	3	11	2.8	Yes	No	None	None at this time
259	Quercus agrifolia	Coast Live Oak	13	13	25	30	4	3	13	3.3	Yes	No	None	None at this time
260	Quercus agrifolia	Coast Live Oak	7	7	20	20	4	3	7	1.8	Yes	No	None	None at this time
261	Quercus agrifolia	Coast Live Oak	11	11	30	24	4	3	11	2.8	Yes	No	None	None at this time
262	Umbellularia californica	Bay Laurel	10+18	21	40	50	4	3	21	5.3	Yes	No	Pyrophytic	Removal of Fuel
263	Quercus agrifolia	Coast Live Oak	9	9	25	30	4	3	9	2.3	Yes	No	None	None at this time
264	Quercus agrifolia	Coast Live Oak	16	16	30	35	4	3	16	4.0	Yes	No	None	None at this time
265	Umbellularia californica	Bay Laurel	15	15	30	35	4	3	15	3.8	Yes	No	Pyrophytic	Removal of Fuel

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
266	Quercus kelloggii	Black Oak	18	18	40	30	4	3	18	4.5	Yes	No	Low	Protection Measures
267	Quercus agrifolia	Coast Live Oak	6+10+12+4	17	40	30	4	3	17	4.3	Yes	No	Low	Protection Measures
268	Quercus kelloggii	Black Oak	9	9	26	30	4	3	9	2.3	Yes	No	Moderate	Protection Measures
269	Quercus kelloggii	Black Oak	14	14	30	35	4	3	14	3.5	Yes	No	Moderate	Protection Measures
270	Quercus kelloggii	Black Oak	16	16	35	40	4	3	16	4.0	Yes	No	In Road	Remove for Main Road
271	Quercus kelloggii	Black Oak	8+10	13	35	40	4	3	13	3.3	Yes	No	Significant	Protection Measures
273	Quercus agrifolia	Coast Live Oak	12	12	35	40	4	3	12	3.0	Yes	No	Low	Protection Measures
274	Quercus agrifolia	Coast Live Oak	12+14+12+6+6	24	40	45	4	3	24	6.0	Yes	No	Significant	Protection Measures
275	Quercus kelloggii	Black Oak	6+5	8	35	28	4	3	8	2.0	Yes	No	None	None at this time
276	Quercus agrifolia	Coast Live Oak	19	19	35	40	4	3	19	4.8	Yes	No	Low	Protection Measures
277	Quercus agrifolia	Coast Live Oak	13	13	35	40	4	3	13	3.3	Yes	No	Significant	Remove for Main Road
278	Quercus kelloggii	Black Oak	8	8	35	30	4	3	8	2.0	Yes	No	Significant	Remove for Main Road
279	Arbutus menziesii	Madrone	12+13+13+16+14	30	40	45	4	3	30	7.5	Yes	No	Significant	Protection Measures
280	Arbutus menziesii	Madrone	12	12	35	30	4	3	12	3.0	Yes	No	None	None at this time
281	Quercus agrifolia	Coast Live Oak	6	6	25	24	4	3	6	1.5	Yes	No	None	None at this time
282	Quercus agrifolia	Coast Live Oak	8	8	35	28	4	3	8	2.0	Yes	No	None	None at this time
283	Quercus agrifolia	Coast Live Oak	8	8	30	27	4	3	8	2.0	Yes	No	None	None at this time
284	Quercus agrifolia	Coast Live Oak	7	7	25	25	4	3	7	1.8	Yes	No	None	None at this time
285	Quercus agrifolia	Coast Live Oak	12	12	35	30	4	3	12	3.0	Yes	No	None	None at this time
286	Quercus agrifolia	Coast Live Oak	24	24	40	45	4	3	24	6.0	Yes	No	None	None at this time
287	Quercus agrifolia	Coast Live Oak	12+15	19	40	40	4	3	19	4.8	Yes	No	None	None at this time
288	Quercus kelloggii	Black Oak	9	9	30	28	4	3	9	2.3	Yes	No	None	None at this time
290	Quercus kelloggii	Black Oak	20	20	40	40	4	3	20	5.0	Yes	No	None	None at this time
291	Quercus agrifolia	Coast Live Oak	8	8	30	26	4	3	8	2.0	Yes	No	None	None at this time
292	Quercus kelloggii	Black Oak	5+6	8	30	26	4	3	8	2.0	Yes	No	None	None at this time
293	Quercus agrifolia	Coast Live Oak	7	7	25	25	4	3	7	1.8	Yes	No	None	None at this time
294	Quercus agrifolia	Coast Live Oak	13	13	35	30	4	3	13	3.3	Yes	No	None	None at this time
295	Quercus agrifolia	Coast Live Oak	16+16	23	40	40	4	3	23	5.8	Yes	No	None	None at this time
296	Quercus agrifolia	Coast Live Oak	6	6	20	24	4	3	6	1.5	Yes	No	None	None at this time
297	Quercus agrifolia	Coast Live Oak	8	8	30	38	4	3	8	2.0	Yes	No	None	None at this time
298	Quercus agrifolia	Coast Live Oak	8	8	30	36	4	3	8	2.0	Yes	No	None	None at this time
299	Quercus agrifolia	Coast Live Oak	6+10	12	35	40	4	3	12	3.0	Yes	No	None	None at this time
300	Quercus agrifolia	Coast Live Oak	6	6	20	24	4	3	6	1.5	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
301	Quercus agrifolia	Coast Live Oak	13	13	35	40	4	3	13	3.3	Yes	No	None	None at this time
302	Quercus agrifolia	Coast Live Oak	9	9	30	30	4	3	9	2.3	Yes	No	Low	Protection Measures
303	Quercus kelloggii	Black Oak	6	6	20	24	4	3	6	1.5	Yes	No	None	None at this time
304	Quercus agrifolia	Coast Live Oak	9+7	11	30	28	4	3	11	2.8	Yes	No	In Road	Remove for Main Road
305	Quercus agrifolia	Coast Live Oak	7+5	9	30	30	4	3	9	2.3	Yes	No	Significant	Protection Measures
306	Quercus agrifolia	Coast Live Oak	12+8	14	35	30	4	3	14	3.5	Yes	No	CRZ	Probable Removal
307	Quercus agrifolia	Coast Live Oak	7	7	21	24	4	3	7	1.8	Yes	No	None	None at this time
308	Quercus agrifolia	Coast Live Oak	20	20	40	40	4	3	20	5.0	Yes	No	None	None at this time
309	Quercus lobata	Valley Oak	6	6	22	24	4	3	6	1.5	Yes	No	None	None at this time
310	Quercus agrifolia	Coast Live Oak	6	6	20	24	4	3	6	1.5	Yes	No	None	None at this time
311	Quercus agrifolia	Coast Live Oak	9	9	30	36	4	3	9	2.3	Yes	No	None	None at this time
312	Quercus agrifolia	Coast Live Oak	12+15	13	35	30	4	3	13	3.3	Yes	No	None	None at this time
313	Quercus agrifolia	Coast Live Oak	6	6	20	25	4	3	6	1.5	Yes	No	None	None at this time
314	Quercus agrifolia	Coast Live Oak	14+21	26	40	45	4	3	26	6.5	Yes	No	None	None at this time
315	Arbutus menziesii	Madrone	9+10+3+3	14	35	30	4	3	14	3.5	Yes	No	None	None at this time
316	Quercus agrifolia	Coast Live Oak	28	28	40	45	4	3	28	7.0	Yes	No	None	None at this time
317	Quercus agrifolia	Coast Live Oak	6+12	26	40	45	4	3	26	6.5	Yes	No	None	None at this time
318	Quercus agrifolia	Coast Live Oak	6	6	20	20	4	3	6	1.5	Yes	No	None	None at this time
319	Quercus kelloggii	Black Oak	10	10	30	30	4	3	10	2.5	Yes	No	None	None at this time
320	Quercus agrifolia	Coast Live Oak	21	21	35	36	4	3	21	5.3	Yes	No	Moderate	Protection Measures
321	Quercus agrifolia	Coast Live Oak	7	7	22	28	4	3	7	1.8	Yes	No	In Road	Remove for Main Road
322	Quercus agrifolia	Coast Live Oak	8	8	24	20	4	3	8	2.0	Yes	No	None	None at this time
323	Arbutus menziesii	Madrone	12+12+10+10	22	40	42	4	3	22	5.5	Yes	No	None	None at this time
324	Umbellularia californica	Bay Laurel	7	7	16	18	4	3	7	1.8	Yes	No	Pyrophytic	Removal of Fuel
325	Umbellularia californica	Bay Laurel	8	8	16	12	4	3	8	2.0	Yes	No	Pyrophytic	Removal of Fuel
326	Arbutus menziesii	Madrone	18+18	25	40	50	4	3	25	6.3	Yes	No	None	None at this time
327	Arbutus menziesii	Madrone	4+10	11	32	24	4	3	11	2.8	Yes	No	None	None at this time
328	Quercus kelloggii	Black Oak	7	7	15	18	4	3	7	1.8	Yes	No	None	None at this time
329	Quercus kelloggii	Black Oak	12	12	30	24	4	3	12	3.0	Yes	No	None	None at this time
330	Quercus agrifolia	Coast Live Oak	7	7	15	16	4	3	7	1.8	Yes	No	None	None at this time
331	Quercus agrifolia	Coast Live Oak	7	7	15	15	4	3	7	1.8	Yes	No	None	None at this time
332	Quercus kelloggii	Black Oak	7	7	15	16	4	3	7	1.8	Yes	No	None	None at this time
333	Umbellularia californica	Bay Laurel	4+10	11	30	24	4	3	11	2.8	Yes	No	Pyrophytic	Removal of Fuel

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
334	Quercus kelloggii	Black Oak	7	7	16	16	4	3	7	1.8	Yes	No	None	None at this time
335	Quercus kelloggii	Black Oak	12	12	30	30	4	3	12	3.0	Yes	No	None	None at this time
336	Quercus kelloggii	Black Oak	7	7	16	12	4	3	7	1.8	Yes	No	None	None at this time
337	Quercus agrifolia	Coast Live Oak	7	7	15	18	4	3	7	1.8	Yes	No	None	None at this time
338	Quercus agrifolia	Coast Live Oak	10	10	30	36	4	3	10	2.5	Yes	No	None	None at this time
339	Quercus agrifolia	Coast Live Oak	12	12	35	35	4	3	12	3.0	Yes	No	None	None at this time
340	Quercus kelloggii	Black Oak	12	12	30	30	4	3	12	3.0	Yes	No	None	None at this time
341	Quercus agrifolia	Coast Live Oak	14	14	35	28	4	3	14	3.5	Yes	No	None	None at this time
342	Arbutus menziesii	Madrone	16	16	35	30	4	3	16	4.0	Yes	No	None	None at this time
343	Umbellularia californica	Bay Laurel	8	8	16	16	4	3	8	2.0	Yes	No	Pyrophytic	Removal of Fuel
344	Umbellularia californica	Bay Laurel	6+7+8	12	30	30	4	3	12	3.0	Yes	No	Pyrophytic	Removal of Fuel
345	Quercus agrifolia	Coast Live Oak	9	9	25	24	4	3	9	2.3	Yes	No	None	None at this time
346	Arbutus menziesii	Madrone	8+9+12	17	40	42	4	3	17	4.3	Yes	No	None	None at this time
347	Quercus agrifolia	Coast Live Oak	7+7	11	35	32	4	3	11	2.8	Yes	No	None	None at this time
348	Quercus agrifolia	Coast Live Oak	12+13+18	25	40	50	4	3	25	6.3	Yes	No	None	None at this time
349	Quercus agrifolia	Coast Live Oak	7+7	11	25	24	4	3	11	2.8	Yes	No	None	None at this time
350	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	None	None at this time
351	Quercus agrifolia	Coast Live Oak	8	8	16	18	4	3	8	2.0	Yes	No	None	None at this time
352	Quercus agrifolia	Coast Live Oak	12	12	30	32	4	3	12	3.0	Yes	No	None	None at this time
353	Arbutus menziesii	Madrone	12+14+10+15	26	40	50	4	3	26	6.5	Yes	No	None	None at this time
354	Umbellularia californica	Bay Laurel	11+11	16	35	38	4	3	16	4.0	Yes	No	Pyrophytic	Removal of Fuel
355	Umbellularia californica	Bay Laurel	11	11	25	20	4	3	11	2.8	Yes	No	Pyrophytic	Removal of Fuel
356	Umbellularia californica	Bay Laurel	7	7	18	20	4	3	7	1.8	Yes	No	Pyrophytic	Removal of Fuel
357	Quercus agrifolia	Coast Live Oak	7	7	18	20	4	3	7	1.8	Yes	No	None	None at this time
358	Quercus agrifolia	Coast Live Oak	12	12	30	36	4	3	12	3.0	Yes	No	None	None at this time
359	Quercus kelloggii	Black Oak	13	13	30	34	4	3	13	3.3	Yes	No	None	None at this time
360	Quercus kelloggii	Black Oak	8+4	9	16	18	4	3	9	2.3	Yes	No	None	None at this time
362	Arbutus menziesii	Madrone	11	11	30	24	4	3	11	2.8	Yes	No	None	None at this time
363	Quercus kelloggii	Black Oak	14	14	30	3308	4	3	14	3.5	Yes	No	None	None at this time
364	Quercus kelloggii	Black Oak	18	18	35	45	4	3	18	4.5	Yes	No	None	None at this time
365	Quercus agrifolia	Coast Live Oak	13	13	35	28	4	3	13	3.3	Yes	No	None	None at this time
366	Umbellularia californica	Bay Laurel	12	12	35	28	4	3	12	3.0	Yes	No	Pyrophytic	Removal of Fuel
367	Quercus lobata	Valley Oak	7	7	25	24	4	3	7	1.8	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
368	Quercus agrifolia	Coast Live Oak	12+7	14	30	26	4	3	14	3.5	Yes	No	None	None at this time
369	Quercus agrifolia	Coast Live Oak	11+8	14	30	26	4	3	14	3.5	Yes	No	None	None at this time
370	Umbellularia californica	Bay Laurel	10+12+10+10+3	21	40	35	4	3	21	5.3	Yes	No	Pyrophytic	Removal of Fuel
371	Quercus agrifolia	Coast Live Oak	13+13+19	26	40	60	4	3	26	6.5	Yes	No	None	None at this time
372	Quercus agrifolia	Coast Live Oak	12+12+25	20	45	60	3	2	20	5.0	Yes	No	None	None at this time
373	Quercus agrifolia	Coast Live Oak	19	19	40	50	4	3	19	4.8	Yes	No	None	None at this time
374	Quercus kelloggii	Black Oak	7+8+11	16	30	28	4	3	16	4.0	Yes	No	None	None at this time
375	Quercus kelloggii	Black Oak	8	8	25	24	4	3	8	2.0	Yes	No	None	None at this time
376	Quercus kelloggii	Black Oak	8	8	25	24	4	3	8	2.0	Yes	No	None	None at this time
377	Quercus agrifolia	Coast Live Oak	15+18+13	27	40	40	4	3	27	6.8	Yes	No	None	None at this time
378	Quercus agrifolia	Coast Live Oak	14+5	15	30	28	4	3	15	3.8	Yes	No	None	None at this time
379	Quercus agrifolia	Coast Live Oak	8+18	20	40	50	4	3	20	5.0	Yes	No	None	None at this time
381	Quercus kelloggii	Black Oak	10	10	35	26	4	3	33	2.5	Yes	No	Significant	Protection Measures
382	Quercus agrifolia	Coast Live Oak	11	11	35	26	4	3	10	2.8	Yes	No	Moderate	Protection Measures
383	Pseudotsuga menziesii	Douglas Fir	24	24	40	50	4	3	11	6.0	Yes	No	In Road	Remove for Main Road
384	Quercus agrifolia	Coast Live Oak	12	12	35	28	4	3	12	3.0	Yes	No	None	None at this time
386	Quercus kelloggii	Black Oak	12	12	35	28	4	3	12	3.0	Yes	No	None	None at this time
387	Quercus agrifolia	Coast Live Oak	8+14+18	18	40	40	4	3	18	4.5	Yes	No	None	None at this time
388	Quercus kelloggii	Black Oak	8+8	15	25	40	4	3	15	3.8	Yes	No	None	None at this time
389	Arbutus menziesii	Madrone	11+7	13	25	45	4	2	7	3.3	Yes	No	None	None at this time
390	Umbellularia californica	Bay Laurel	3	3	12	12	4	3	3	0.8	Yes	No	Pyrophytic	Removal of Fuel
391	Umbellularia californica	Bay Laurel	7	7	14	24	2	3	24	1.8	Yes	No	Pyrophytic	Removal of Fuel
392	Quercus agrifolia	Coast Live Oak	16	16	40	50	4	2	6	4.0	Yes	No	None	None at this time
393	Quercus agrifolia	Coast Live Oak	10	10	35	26	4	2	6	2.5	Yes	No	None	None at this time
394	Quercus agrifolia	Coast Live Oak	10	10	30	20	2	3	10	2.5	Yes	No	None	None at this time
395	Quercus kelloggii	Black Oak	24	24	40	25	4	3	24	6.0	Yes	No	None	None at this time
396	Quercus agrifolia	Coast Live Oak	12	12	30	42	4	3	12	3.0	Yes	No	None	None at this time
397	Quercus agrifolia	Coast Live Oak	14	14	35	35	4	3	14	3.5	Yes	No	None	None at this time
398	Umbellularia californica	Bay Laurel	13	13	30	38	4	3	13	3.3	Yes	No	Pyrophytic	Removal of Fuel
399	Quercus agrifolia	Coast Live Oak	18	18	40	44	4	3	18	4.5	Yes	No	None	None at this time
400	Quercus agrifolia	Coast Live Oak	8	8	16	18	4	3	8	2.0	Yes	No	None	None at this time
401	Umbellularia californica	Bay Laurel	6	6	16	16	3	3	6	1.5	Yes	No	Pyrophytic	Removal of Fuel
402	Quercus lobata	Valley Oak	8	8	16	18	4	3	8	2.0	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
403	Quercus agrifolia	Coast Live Oak	14	14	30	38	4	3	14	3.5	Yes	No	None	None at this time
405	Arbutus menziesii	Madrone	13	13	30	38	4	3	13	3.3	Yes	No	None	None at this time
406	Quercus lobata	Valley Oak	12	12	30	38	4	3	12	3.0	Yes	No	None	None at this time
407	Quercus agrifolia	Coast Live Oak	10	10	30	24	4	3	10	2.5	Yes	No	None	None at this time
408	Quercus kelloggii	Black Oak	13+19	23	40	44	4	3	23	5.8	Yes	No	Low	Protection Measures
409	Quercus agrifolia	Coast Live Oak	8	8	16	20	4	3	8	2.0	Yes	No	None	None at this time
410	Quercus agrifolia	Coast Live Oak	6	6	15	16	4	3	6	1.5	Yes	No	None	None at this time
411	Quercus agrifolia	Coast Live Oak	6	6	15	16	4	3	6	1.5	Yes	No	None	None at this time
412	Quercus agrifolia	Coast Live Oak	6	6	15	16	4	3	6	1.5	Yes	No	None	None at this time
413	Quercus agrifolia	Coast Live Oak	7	7	18	18	4	3	7	1.8	Yes	No	None	None at this time
414	Quercus agrifolia	Coast Live Oak	12	12	30	38	4	3	12	3.0	Yes	No	None	None at this time
415	Quercus agrifolia	Coast Live Oak	15	15	35	42	4	3	15	3.8	Yes	No	None	None at this time
416	Quercus agrifolia	Coast Live Oak	12	12	30	38	4	3	12	3.0	Yes	No	None	None at this time
417	Quercus agrifolia	Coast Live Oak	7	7	16	18	4	3	7	1.8	Yes	No	None	None at this time
418	Quercus agrifolia		14	14	30	38	4	3	14	3.5	Yes	No	Low	Protection Measures
419	Quercus agrifolia	Coast Live Oak	9+9	13	30	40	4	3	13	3.3	Yes	No	Moderate	Protection Measures
420	Quercus agrifolia	Coast Live Oak	6	6	15	18	4	3	8	1.5	Yes	No	None	None at this time
421	Quercus kelloggii	Black Oak	8	8	16	18	4	3	8	2.0	Yes	No	Moderate	Protection Measures
422	Quercus agrifolia	Coast Live Oak	9	9	30	24	4	3	9	2.3	Yes	No	CRZ	Probable Removal
423	Quercus agrifolia	Coast Live Oak	8	8	16	18	4	3	8	2.0	Yes	No	Moderate	Protection Measures
424	Pinus radiata	Monterey Pine	14	14	30	36	4	3	14	3.5	Yes	No	Significant	Protection Measures
425	Quercus agrifolia	Coast Live Oak	6	6	15	16	4	3	6	1.5	Yes	No	None	None at this time
426	Quercus agrifolia	Coast Live Oak	8	8	18	20	4	3	8	2.0	Yes	No	None	None at this time
427	Quercus agrifolia	Coast Live Oak	8	8	18	20	4	3	8	2.0	Yes	No	Low	Protection Measures
428	Quercus kelloggii	Black Oak	8	8	18	20	4	3	8	2.0	Yes	No	None	None at this time
429	Quercus agrifolia	Coast Live Oak	8	8	18	20	4	3	8	2.0	Yes	No	None	None at this time
430	Quercus agrifolia	Coast Live Oak	8	8	18	20	4	3	8	2.0	Yes	No	None	None at this time
431	Quercus agrifolia	Coast Live Oak	10+11	15	30	36	4	3	15	3.8	Yes	No	None	None at this time
432	Quercus agrifolia	Coast Live Oak	8	8	18	20	4	3	8	2.0	Yes	No	None	None at this time
433	Quercus kelloggii	Black Oak	6	6	16	18	4	3	6	1.5	Yes	No	None	None at this time
434	Quercus kelloggii	Black Oak	8+11	14	30	36	4	3	14	3.5	Yes	No	None	None at this time
435	Quercus kelloggii	Black Oak	6	6	16	18	4	3	6	1.5	Yes	No	None	None at this time
436	Quercus kelloggii	Black Oak	6	6	16	18	4	3	6	1.5	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
437	Quercus agrifolia	Coast Live Oak	4+4+12+14+15	24	40	44	4	3	24	6.0	Yes	No	None	None at this time
438	Quercus agrifolia	Coast Live Oak	6	6	18	20	4	3	6	1.5	Yes	No	None	None at this time
439	Quercus agrifolia	Coast Live Oak	17	17	40	40	4	3	17	4.3	Yes	No	None	None at this time
440	Quercus agrifolia	Coast Live Oak	12	12	32	35	4	3	12	3.0	Yes	No	None	None at this time
441	Quercus agrifolia	Coast Live Oak	11	11	30	24	4	3	11	2.8	Yes	No	None	None at this time
442	Quercus agrifolia	Coast Live Oak	8	8	16	20	4	3	8	2.0	Yes	No	None	None at this time
443	Umbellularia californica	Bay Laurel	6+5	8	15	16	4	3	8	2.0	Yes	No	Pyrophytic	Removal of Fuel
444	Quercus kelloggii	Black Oak	24	24	40	42	4	3	24	6.0	Yes	No	None	None at this time
445	Quercus kelloggii	Black Oak	8	8	15	16	4	3	8	2.0	Yes	No	None	None at this time
446	Umbellularia californica	Bay Laurel	6+6	9	25	20	4	3	9	2.3	Yes	No	Pyrophytic	Removal of Fuel
447	Arbutus menziesii	Madrone	12	12	39	32	4	3	12	3.0	Yes	No	None	None at this time
448	Quercus agrifolia	Coast Live Oak	11	11	30	30	4	3	11	2.8	Yes	No	None	None at this time
449	Quercus kelloggii	Black Oak	11	11	30	32	4	3	11	2.8	Yes	No	None	None at this time
450	Arbutus menziesii	Madrone	7+12	14	32	30	4	3	14	3.5	Yes	No	None	None at this time
451	Quercus kelloggii	Black Oak	8+13	15	32	28	4	3	15	3.8	Yes	No	None	None at this time
452	Umbellularia californica	Bay Laurel	6+9	11	30	32	4	3	11	2.8	Yes	No	Pyrophytic	Removal of Fuel
453	Umbellularia californica	Bay Laurel	8	8	15	16	4	3	8	2.0	Yes	No	Pyrophytic	Removal of Fuel
454	Heteromeles arbutifolia	Toyon	6	6	15	16	4	3	6	1.5	Yes	No	None	None at this time
455	Arbutus menziesii	Madrone	6+5	8	18	18	4	3	8	2.0	Yes	No	None	None at this time
456	Umbellularia californica	Bay Laurel	13	13	30	32	4	3	13	3.3	Yes	No	Pyrophytic	Removal of Fuel
457	Quercus agrifolia	Coast Live Oak	7+12+14	20	35	35	4	3	20	5.0	Yes	No	None	None at this time
458	Quercus kelloggii	Black Oak	13	13	30	32	4	3	13	3.3	Yes	No	None	None at this time
459	Pseudotsuga menziesii	Douglas Fir	15	15	30	40	4	3	15	3.8	Yes	No	Pyrophytic	Removal of Fuel
460	Quercus agrifolia	Coast Live Oak	7+7	10	30	24	4	3	10	2.5	Yes	No	None	None at this time
461	Quercus agrifolia	Coast Live Oak	5+10	11	30	24	4	3	11	2.8	Yes	No	None	None at this time
462	Quercus agrifolia	Coast Live Oak	13+16+20	29	45	50	4	3	29	7.3	Yes	No	None	None at this time
463	Quercus lobata	Valley Oak	15	15	30	40	4	3	15	3.8	Yes	No	None	None at this time
464	Quercus lobata	Valley Oak	16	16	30	35	4	3	16	4.0	Yes	No	None	None at this time
465	Quercus lobata	Valley Oak	12+12+12+9	23	35	40	4	3	23	5.8	Yes	No	None	None at this time
466	Quercus agrifolia	Coast Live Oak	10	10	30	20	4	3	10	2.5	Yes	No	Moderate	Protection Measures
467	Quercus agrifolia	Coast Live Oak	6+7	9	28	20	4	3	9	2.3	Yes	No	None	None at this time
468	Quercus agrifolia	Coast Live Oak	12	12	30	30	4	3	12	3.0	Yes	No	LOT #10	None at this time
469	Quercus agrifolia	Coast Live Oak	6	6	18	12	4	3	6	1.5	Yes	No	LOT #10	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
470	Quercus agrifolia	Coast Live Oak	6+7	9	28	26	4	3	9	2.3	Yes	No	LOT #10	None at this time
471	Quercus agrifolia	Coast Live Oak	4+6+7	10	30	24	4	3	10	2.5	Yes	No	LOT #10	None at this time
472	Quercus agrifolia	Coast Live Oak	12+12	17	30	28	4	3	17	4.3	Yes	No	LOT #10	None at this time
473	Quercus kelloggii	Black Oak	7	7	16	12	4	3	7	1.8	Yes	No	LOT #10	None at this time
474	Quercus agrifolia	Coast Live Oak	11+18	21	35	30	4	3	21	5.3	Yes	No	LOT #10	None at this time
475	Quercus agrifolia	Coast Live Oak	13	13	30	36	4	3	13	3.3	Yes	No	LOT #10	None at this time
476	Quercus agrifolia	Coast Live Oak	18	18	30	38	4	3	18	4.5	Yes	No	None	None at this time
477	Umbellularia californica	Bay Laurel	12	12	30	36	4	3	12	3.0	Yes	No	Pyrophytic	Removal of Fuel
478	Quercus agrifolia	Coast Live Oak	22	22	35	30	4	3	22	5.5	Yes	No	None	None at this time
479	Quercus agrifolia	Coast Live Oak	4+6	7	15	14	4	3	7	1.8	Yes	No	None	None at this time
480	Quercus agrifolia	Coast Live Oak	19	19	40	40	4	3	19	4.8	Yes	No	None	None at this time
481	Quercus agrifolia	Coast Live Oak	7+5	9	30	14	4	3	9	2.3	Yes	No	None	None at this time
482	Quercus agrifolia	Coast Live Oak	10+16	19	40	42	4	3	19	4.8	Yes	No	None	None at this time
483	Pinus radiata	Monterey Pine	7	7	15	12	4	3	7	1.8	Yes	No	None	None at this time
484	Quercus agrifolia	Coast Live Oak	4+5+7	9	26	28	4	3	9	2.3	Yes	No	None	None at this time
485	Quercus agrifolia	Coast Live Oak	6	6	15	12	4	3	6	1.5	Yes	No	None	None at this time
486	Quercus agrifolia	Coast Live Oak	7+7	10	30	24	4	3	10	2.5	Yes	No	None	None at this time
487	Arbutus menziesii	Madrone	10+12	16	35	38	8	3	16	4.0	Yes	No	None	None at this time
488	Quercus agrifolia	Coast Live Oak	13	13	18	20	4	3	13	3.3	Yes	No	None	None at this time
489	Quercus agrifolia	Coast Live Oak	12+12+13	21	40	44	4	3	21	5.3	Yes	No	None	None at this time
490	Quercus agrifolia	Coast Live Oak	7	7	18	20	4	3	7	1.8	Yes	No	None	None at this time
491	Quercus lobata	Valley Oak	9	9	30	24	4	3	9	2.3	Yes	No	None	None at this time
492	Quercus agrifolia	Coast Live Oak	6	6	14	12	4	3	6	1.5	Yes	No	None	None at this time
493	Quercus agrifolia	Coast Live Oak	6	6	14	12	4	3	6	1.5	Yes	No	None	None at this time
494	Quercus agrifolia	Coast Live Oak	6	6	15	12	4	3	6	1.5	Yes	No	LOT #9	None at this time
495	Quercus agrifolia	Coast Live Oak	12	12	30	36	4	3	12	3.0	Yes	No	In Road	Remove for Main Road
496	Quercus agrifolia	Coast Live Oak	7	7	18	20	4	3	7	1.8	Yes	No	Low	Protection Measures
497	Quercus agrifolia	Coast Live Oak	6+5	8	18	22	4	3	8	2.0	Yes	No	None	None at this time
498	Quercus agrifolia	Coast Live Oak	12	12	30	38	4	3	12	3.0	Yes	No	Significant	Remove for Main Road
499	Quercus agrifolia	Coast Live Oak	8	8	18	24	4	3	8	2.0	Yes	No	In Road	Remove for Main Road
500	Quercus agrifolia	Coast Live Oak	6	6	15	12	4	3	6	1.5	Yes	No	None	None at this time
501	Quercus agrifolia	Coast Live Oak	7+6	9	16	20	4	3	9	2.3	Yes	No	None	None at this time
502	Quercus agrifolia	Coast Live Oak	6	6	15	12	4	3	6	1.5	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
503	Quercus agrifolia	Coast Live Oak	6	6	14	15	4	3	6	1.5	Yes	No	None	None at this time
504	Quercus agrifolia	Coast Live Oak	6	6	14	14	4	3	6	1.5	Yes	No	None	None at this time
505	Quercus agrifolia	Coast Live Oak	6	6	15	14	4	3	6	1.5	Yes	No	None	None at this time
506	Quercus agrifolia	Coast Live Oak	7	7	15	16	4	3	7	1.8	Yes	No	None	None at this time
507	Quercus agrifolia	Coast Live Oak	7+5	9	25	24	4	3	9	2.3	Yes	No	Significant	Protection Measures
508	Quercus agrifolia	Coast Live Oak	6	6	14	15	4	3	6	1.5	Yes	No	None	None at this time
509	Quercus agrifolia	Coast Live Oak	6	6	15	12	4	3	6	1.5	Yes	No	LOT #9	None at this time
510	Quercus agrifolia	Coast Live Oak	6	6	14	14	4	3	6	1.5	Yes	No	LOT #9	None at this time
511	Quercus agrifolia	Coast Live Oak	8+13	15	30	24	4	3	15	3.8	Yes	No	None	None at this time
512	Quercus agrifolia	Coast Live Oak	5+6	9	25	24	4	3	9	2.3	Yes	No	None	None at this time
513	Quercus agrifolia	Coast Live Oak	6	6	18	14	4	3	6	1.5	Yes	No	None	None at this time
514	Quercus agrifolia	Coast Live Oak	8+8	11	25	24	4	3	11	2.8	Yes	No	None	None at this time
515	Quercus agrifolia	Coast Live Oak	8+7	11	25	24	4	3	11	2.8	Yes	No	None	None at this time
516	Quercus garryana	Oregon Oak	7	7	20	18	4	4	7	1.8	Yes	No	LOT #2	None at this time
517	Quercus agrifolia	Coast Live Oak	6	6	14	20	4	3	6	1.5	Yes	No	None	None at this time
518	Quercus agrifolia	Coast Live Oak	10	10	25	30	4	4	10	2.5	Yes	No	None	None at this time
519	Quercus agrifolia	Coast Live Oak	6	6	12	18	3	4	6	1.5	Yes	No	None	None at this time
520	Quercus agrifolia	Coast Live Oak	6	6	14	18	3	3	6	1.5	Yes	No	None	None at this time
521	Quercus garryana	Oregon Oak	10	10	21	24	4	4	10	2.5	Yes	No	None	None at this time
522	Quercus garryana	Oregon Oak	6	6	18	16	4	4	6	1.5	Yes	No	None	None at this time
523	Quercus agrifolia	Coast Live Oak	13	13	25	26	3	4	13	3.3	Yes	No	None	None at this time
524	Quercus agrifolia	Coast Live Oak	12+12+10+13	24	24	25	3	4	24	6.0	Yes	No	None	None at this time
526	Quercus agrifolia	Coast Live Oak	16+14	21	40	42	3	4	21	5.3	Yes	No	None	None at this time
527	Quercus agrifolia	Coast Live Oak	13	13	38	40	3	4	13	3.3	Yes	No	None	None at this time
528	Quercus agrifolia	Coast Live Oak	13	13	38	40	3	4	13	3.3	Yes	No	None	None at this time
529	Quercus agrifolia	Coast Live Oak	15	22	40	38	3	4	22	5.5	Yes	No	None	None at this time
530	Quercus agrifolia	Coast Live Oak	10+10	14	30	28	3	4	14	3.5	Yes	No	In Road	Remove for Main Road
531	Quercus agrifolia	Coast Live Oak	10+10	14	30	28	3	4	14	3.5	Yes	No	In Road	Remove for Main Road
532	Quercus agrifolia	Coast Live Oak	8	8	18	18	3	4	8	2.0	Yes	No	None	None at this time
533	Quercus agrifolia	Coast Live Oak	6+5	8	18	20	3	4	8	2.0	Yes	No	None	None at this time
534	Quercus agrifolia	Coast Live Oak	30	30	40	30	3	2	30	7.5	Yes	No	None	None at this time
535	Quercus agrifolia	Coast Live Oak	23	23	40	20	2	3	23	5.8	Yes	No	None	None at this time
536	Quercus agrifolia	Coast Live Oak	24	24	40	21	3	3	24	6.0	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
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Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
537	Umbellularia californica	Bay Laurel	14+16+14	25.5	40	25	4	3	25.5	6.4	Yes	No	Pyrophytic	Removal of Fuel
538	Quercus agrifolia	Coast Live Oak	21	21	40	28	4	3	21	5.3	Yes	No	None	None at this time
539	Quercus agrifolia	Coast Live Oak	11+9+7+12	20	40	25	4	3	20	5.0	Yes	No	None	None at this time
541	Quercus agrifolia	Coast Live Oak	19+16	27.5	40	20	3	3	27.5	6.9	Yes	No	None	None at this time
542	Quercus agrifolia	Coast Live Oak	20	20	40	20	4	3	20	5.0	Yes	No	None	None at this time
543	Quercus agrifolia	Coast Live Oak	18	18	40	30	4	2	18	4.5	Yes	No	None	None at this time
544	Quercus agrifolia	Coast Live Oak	20	20	40	20	3	3	20	5.0	Yes	No	None	None at this time
545	Quercus agrifolia	Coast Live Oak	21	21	40	22	3	3	21	5.3	Yes	No	None	None at this time
546	Arbutus menziesii	Madrone	20.5	20.5	40	21	3	3	20.5	5.1	Yes	No	None	None at this time
547	Umbellularia californica	Bay Laurel	19	19	40	24	3	3	19	4.8	Yes	No	Pyrophytic	Removal of Fuel
548	Quercus agrifolia	Coast Live Oak	4x8+9	18.5	40	25	4	2	18.5	4.6	Yes	No	None	None at this time
550	Quercus kelloggii	Black Oak	17+16	23.5	40	28	4	3	23.5	5.9	Yes	No	None	None at this time
551	Quercus kelloggii	Black Oak	23	23	40	30	4	3	23	5.8	Yes	No	Low	Protection Measures
552	Quercus lobata	Valley Oak	18	18	35	30	4	3	18	4.5	Yes	No	Moderate	Protection Measures
553	Quercus lobata	Valley Oak	11+17	20	35	22	4	3	20	5.0	Yes	No	LOT #10	None at this time
554	Quercus agrifolia	Coast Live Oak	6+6	8	14	16	4	3	8	2.0	Yes	No	None	None at this time
555	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	In Road	Remove for Lot 1/2 Access
556	Quercus agrifolia	Coast Live Oak	6	6	12	16	4	3	6	1.5	Yes	No	In Road	Remove for Lot 1/2 Access
557	Quercus agrifolia	Coast Live Oak	6	6	22	20	4	3	6	1.5	Yes	No	LOT #1	None at this time
558	Quercus agrifolia	Coast Live Oak	6	6	22	20	4	3	6	1.5	Yes	No	None	None at this time
559	Pinus radiata	Monterey Pine	6	6	22	20	4	3	6	1.5	Yes	No	LOT #2	None at this time
560	Quercus agrifolia	Coast Live Oak	7	7	15	28	4	3	6	1.8	Yes	No	LOT #2	None at this time
561	Quercus agrifolia	Coast Live Oak	7	7	12	28	4	3	6	1.8	Yes	No	None	None at this time
562	Quercus agrifolia	Coast Live Oak	6	6	13	20	4	3	6	1.5	Yes	No	LOT #2	None at this time
563	Quercus agrifolia	Coast Live Oak	8	8	12	16	4	3	6	2.0	Yes	No	None	None at this time
564	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	10	1.5	Yes	No	None	None at this time
565	Pinus radiata	Monterey Pine	7	7	30	24	4	3	7	1.8	Yes	No	In Road	Remove for Lot 3/4 Access
566	Quercus agrifolia	Coast Live Oak	6	6	14	24	4	3	6	1.5	Yes	No	In Road	Remove for Lot 3/4 Access
567	Quercus agrifolia	Coast Live Oak	10	10	35	28	4	3	10	2.5	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
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Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
568	Quercus agrifolia	Coast Live Oak	6	6	14	24	4	3	6	1.5	Yes	No	None	None at this time
569	Quercus agrifolia	Coast Live Oak	8	8	10	28	4	3	8	2.0	Yes	No	None	None at this time
570	Quercus agrifolia	Coast Live Oak	6	6	18	16	4	3	6	1.5	Yes	No	None	None at this time
571	Quercus agrifolia	Coast Live Oak	7	7	25	16	4	2	7	1.8	Yes	No	None	None at this time
572	Quercus agrifolia	Coast Live Oak	10	10	30	24	4	3	10	2.5	Yes	No	None	None at this time
573	Quercus agrifolia	Coast Live Oak	8	8	20	28	4	3	8	2.0	Yes	No	None	None at this time
574	Quercus lobata	Valley Oak	6	6	20	24	4	3	6	1.5	Yes	No	LOT #7	None at this time
575	Prunus domestica	Wild Plum	8	8	18	20	2	3	8	2.0	Yes	No	None	None at this time
576	Quercus agrifolia	Coast Live Oak	7	7	12	16	4	2	7	1.8	Yes	No	None	None at this time
577	Quercus agrifolia	Coast Live Oak	6	6	25	24	4	3	6	1.5	Yes	No	None	None at this time
578	Quercus agrifolia	Coast Live Oak	10	10	30	24	4	3	10	2.5	Yes	No	None	None at this time
579	Quercus agrifolia	Coast Live Oak	10	10	30	24	4	3	10	2.5	Yes	No	None	None at this time
580	Quercus agrifolia	Coast Live Oak	11	11	30	24	4	3	11	2.8	Yes	No	None	None at this time
581	Quercus agrifolia	Coast Live Oak	9	9	30	28	3	3	9	2.3	Yes	No	None	None at this time
582	Quercus agrifolia	Coast Live Oak	6+6	8	25	24	3	3	8	2.0	Yes	No	None	None at this time
583	Quercus agrifolia	Coast Live Oak	6+6	8	25	24	3	3	8	2.0	Yes	No	None	None at this time
584	Quercus agrifolia	Coast Live Oak	16+20+6	26	40	50	4	2	26	6.5	Yes	No	None	None at this time
585	Quercus agrifolia	Coast Live Oak	12+13	17	40	50	4	3	17	4.3	Yes	No	None	None at this time
586	Quercus agrifolia	Coast Live Oak	6	6	25	24	4	3	6	1.5	Yes	No	None	None at this time
587	Quercus agrifolia	Coast Live Oak	16+14	21	40	38	4	3	21	5.3	Yes	No	None	None at this time
588	Quercus agrifolia	Coast Live Oak	6+8+10	14	25	38	4	3	14	3.5	Yes	No	None	None at this time
589	Quercus agrifolia	Valley Oak	8	8	22	38	4	3	8	2.0	Yes	No	None	None at this time
590	Quercus lobata	Coast Live Oak	7	7	15	25	4	3	7	1.8	Yes	No	None	None at this time
591	Quercus agrifolia	Coast Live Oak	7	7	16	24	4	3	7	1.8	Yes	No	None	None at this time
592	Quercus agrifolia	Valley Oak	6	6	30	24	2	3	7	1.5	Yes	No	None	None at this time
593	Quercus agrifolia	Coast Live Oak	10+7+5	13	25	40	3	3	13	3.3	Yes	No	None	None at this time
594	Quercus agrifolia	Coast Live Oak	20	20	40	40	4	2	20	5.0	Yes	No	None	None at this time
595	Quercus agrifolia	Coast Live Oak	6	6	30	30	3	2	6	1.5	Yes	No	None	None at this time
596	Arbutus menziesii	Madrone	7	7	18	20	4	3	7	1.8	No	No	None	None at this time
597	Quercus agrifolia	Coast Live Oak	14	14	40	40	4	3	14	3.5	Yes	No	None	None at this time
598	Quercus agrifolia	Coast Live Oak	12	12	40	40	3	3	12	3.0	Yes	No	None	None at this time
599	Quercus agrifolia	Coast Live Oak	7	7	25	30	3	3	7	1.8	Yes	No	None	None at this time
600	Quercus agrifolia	Coast Live Oak	9	9	30	30	4	3	9	2.3	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
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Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
601	Quercus agrifolia	Coast Live Oak	6	6	40	40	4	3	6	1.5	Yes	No	None	None at this time
602	Quercus agrifolia	Coast Live Oak	13	13	35	40	4	3	13	3.3	Yes	No	None	None at this time
603	Quercus agrifolia	Coast Live Oak	15+6	16	15	24	4	3	13	4.0	Yes	No	None	None at this time
604	Quercus agrifolia	Coast Live Oak	6	6	15	24	4	3	13	1.5	Yes	No	None	None at this time
605	Umbellularia californica	Bay Laurel	9	6	21	24	4	3	9	1.5	Yes	No	Pyrophytic	Removal of Fuel
606	Quercus agrifolia	Coast Live Oak	14	14	30	32	4	3	14	3.5	Yes	No	None	None at this time
607	Quercus agrifolia	Coast Live Oak	10	10	22	24	4	3	10	2.5	Yes	No	None	None at this time
608	Quercus lobata	Coast Live Oak	9	9	25	28	4	3	10	2.3	Yes	No	None	None at this time
609	Quercus agrifolia	Coast Live Oak	10	10	30	28	4	3	10	2.5	Yes	No	None	None at this time
610	Quercus lobata	Valley Oak	7	7	25	30	4	3	7	1.8	Yes	No	None	None at this time
611	Quercus agrifolia	Coast Live Oak	10	10	25	28	4	3	10	2.5	Yes	No	None	None at this time
612	Quercus lobata	Valley Oak	13	13	35	24	4	3	13	3.3	Yes	No	None	None at this time
613	Umbellularia californica	Bay Laurel	22	22	40	44	3	3	22	5.5	Yes	No	Pyrophytic	Removal of Fuel
614	Quercus agrifolia	Coast Live Oak	6	6	12	32	3	3	6	1.5	Yes	No	None	None at this time
615	Quercus agrifolia	Coast Live Oak	10	10	35	42	4	2	10	2.5	Yes	No	None	None at this time
616	Umbellularia californica	Bay Laurel	12	12	35	24	2	2	12	3.0	Yes	No	Pyrophytic	Removal of Fuel
617	Quercus agrifolia	Coast Live Oak	10	10	15	36	4	2	10	2.5	Yes	No	None	None at this time
618	Umbellularia californica	Bay Laurel	11+9+3x3+2	15	35	36	2	3	15	3.8	Yes	No	Pyrophytic	Removal of Fuel
619	Quercus agrifolia	Coast Live Oak	16	16	12	24	3	2	16	4.0	Yes	No	None	None at this time
620	Quercus agrifolia	Coast Live Oak	16	16	25	50	2	2	16	4.0	Yes	No	None	None at this time
621	Quercus agrifolia	Coast Live Oak	11	11	30	36	4	3	11	2.8	Yes	No	None	None at this time
622	Aesculus californica	California Buckeye	10	10	12	40	4	3	10	2.5	Yes	No	None	None at this time
623	Aesculus californica	California Buckeye	6	6	12	24	4	2	6	1.5	Yes	No	None	None at this time
624	Umbellularia californica	Bay Laurel	7+7	10	25	28	3	2	10	2.5	Yes	No	Pyrophytic	Removal of Fuel
625	Umbellularia californica	Bay Laurel	13	13	35	24	3	2	13	3.3	Yes	No	Pyrophytic	Removal of Fuel
626	Quercus agrifolia	Coast Live Oak	12	12	40	40	4	3	12	3.0	Yes	No	None	None at this time
627	Quercus agrifolia	Coast Live Oak	20	20	40	50	3	1	20	5.0	No	No	None	Remove due to Condition
628	Umbellularia californica	Bay Laurel	8+8	11	40	36	4	3	11	2.8	Yes	No	Pyrophytic	Removal of Fuel
629	Umbellularia californica	Bay Laurel	11	11	35	40	4	3	11	2.8	Yes	No	Pyrophytic	Removal of Fuel
630	Umbellularia californica	Madrone	6	6	25	30	4	3	6	1.5	Yes	No	None	None at this time
631	Umbellularia californica	Bay Laurel	7+6	9	25	30	4	3	9	2.3	Yes	No	Pyrophytic	Removal of Fuel
632	Umbellularia californica	Bay Laurel	6	6	25	24	4	3	6	1.5	Yes	No	Pyrophytic	Removal of Fuel
633	Arbutus menziesii	Madrone	12	12	30	36	4	3	12	3.0	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
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Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
634	Quercus agrifolia	Coast Live Oak	14	14	25	44	4	3	14	3.5	Yes	No	None	None at this time
635	Quercus agrifolia	Coast Live Oak	6	6	18	30	3	3	6	1.5	Yes	No	None	None at this time
636	Umbellularia californica	Bay Laurel	8+8	11	25	14	4	3	11	2.8	Yes	No	Pyrophytic	Removal of Fuel
638	Quercus agrifolia	Coast Live Oak	6	6	22	24	4	2	6	1.5	Yes	No	None	None at this time
* 639	Quercus agrifolia	Coast Live Oak	9	9	25	32	4	3	9	2.3	Yes	No	None	None at this time
641	Quercus agrifolia	Coast Live Oak	10	10	30	30	2	3	10	2.5	Yes	No	None	None at this time
642	Quercus agrifolia	Coast Live Oak	6	6	22	24	4	2	6	1.5	Yes	No	None	None at this time
643	Quercus agrifolia	Coast Live Oak	17	17	40	50	4	3	17	4.3	Yes	No	None	None at this time
644	Quercus agrifolia	Coast Live Oak	14	14	40	42	3	3	14	3.5	Yes	No	None	None at this time
645	Quercus agrifolia	Coast Live Oak	16	16	40	50	4	3	16	4.0	Yes	No	None	None at this time
646	Quercus agrifolia	Coast Live Oak	6	6	15	16	2	3	6	1.5	Yes	No	None	None at this time
647	Quercus agrifolia	Coast Live Oak	8	8	18	24	3	2	8	2.0	Yes	No	None	None at this time
648	Umbellularia californica	Bay Laurel	9+10	13	22	40	4	3	13	3.3	Yes	No	Pyrophytic	Removal of Fuel
649	Quercus agrifolia	Coast Live Oak	13	13	35	42	4	2	13	3.3	Yes	No	None	None at this time
650	Quercus agrifolia	Coast Live Oak	14	14	40	60	4	3	14	3.5	Yes	No	None	None at this time
651	Arctostaphylos manzanita	Manzanita	7	7	25	20	3	3	7	1.8	Yes	No	None	None at this time
652	Quercus agrifolia	Coast Live Oak	11+11	16	35	40	4	3	16	4.0	Yes	No	None	None at this time
653	Quercus agrifolia	Coast Live Oak	9+5+5	11	25	30	4	3	11	2.8	Yes	No	None	None at this time
654	Quercus agrifolia	Coast Live Oak	10	10	22	36	4	3	10	2.5	Yes	No	None	None at this time
655	Quercus agrifolia	Coast Live Oak	8	8	25	36	3	3	8	2.0	Yes	No	None	None at this time
656	Quercus agrifolia	Coast Live Oak	9	9	25	40	3	3	9	2.3	Yes	No	None	None at this time
657	Quercus kelloggii	Black Oak	10	10	20	30	4	3	10	2.5	Yes	No	None	None at this time
658	Quercus agrifolia	Coast Live Oak	7	7	25	28	3	3	7	1.8	Yes	No	None	None at this time
659	Umbellularia californica	Bay Laurel	6	6	30	24	4	3	6	1.5	Yes	No	Pyrophytic	Removal of Fuel
660	Quercus agrifolia	Coast Live Oak	12	12	20	32	4	3	12	3.0	Yes	No	None	None at this time
661	Quercus agrifolia	Coast Live Oak	9	9	35	30	4	3	9	2.3	Yes	No	None	None at this time
662	Quercus agrifolia	Coast Live Oak	14	14	25	50	4	3	14	3.5	Yes	No	None	None at this time
663	Quercus agrifolia	Coast Live Oak	14	14	25	40	4	3	14	3.5	Yes	No	None	None at this time
664	Quercus agrifolia	Coast Live Oak	13	13	30	42	4	3	13	3.3	Yes	No	None	None at this time
665	Quercus agrifolia	Coast Live Oak	16	16	35	40	4	3	16	4.0	Yes	No	None	None at this time
666	Quercus agrifolia	Coast Live Oak	16	16	40	36	4	3	16	4.0	Yes	No	LOT #8	None at this time
667	Quercus agrifolia	Coast Live Oak	8+9+5+4	14	30	32	4	3	14	3.5	Yes	No	LOT #8	None at this time
668	Quercus agrifolia	Coast Live Oak	10+10	14	15	50	4	3	14	3.5	Yes	No	LOT #8	None at this time

* See End of Table A for Trees 640A&B

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
669	Quercus agrifolia	Coast Live Oak	13	13	30	32	4	3	13	3.3	Yes	No	LOT #8	None at this time
670	Quercus agrifolia	Coast Live Oak	10+17	20	40	20	4	3	20	5.0	Yes	No	None	None at this time
671	Umbellularia californica	Bay Laurel	6	6	16	30	4	3	6	1.5	Yes	No	Pyrophytic	Removal of Fuel
672	Umbellularia californica	Bay Laurel	6	6	25	24	4	3	6	1.5	Yes	No	Pyrophytic	Removal of Fuel
673	Quercus agrifolia	Coast Live Oak	12	12	21	30	4	3	12	3.0	Yes	No	None	None at this time
674	Quercus agrifolia	Coast Live Oak	19	19	45	44	4	2	19	4.8	Yes	No	None	None at this time
675	Quercus agrifolia	Coast Live Oak	6+9+14	18	35	40	4	3	18	4.5	Yes	No	None	None at this time
676	Quercus agrifolia	Coast Live Oak	13+15+16	26	40	60	4	2	26	6.5	Yes	No	None	None at this time
677	Quercus agrifolia	Coast Live Oak	18+14	23	14	56	4	1	23	5.8	No	No	None	Remove due to Condition
678	Quercus agrifolia	Coast Live Oak	7+7+5	11	12	24	4	3	11	2.8	Yes	No	None	None at this time
679	Quercus agrifolia	Coast Live Oak	15	15	12	24	3	3	15	3.8	Yes	No	None	None at this time
680	Quercus agrifolia	Coast Live Oak	13+9	16	40	40	4	1	16	4.0	No	No	None	Remove due to Condition
681	Quercus agrifolia	Coast Live Oak	8	8	35	28	4	3	8	2.0	Yes	No	None	None at this time
682	Quercus agrifolia	Coast Live Oak	7+9+15	19	40	42	4	3	19	4.8	Yes	No	None	None at this time
683	Quercus agrifolia	Coast Live Oak	15	15	40	32	4	2	15	3.8	Yes	No	None	None at this time
684	Quercus agrifolia	Coast Live Oak	7	7	18	24	4	2	7	1.8	Yes	No	None	None at this time
685	Quercus agrifolia	Coast Live Oak	11	11	35	36	2	3	11	2.8	Yes	No	None	None at this time
686	Quercus agrifolia	Coast Live Oak	10	10	35	32	4	3	10	2.5	Yes	No	None	None at this time
687	Umbellularia californica	Bay Laurel	10	10	40	28	4	3	10	2.5	Yes	No	Pyrophytic	Removal of Fuel
688	Quercus agrifolia	Coast Live Oak	9	9	35	24	4	3	9	2.3	Yes	No	None	None at this time
689	Quercus agrifolia	Coast Live Oak	7	7	20	30	4	3	7	1.8	Yes	No	None	None at this time
690	Quercus kelloggii	Black Oak	14	14	35	30	4	3	14	3.5	Yes	No	None	None at this time
691	Quercus agrifolia	Coast Live Oak	10	10	25	28	4	3	10	2.5	Yes	No	None	None at this time
692	Quercus kelloggii	Black Oak	13	13	40	44	4	3	13	3.3	Yes	No	None	None at this time
693	Quercus agrifolia	Coast Live Oak	10+10	14	40	42	4	3	14	3.5	Yes	No	None	None at this time
694	Quercus agrifolia	Coast Live Oak	6	6	25	24	4	2	6	1.5	Yes	No	None	None at this time
695	Umbellularia californica	Bay Laurel	18	18	40	28	4	3	18	4.5	Yes	No	Pyrophytic	Removal of Fuel
696	Umbellularia californica	Bay Laurel	2+4+5+5+6+7	12	20	36	4	2	12	3.0	Yes	No	Pyrophytic	Removal of Fuel
697	Umbellularia californica	Bay Laurel	12	12	40	30	4	2	12	3.0	Yes	No	Pyrophytic	Removal of Fuel
698	Umbellularia californica	Bay Laurel	19+6+5+3	21	40	44	3	2	21	5.3	Yes	No	Pyrophytic	Removal of Fuel
699	Umbellularia californica	Bay Laurel	8	6	35	30	4	2	6	1.5	Yes	No	Pyrophytic	Removal of Fuel
700	Umbellularia californica	Bay Laurel	6	6	25	24	4	2	6	1.5	Yes	No	Pyrophytic	Removal of Fuel
701	Quercus agrifolia	Coast Live Oak	16	16	35	40	4	3	16	4.0	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
702	Quercus kelloggii	Black Oak	14+8	16	25	50	4	3	16	4.0	Yes	No	None	None at this time
703	Quercus agrifolia	Coast Live Oak	12+12+13	21	14	50	4	3	21	5.3	Yes	No	None	None at this time
704	Quercus kelloggii	Black Oak	22	22	40	42	4	3	22	5.5	Yes	No	None	None at this time
705	Quercus kelloggii	Black Oak	17	17	40	50	4	3	17	4.3	Yes	No	None	None at this time
706	Quercus kelloggii	Black Oak	10	10	35	24	4	3	10	2.5	Yes	No	None	None at this time
707	Umbellularia californica	Bay Laurel	7+5	9	35	28	4	3	9	2.3	Yes	No	Pyrophytic	Removal of Fuel
708	Umbellularia californica	Bay Laurel	7	7	16	30	3	3	7	1.8	Yes	No	Pyrophytic	Removal of Fuel
709	Quercus kelloggii	Black Oak	10	10	35	36	4	1	10	2.5	No	No	None	Remove due to Condition
710	Quercus kelloggii	Black Oak	12	12	35	36	4	3	12	3.0	Yes	No	None	None at this time
711	Umbellularia californica	Bay Laurel	3+6+6+6+10	13	30	32	2	3	13	3.3	Yes	No	Pyrophytic	Removal of Fuel
712	Quercus kelloggii	Black Oak	17	17	40	40	4	2	17	4.3	Yes	No	None	None at this time
713	Umbellularia californica	Bay Laurel	8	8	35	36	4	3	8	2.0	Yes	No	Pyrophytic	Removal of Fuel
714	Umbellularia californica	Bay Laurel	10	10	20	32	2	3	10	2.5	Yes	No	Pyrophytic	Removal of Fuel
715	Quercus agrifolia	Coast Live Oak	15	15	35	50	3	1	15	3.8	No	No	None	Remove due to Condition
716	Quercus kelloggii	California Black Oak	8.5	8.5	38	36	3	3	8.5	2.1	Yes	No	None	None at this time
717	Umbellularia californica	Bay Laurel	6.5	6.5	35	40	3	3	6.5	1.6	Yes	No	Pyrophytic	Removal of Fuel
718	Umbellularia californica	Bay Laurel	7.5	7.5	38	36	3	3	7.5	1.9	Yes	No	Pyrophytic	Removal of Fuel
719	Quercus agrifolia	Coast Live Oak	18.5	18.5	35	40	3	3	18.5	4.6	Yes	No	None	None at this time
720	Quercus kelloggii	California Black Oak	13.5	13.5	40	36	2	3	13.5	3.4	Yes	No	None	None at this time
721	Quercus agrifolia	Coast Live Oak	12	12	35	40	2	2	12	3.0	Yes	No	None	None at this time
722	Umbellularia californica	Bay Laurel	11.5	11.5	30	40	2	2	11.5	2.9	Yes	No	Pyrophytic	Removal of Fuel
723	Umbellularia californica	Bay Laurel	10.5+9.5	14	35	32	3	2	14	3.5	Yes	No	Pyrophytic	Removal of Fuel
724	Arbutus menziesii	Madrone	13.5	13.5	30	48	3	2	13.5	3.4	Yes	No	None	None at this time
725	Quercus agrifolia	Coast Live Oak	14.5+17.5	23	35	48	3	3	23	5.8	Yes	No	None	None at this time
726	Quercus agrifolia	Coast Live Oak	7+9+4.5	12	30	28	3	2	12	3.0	Yes	No	None	None at this time
727	Quercus garryana	Oregon White Oak	10.5	10.5	30	28	2	3	10.5	2.6	Yes	No	None	None at this time
728	Arbutus menziesii	Madrone	17	17	30	32	3	3	17	4.3	Yes	No	None	None at this time
729	Quercus garryana	Oregon White Oak	14	14	35	32	2	3	14	3.5	Yes	No	None	None at this time
730	Umbellularia californica	Bay Laurel	15	15	50	36	4	2	15	3.8	No	No	Pyrophytic	Removal of Fuel
731	Arbutus menziesii	Madrone	15	15	35	32	3	3	15	3.8	Yes	No	None	None at this time
732	Quercus agrifolia	Coast Live Oak	6	6	20	20	3	3	6	1.5	Yes	No	None	None at this time
733	Arbutus menziesii	Madrone	11.5	11.5	25	28	3	3	11.5	2.9	Yes	No	None	None at this time
734	Quercus garryana	Oregon White Oak	7.5	7.5	15	16	2	3	7.5	1.9	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
735	Quercus agrifolia	Coast Live Oak	6	6	15	10	3	2	6	1.5	Yes	No	None	None at this time
736	Quercus agrifolia	Coast Live Oak	10.5+7	13	22	28	3	3	13	3.3	Yes	No	None	None at this time
737	Quercus agrifolia	Coast Live Oak	9.5	9.5	20	28	4	3	9.5	2.4	Yes	No	None	None at this time
738	Quercus agrifolia	Coast Live Oak	15	15	30	40	4	3	15	3.8	Yes	No	None	None at this time
739	Quercus garryana	Oregon White Oak	16	16	40	36	2	3	16	4.0	Yes	No	None	None at this time
740	Quercus garryana	Oregon White Oak	8	8	10	28	2	3	8	2.0	Yes	No	None	None at this time
741	Quercus garryana	Oregon White Oak	7+7	10	25	28	2	2	10	2.5	No	No	None	None at this time
742	Quercus garryana	Oregon White Oak	12.5	12.5	28	32	3	1	12.5	3.1	No	No	None	Remove due to Condition
743	Quercus agrifolia	Coast Live Oak	11.5	11.5	28	32	4	3	11.5	2.9	Yes	No	None	None at this time
744	Quercus agrifolia	Coast Live Oak	12	12	25	24	4	3	12	3.0	Yes	No	LOT #10	None at this time
745	Quercus agrifolia	Coast Live Oak	11	11	25	24	3	3	11	2.8	Yes	No	In Road	Remove for Main Road
746	Quercus garryana	Oregon White Oak	8	8	25	24	2	3	8	2.0	Yes	No	None	None at this time
748	Quercus garryana	Oregon White Oak	6.5	6.5	30	24	2	2	6.5	1.6	Yes	No	In Road	Remove for Main Road
749	Quercus agrifolia	Coast Live Oak	17	17	45	48	3	2	17	4.3	Yes	No	In Road	Remove for Main Road
750	Quercus garryana	Oregon White Oak	12	12	45	36	3	2	12	3.0	Yes	No	In Road	Remove for Main Road
751	Quercus garryana	Oregon White Oak	22	22	40	36	2	3	22	5.5	Yes	No	Moderate	Protection Measures
752	Quercus agrifolia	Coast Live Oak	19.5	19.5	50	54	3	3	19.5	4.9	Yes	No	None	None at this time
753	Quercus garryana	Oregon White Oak	14	14	40	36	2	3	14	3.5	Yes	No	None	None at this time
754	Quercus garryana	Oregon White Oak	9.5	9.5	30	40	3	2	9.5	2.4	No	No	None	None at this time
755	Quercus garryana	Oregon White Oak	25	25	50	36	2	3	25	6.3	Yes	No	None	None at this time
756	Quercus garryana	Oregon White Oak	9	9	25	50	3	3	9	2.3	Yes	No	None	None at this time
757	Quercus agrifolia	Coast Live Oak	13.5+9	16	35	40	3	3	16	4.0	Yes	No	None	None at this time
758	Quercus garryana	Oregon White Oak	19.5+11	22	45	50	3	3	22	5.5	Yes	No	None	None at this time
759	Quercus garryana	Oregon White Oak	14	14	30	40	3	3	14	3.5	Yes	No	None	None at this time
760	Quercus garryana	Oregon White Oak	17	17	45	40	3	3	17	4.3	Yes	No	None	None at this time
761	Quercus garryana	Oregon White Oak	7	7	15	30	2	3	7	1.8	Yes	No	None	None at this time
762	Quercus garryana	Oregon White Oak	11	11	20	36	2	3	11	2.8	Yes	No	None	None at this time
763	Quercus garryana	Oregon White Oak	6+7.5	10	30	40	3	3	10	2.5	Yes	No	None	None at this time
764	Quercus garryana	Oregon White Oak	10+12	16	40	36	2	2	16	4.0	Yes	No	None	None at this time
765	Quercus agrifolia	Oregon White Oak	14.5+9.5+7	19	35	36	3	3	19	4.8	Yes	No	None	None at this time
766	Quercus garryana	Oregon White Oak	7	7	18	32	3	3	7	1.8	Yes	No	None	None at this time
767	Quercus garryana	Oregon White Oak	6.5+6	9	28	18	2	3	9	2.3	Yes	No	None	None at this time
768	Quercus agrifolia	Coast Live Oak	6+16	17	40	40	3	2	17	4.3	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
769	Quercus garryana	Oregon White Oak	6.5	6.5	28	20	3	3	6.5	1.6	Yes	No	None	None at this time
770	Quercus agrifolia	Coast Live Oak	7.5	7.5	35	28	3	4	7.5	1.9	Yes	No	None	None at this time
771	Quercus garryana	Oregon White Oak	8	8	28	24	3	4	8	2.0	Yes	No	None	None at this time
772	Quercus garryana	Oregon White Oak	6.5+6.5	9	28	50	2	4	9	2.3	Yes	No	None	None at this time
773	Quercus garryana	Oregon White Oak	7+9.5	12	30	50	2	3	12	3.0	Yes	No	None	None at this time
774	Quercus agrifolia	Coast Live Oak	14.5	14.5	35	50	3	2	14.5	3.6	Yes	No	None	None at this time
775	Quercus garryana	Oregon White Oak	6	6	15	24	2	2	6	1.5	Yes	No	None	None at this time
776	Quercus garryana	Oregon White Oak	6.5+6	9	25	20	2	4	9	2.3	Yes	No	Low	Protection Measures
777	Quercus garryana	Oregon White Oak	8.5	8.5	30	32	2	3	8.5	2.1	Yes	No	Moderate	Protection Measures
778	Quercus agrifolia	Coast Live Oak	13	13	30	36	4	3	13	3.3	Yes	No	Significant	Protection Measures
779	Quercus agrifolia	Coast Live Oak	11.5+9.5	15	30	40	3	3	15	3.8	Yes	No	None	None at this time
780	Quercus agrifolia	Coast Live Oak	9+4.5	10	25	32	3	3	10	2.5	Yes	No	None	None at this time
781	Quercus garryana	Oregon White Oak	7	7	25	20	2	3	7	1.8	Yes	No	None	None at this time
782	Quercus garryana	Oregon White Oak	6.5	6.5	28	24	3	2	6.5	1.6	No	No	CRZ	Probable Removal
783	Quercus agrifolia	Coast Live Oak	17+7	18	35	40	3	3	18	4.5	Yes	No	CRZ	Probable Removal
784	Quercus agrifolia	Coast Live Oak	6.5	6.5	15	12	4	3	6.5	1.6	Yes	No	In Road	Remove for Main Road
785	Quercus agrifolia	Coast Live Oak	6	6	14	8	4	3	6	1.5	Yes	No	In Road	Remove for Main Road
786	Quercus agrifolia	Coast Live Oak	12	12	28	36	4	3	12	3.0	Yes	No	CRZ	Probable Removal
787	Quercus agrifolia	Coast Live Oak	13	13	15	20	3	3	13	3.3	Yes	No	In Road	Remove for Main Road
788	Quercus agrifolia	Coast Live Oak	8.5	8.5	20	24	4	1	8.5	2.1	Yes	No	Low	Remove due to Condition
789	Quercus agrifolia	Coast Live Oak	19.5	19.5	35	40	3	3	19.5	4.9	Yes	No	Low	Protection Measures
790	Quercus agrifolia	Coast Live Oak	12	12	35	36	3	3	12	3.0	Yes	No	None	None at this time
791	Quercus agrifolia	Coast Live Oak	18.5	18.5	35	60	2	3	18.5	4.6	Yes	No	None	None at this time
792	Quercus agrifolia	Coast Live Oak	13	13	30	36	3	2	13	3.3	Yes	No	None	None at this time
793	Quercus agrifolia	Coast Live Oak	11	11	30	40	3	3	11	2.8	Yes	No	None	None at this time
794	Quercus agrifolia	Coast Live Oak	11.5	11.5	25	44	3	3	11.5	2.9	Yes	No	None	None at this time
795	Quercus lobata	Valley Oak	16	16	40	44	3	3	16	4.0	Yes	No	None	None at this time
796	Quercus agrifolia	Coast Live Oak	12	12	30	24	4	3	12	3.0	Yes	No	None	None at this time
797	Quercus garryana	Oregon White Oak	8+5	9	25	28	4	3	9	2.3	Yes	No	None	None at this time
798	Quercus lobata	Valley Oak	23	23	40	40	3	3	23	5.8	Yes	No	None	None at this time
799	Quercus agrifolia	Coast Live Oak	6.5	6.5	25	24	3	2	6.5	1.6	Yes	No	None	None at this time
800	Quercus lobata	Valley Oak	7	7	18	16	4	3	7	1.8	Yes	No	None	None at this time
801	Quercus agrifolia	Coast Live Oak	6.5	6.5	14	16	4	3	6.5	1.6	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
802	Quercus agrifolia	Coast Live Oak	6.5+6.5	9	18	18	4	3	9	2.3	Yes	No	None	None at this time
803	Quercus agrifolia	Coast Live Oak	7	7	15	12	4	3	7	1.8	Yes	No	None	None at this time
804	Quercus agrifolia	Coast Live Oak	11	11	30	28	4	3	11	2.8	Yes	No	None	None at this time
805	Quercus kelloggii	Black Oak	9	9	35	32	4	3	9	2.3	Yes	No	None	None at this time
806	Quercus lobata	Valley Oak	7+6	9	15	20	3	3	9	2.3	Yes	No	None	None at this time
807	Quercus kelloggii	Black Oak	11	11	30	48	3	3	11	2.8	Yes	No	None	None at this time
809	Quercus agrifolia	Coast Live Oak	12.5	12.5	28	24	1	2	12.5	3.1	Yes	No	None	Remove due to Condition
810	Quercus agrifolia	Coast Live Oak	11.5	11.5	28	28	3	1	11.5	2.9	Yes	No	None	Remove due to Condition
811	Quercus agrifolia	Coast Live Oak	16	16	28	28	3	3	16	4.0	Yes	No	None	None at this time
812	Quercus agrifolia	Coast Live Oak	16.5	16.5	20	32	3	3	16.5	4.1	Yes	No	None	None at this time
813	Quercus agrifolia	Coast Live Oak	15.5	15.5	30	2	3	3	15.5	3.9	Yes	No	None	None at this time
814	Quercus agrifolia	Coast Live Oak	16	16	35	32	3	3	16	4.0	Yes	No	None	None at this time
815	Quercus lobata	Valley Oak	7.5	7.5	20	28	2	3	7.5	1.9	Yes	No	None	None at this time
816	Quercus agrifolia	Coast Live Oak	16.5	16.5	35	36	3	3	16.5	4.1	Yes	No	Moderate	Protection Measures
817	Arbutus menziesii	Madrone	9.5	9.5	20	40	4	3	9.5	2.4	Yes	No	None	None at this time
818	Quercus agrifolia	Coast Live Oak	11.5+12	17	25	32	3	3	17	4.3	Yes	No	None	None at this time
819	Arbutus menziesii	Madrone	8	8	22	16	4	3	8	2.0	Yes	No	None	None at this time
820	Quercus agrifolia	Coast Live Oak	11+4	12	25	28	3	3	12	3.0	Yes	No	None	None at this time
821	Arbutus menziesii	Madrone	8	8	18	16	4	3	8	2.0	Yes	No	None	None at this time
822	Quercus agrifolia	Coast Live Oak	6	6	12	12	4	3	6	1.5	Yes	No	None	None at this time
823	Arbutus menziesii	Madrone	9.5	9.5	18	16	4	3	9.5	2.4	Yes	No	None	None at this time
824	Quercus agrifolia	Coast Live Oak	9.5	9.5	25	24	4	3	9.5	2.4	Yes	No	None	None at this time
825	Quercus agrifolia	Coast Live Oak	13.5	13.5	28	28	3	3	13.5	3.4	Yes	No	None	None at this time
826	Arbutus menziesii	Madrone	8	8	20	16	4	3	8	2.0	Yes	No	None	None at this time
827	Arctostaphylos sp.	Manzanita	7+5.5	9	18	12	2	3	9	2.3	Yes	No	None	None at this time
828	Quercus agrifolia	Coast Live Oak	14.5	14.5	30	32	3	3	14.5	3.6	Yes	No	None	None at this time
829	Arbutus menziesii	Madrone	7	7	18	32	4	3	7	1.8	Yes	No	None	None at this time
830	Arbutus menziesii	Madrone	8+4.5	9	25	24	4	3	9	2.3	Yes	No	None	None at this time
831	Arbutus menziesii	Madrone	6.5+6	9	20	24	4	3	9	2.3	Yes	No	None	None at this time
832	Quercus agrifolia	Coast Live Oak	9	9	25	24	4	3	9	2.3	Yes	No	None	None at this time
833	Quercus lobata	Valley Oak	9	9	32	24	3	3	9	2.3	Yes	No	None	None at this time
835	Quercus lobata	Valley Oak	28	28	50	60	3	2	28	7.0	Yes	No	None	None at this time
836	Umbellularia californica	Bay Laurel	8+9+5+5+8+8+7+6.5+5+8	22	30	32	3	2	22	5.5	Yes	No	Pyrophytic	Removal of Fuel

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
837	Quercus lobata	Valley Oak	13+17	21	32	28	3	3	21	5.3	Yes	No	None	None at this time
838	Quercus lobata	Valley Oak	13.5	13.5	35	36	3	3	13.5	3.4	Yes	No	None	None at this time
839	Arbutus menziesii	Madrone	7+3	8	20	24	4	3	8	2.0	Yes	No	None	None at this time
840	Quercus agrifolia	Coast Live Oak	6	6	14	12	4	3	6	1.5	Yes	No	None	None at this time
841	Quercus agrifolia	Coast Live Oak	11	11	22	32	3	3	11	2.8	Yes	No	None	None at this time
842	Quercus agrifolia	Coast Live Oak	17+17+9	26	35	65	3	3	26	6.5	Yes	No	None	None at this time
843	Quercus lobata	Valley Oak	10+13	16	40	48	2	3	16	4.0	Yes	No	None	None at this time
844	Quercus lobata	Valley Oak	9.5	9.5	30	28	2	2	9.5	2.4	Yes	No	None	None at this time
845	Quercus lobata	Valley Oak	17	17	40	40	2	3	17	4.3	Yes	No	None	None at this time
846	Quercus lobata	Valley Oak	12.5	12.5	30	40	2	3	12.5	3.1	Yes	No	None	None at this time
847	Quercus lobata	Valley Oak	7.5	7.5	25	20	2	3	7.5	1.9	Yes	No	None	None at this time
848	Quercus agrifolia	Coast Live Oak	6+11.5	13	35	40	3	2	13	3.3	Yes	No	None	None at this time
849	Arbutus menziesii	Madrone	12.5+10	16	40	48	4	3	16	4.0	Yes	No	None	None at this time
850	Arbutus menziesii	Madrone	11.5	11.5	25	32	4	3	11.5	2.9	Yes	No	None	None at this time
851	Quercus lobata	Valley Oak	13+14	19	40	40	3	3	19	4.8	Yes	No	None	None at this time
852	Arbutus menziesii	Madrone	7	7	14	20	4	3	7	1.8	Yes	No	None	None at this time
853	Arbutus menziesii	Madrone	10.5	10.5	10	16	4	3	10.5	2.6	Yes	No	None	None at this time
854	Quercus agrifolia	Coast Live Oak	14	14	25	52	2	3	14	3.5	Yes	No	None	None at this time
855	Quercus kelloggii	Black Oak	8	8	25	44	3	3	8	2.0	Yes	No	None	None at this time
856	Quercus agrifolia	Coast Live Oak	11	11	12	28	2	3	11	2.8	Yes	No	None	None at this time
857	Quercus agrifolia	Coast Live Oak	14	14	35	32	3	2	14	3.5	Yes	No	None	None at this time
858	Quercus agrifolia	Coast Live Oak	14.5+18	23	28	52	3	3	23	5.8	Yes	No	None	None at this time
859	Quercus kelloggii	Black Oak	7	7	18	32	4	3	7	1.8	Yes	No	None	None at this time
860	Quercus agrifolia	Coast Live Oak	9.5+7+5.5	13	25	32	3	3	13	3.3	Yes	No	None	None at this time
861	Quercus agrifolia	Coast Live Oak	7.5	7.5	20	24	4	3	7.5	1.9	Yes	No	None	None at this time
862	Quercus agrifolia	Coast Live Oak	7	7	18	18	3	3	7	1.8	Yes	No	None	None at this time
863	Quercus agrifolia	Coast Live Oak	8	8	25	20	3	3	8	2.0	Yes	No	Significant	Protection Measures
864	Quercus agrifolia	Coast Live Oak	7	7	20	20	3	3	7	1.8	Yes	No	None	None at this time
865	Quercus agrifolia	Coast Live Oak	7	7	15	12	4	3	7	1.8	Yes	No	None	None at this time
866	Quercus agrifolia	Coast Live Oak	6	6	14	12	4	3	6	1.5	Yes	No	LOT #9	None at this time
867	Quercus agrifolia	Coast Live Oak	12	12	25	28	3	3	12	3.0	Yes	No	CRZ	Probable Removal
868	Quercus agrifolia	Coast Live Oak	8.5+6	10	16	24	2	3	10	2.5	Yes	No	None	None at this time
869	Quercus agrifolia	Coast Live Oak	14.5	14.5	30	28	3	3	14.5	3.6	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
870	Arbutus menziesii	Madrone	7.5+3.5	8	16	24	3	3	8	2.0	Yes	No	None	None at this time
871	Quercus agrifolia	Coast Live Oak	13	13	26	28	3	3	13	3.3	Yes	No	None	None at this time
872	Quercus agrifolia	Coast Live Oak	7	7	18	24	4	3	7	1.8	Yes	No	None	None at this time
873	Quercus agrifolia	Coast Live Oak	6	6	14	16	4	3	6	1.5	Yes	No	None	None at this time
874	Quercus agrifolia	Coast Live Oak	8.5	8.5	16	20	3	3	8.5	2.1	Yes	No	None	None at this time
875	Quercus agrifolia	Coast Live Oak	8	8	18	28	3	3	8	2.0	Yes	No	None	None at this time
876	Arbutus menziesii	Madrone	7.5	7.5	18	24	4	3	7.5	1.9	Yes	No	None	None at this time
877	Quercus kelloggii	Black Oak	6.5	6.5	18	18	4	3	6.5	1.6	Yes	No	None	None at this time
878	Quercus agrifolia	Coast Live Oak	6+6+3.5	9	15	22	3	3	9	2.3	Yes	No	None	None at this time
879	Quercus lobata	Valley Oak	6	6	28	24	2	3	6	1.5	Yes	No	None	None at this time
880	Quercus kelloggii	Black Oak	6.5	6.5	12	22	4	3	6.5	1.6	Yes	No	None	None at this time
881	Arbutus menziesii	Madrone	7+3.5	8	15	24	3	3	8	2.0	Yes	No	None	None at this time
882	Quercus kelloggii	Black Oak	20	20	35	36	3	3	20	5.0	Yes	No	None	None at this time
883	Quercus agrifolia	Coast Live Oak	6.5	6.5	20	24	3	3	6.5	1.6	Yes	No	None	None at this time
884	Quercus lobata	Valley Oak	17+21	27	36	50	3	3	27	6.8	Yes	No	None	None at this time
885	Quercus agrifolia	Coast Live Oak	14.5+14	20	30	36	3	2	20	5.0	Yes	No	None	None at this time
886	Quercus agrifolia	Coast Live Oak	11.5	11.5	35	40	3	2	11.5	2.9	Yes	No	None	None at this time
887	Quercus agrifolia	Coast Live Oak	14	14	30	32	3	3	14	3.5	Yes	No	None	None at this time
888	Quercus agrifolia	Coast Live Oak	12.5+10.5+5+11+9.5	22	30	48	3	3	22	5.5	Yes	No	None	None at this time
889	Quercus agrifolia	Coast Live Oak	11	11	20	20	4	2	11	2.8	No	No	None	None at this time
890	Quercus agrifolia	Coast Live Oak	6	6	14	20	4	3	6	1.5	Yes	No	None	None at this time
891	Arctostaphylos sp.	Manzanita	7+4+3	9	12	24	4	3	9	2.3	Yes	No	Significant	Protection Measures
892	Arctostaphylos sp.	Manzanita	8.5+4	9	16	26	4	3	9	2.3	Yes	No	None	None at this time
893	Quercus agrifolia	Coast Live Oak	12	12	30	32	4	4	12	3.0	Yes	No	None	None at this time
894	Quercus kelloggii	Black Oak	6.5	6.5	18	28	3	3	6.5	1.6	Yes	No	In Road	Remove for Main Road
895	Umbellularia californica	Bay Laurel	9	9	25	24	3	3	9	2.3	Yes	No	Pyrophytic	Removal of Fuel
896	Quercus agrifolia	Coast Live Oak	7	7	25	36	3	3	7	1.8	Yes	No	None	None at this time
897	Arbutus menziesii	Madrone	7	7	20	40	4	3	7	1.8	Yes	No	None	None at this time
898	Quercus agrifolia	Coast Live Oak	7.5	7.5	16	24	2	3	7.5	1.9	Yes	No	None	None at this time
899	Quercus agrifolia	Coast Live Oak	11.5+11+11.5	20	35	36	3	3	20	5.0	Yes	No	None	None at this time
900	Quercus kelloggii	Black Oak	6.5+5.5+8.5	12	25	32	2	3	12	3.0	Yes	No	None	None at this time
901	Quercus kelloggii	Black Oak	12+11	16	25	32	2	3	16	4.0	Yes	No	None	None at this time
902	Quercus agrifolia	Coast Live Oak	18+10+4	21	35	36	2	2	21	5.3	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

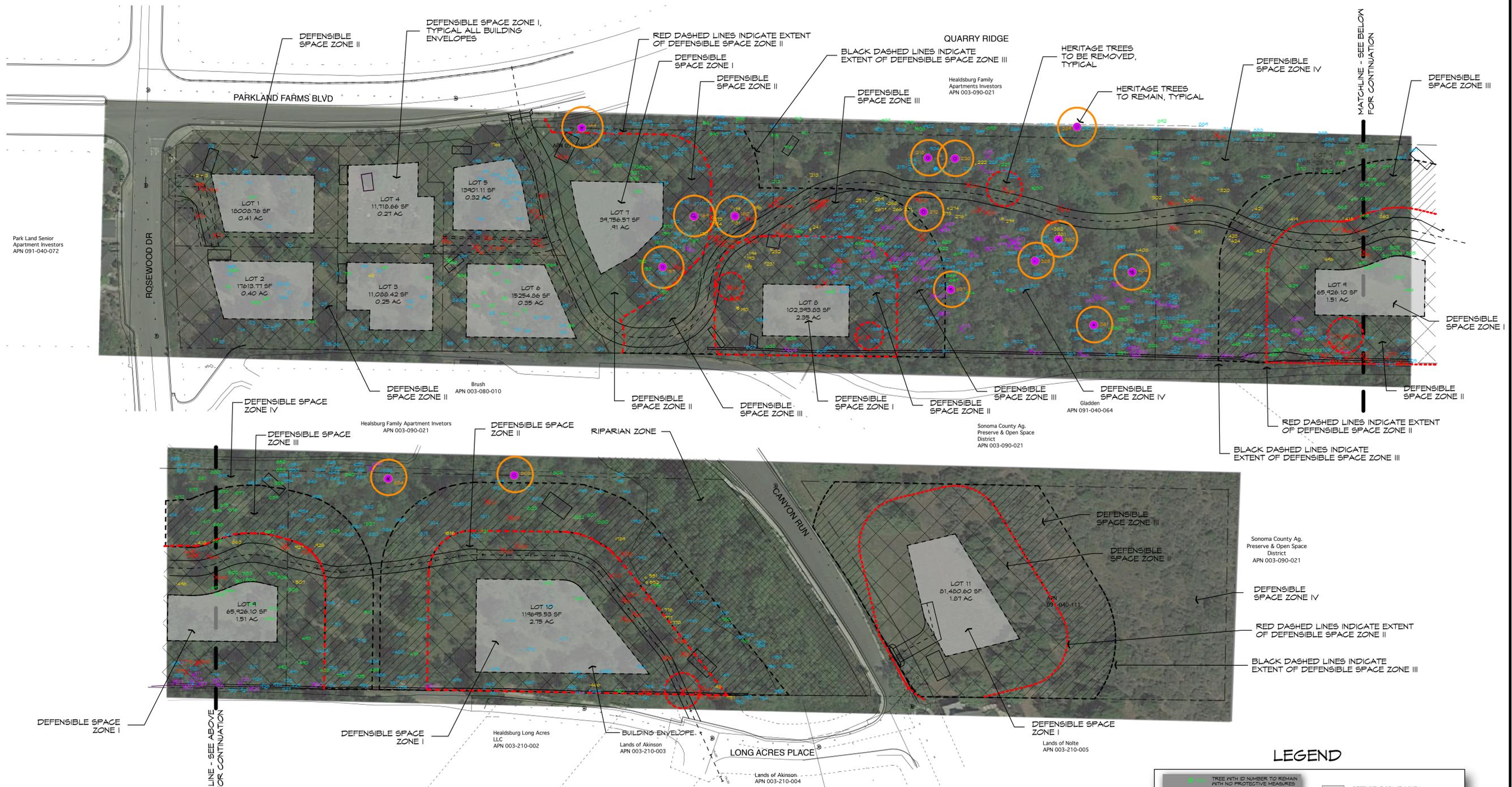
Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
903	Quercus agrifolia	Coast Live Oak	11.5+9+9.5+7.5	19	35	36	2	2	19	4.8	Yes	No	None	None at this time
904	Quercus kelloggii	Black Oak	11	11	28	44	2	3	11	2.8	Yes	No	None	None at this time
905	Quercus kelloggii	Black Oak	9+5+7	12	18	32	2	2	12	3.0	Yes	No	None	None at this time
906	Quercus kelloggii	Black Oak	10+11+4	15	25	28	3	3	15	3.8	Yes	No	None	None at this time
907	Quercus agrifolia	Coast Live Oak	8	8	18	32	3	3	8	2.0	Yes	No	None	None at this time
908	Quercus kelloggii	Black Oak	13.5+12	18	22	32	2	3	18	4.5	Yes	No	None	None at this time
909	Quercus agrifolia	Coast Live Oak	12+10	16	20	28	3	2	16	4.0	Yes	No	None	None at this time
910	Quercus agrifolia	Coast Live Oak	5+7+5.5+6.5	12	14	18	3	3	12	3.0	Yes	No	None	None at this time
911	Quercus agrifolia	Coast Live Oak	7	7	12	20	3	3	7	1.8	Yes	No	None	None at this time
912	Quercus agrifolia	Coast Live Oak	8	8	15	24	3	3	8	2.0	Yes	No	None	None at this time
913	Quercus agrifolia	Coast Live Oak	28+8	29	28	36	2	3	29	7.3	Yes	No	None	None at this time
914	Quercus agrifolia	Coast Live Oak	13+5.5	14	25	36	3	3	14	3.5	No	No	None	None at this time
915	Quercus agrifolia	Coast Live Oak	8.5	8.5	16	20	3	3	8.5	2.1	Yes	No	None	None at this time
916	Quercus agrifolia	Coast Live Oak	8+6	10	15	28	3	3	10	2.5	Yes	No	None	None at this time
917	Quercus lobata	Valley Oak	24	24	48	55	3	3	24	6.0	Yes	No	None	None at this time
918	Quercus kelloggii	Black Oak	7	7	25	26	4	3	7	1.8	Yes	No	None	None at this time
919	Quercus kelloggii	Black Oak	6	6	22	24	4	3	6	1.5	Yes	No	None	None at this time
920	Quercus agrifolia	Coast Live Oak	11	11	25	28	4	3	11	2.8	Yes	No	None	None at this time
921	Quercus agrifolia	Coast Live Oak	6	6	18	16	3	3	6	1.5	Yes	No	None	None at this time
922	Quercus kelloggii	Black Oak	8	8	25	24	4	3	8	2.0	Yes	No	In Road	Remove for Main Road
923	Quercus agrifolia	Coast Live Oak	6.5	6.5	20	22	4	3	6.5	1.6	Yes	No	In Road	Remove for Main Road
924	Quercus kelloggii	Black Oak	7.5	7.5	16	24	4	3	7.5	1.9	Yes	No	None	None at this time
925	Quercus agrifolia	Coast Live Oak	6.5	6.5	14	24	4	3	6.5	1.6	Yes	No	None	None at this time
926	Quercus agrifolia	Coast Live Oak	9.5	9.5	18	30	3	3	9.5	2.4	Yes	No	In Road	Remove for Main Road
927	Quercus kelloggii	Black Oak	8.5	8.5	20	28	4	3	8.5	2.1	Yes	No	Significant	Protection Measures
928	Quercus kelloggii	Black Oak	7	7	20	24	4	3	7	1.8	Yes	No	Significant	Protection Measures
929	Quercus agrifolia	Coast Live Oak	11+10	15	25	28	3	3	15	3.8	Yes	No	CRZ	Probable Removal
930	Quercus agrifolia	Coast Live Oak	9	9	20	28	3	3	9	2.3	Yes	No	None	None at this time
931	Arbutus menziesii	Madrone	7	7	15	24	4	3	7	1.8	Yes	No	None	None at this time
932	Quercus agrifolia	Coast Live Oak	12.5+7	14	30	32	2	3	14	3.5	Yes	No	None	None at this time
933	Arbutus menziesii	Madrone	6.5	6.5	24	24	4	3	6.5	1.6	Yes	No	None	None at this time
934	Arbutus menziesii	Madrone	5.5+6.5	9	24	24	4	3	9	2.3	Yes	No	None	None at this time
935	Arbutus menziesii	Madrone	11.5+7	13	32	28	4	3	13	3.3	Yes	No	None	None at this time

**Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table A (All Trees except Heritage Trees)**

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (Inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
936	Quercus kelloggii	Black Oak	6	6	18	24	4	3	6	1.5	Yes	No	None	None at this time
640A	Umbellularia californica	Bay Laurel	10	10	30	32	4	3	10	2.5	Yes	No	Pyrophytic	Removal of Fuel
640B	Umbellularia californica	Bay Laurel	10	10	30	32	4	3	10	2.5	Yes	No	Pyrophytic	Removal of Fuel

Parkland Farms Subdivision, Phase 11
Vegetation Management and Enhancement Plan
Table B (Heritage Trees Only)

Tree #	Species	Common Name	Trunk (dbh ± inches)	Equivalent Single Trunk Diameter (inches)	Crown Height ± Feet	Crown Diameter ± Feet	Health Rating (1-5)	Structure Rating (1-4)	Tree Protection Zone (TPZ) (Radius in Feet)	Critical Root Zone (CRZ) (Feet)	Suitable To Be Preserved?	Heritage Tree?	Construction Impact?	Recommendations
144	Quercus agrifolia	Coast Live Oak	14+18+21	31	40	60	4	3	31	7.75	Yes	Yes	None	None at this time
157	Quercus agrifolia	Coast Live Oak	32	32	40	60	4	3	32	8	Yes	Yes	Significant	Observation
169	Quercus agrifolia	Coast Live Oak	38+21	43	40	60	4	3	43	10.8	Yes	Yes	Significant	Observation
180	Quercus agrifolia	Coast Live Oak	32	32	40	50	4	3	32	8	Yes	Yes	Significant	Observation
188	Quercus agrifolia	Coast Live Oak	13+38	40	40	60	4	3	40	10	Yes	Yes	CRZ	Probable Removal
218	Quercus agrifolia	Coast Live Oak	31	31	35	60	4	3	31	5.25	Yes	Yes	Moderate	Observation
220	Quercus agrifolia	Coast Live Oak	36	36	30	60	4	3	36	9	Yes	Yes	Moderate	Observation
229	Quercus agrifolia	Coast Live Oak	15+16+22	31	40	60	4	3	31	5.25	Yes	Yes	In Road	Remove for Main Road
272	Quercus agrifolia	Coast Live Oak	38	38	35	50	4	3	38	9.5	Yes	Yes	Significant	Observation
289	Quercus kelloggii	Black Oak	35	35	40	40	4	3	35	8.75	Yes	Yes	None	None at this time
361	Quercus kelloggii	Black Oak	540	31	40	50	4	3	31	5.25	Yes	Yes	None	None at this time
380	Quercus agrifolia	Coast Live Oak	16+20+20	33	40	50	4	3	33	8.25	Yes	Yes	Significant	Observation
385	Quercus kelloggii	Black Oak	16+20+20	33	49	55	4	3	33	8.25	Yes	Yes	None	None at this time
404	Quercus agrifolia	Coast Live Oak	12+12+15+24+18	38	40	55	4	3	38	9.5	Yes	Yes	None	None at this time
540	Quercus agrifolia	Coast Live Oak	9+17+18+13	34	40	30	3	2	34	8.5	Yes	Yes	None	Remove due to Condition
549	Umbellularia californica	Bay Laurel	23+13+11+16	33	40	30	2	1	33	8.25	No	Yes	None	Remove due to Condition
637	Arbutus menziesii	Madrone	10+14+28	33	35	60	2	3	33	8.25	Yes	Yes	None	None at this time
747	Quercus agrifolia	Coast Live Oak	9+11+28	31	40	40	3	3	31	7.75	Yes	Yes	In Road	Remove for Main Road
808	Quercus kelloggii	Black Oak	36	36	50	60	3	3	36	9	Yes	Yes	None	None at this time
834	Quercus agrifolia	Coast Live Oak	22+15+15+14+7	34	25	48	2	3	34	8.5	Yes	Yes	None	None at this time



VEGETATION MANAGEMENT AND ENHANCEMENT PLAN

OVERALL PROPERTY: Performance of the following general vegetation management measures related to the overall property shall be performed and verified as complete prior to final of the grading permit.

1. Identify biological elements and protected plants and implement measures as defined in the Healdsburg Area A Specific Plan EIR.
2. Assess presence of invasive plants, eliminate as required.
3. Assess and remove ground fuels, ladder fuels, provide canopy separation.
4. Identify and remove trees dead, dying, or with structural issues.

LOT SPECIFIC ZONES: Prior to issuance of building permit, individual lot assessments of vegetation shall be performed to evaluate impacts related to a proposed custom building footprint, and findings consistent with this VMEP, shall be provided to and accepted by the City of Healdsburg prior to issuance of any building permit.

Implementation of vegetation management measures identified in the individual assessment of vegetation including fire management requirements shall be completed prior to occupancy of any structure.

In addition to overall management measures, the following supplemental management measures shall be applied to each specific zone within each lot. Deferred measures to be completed at the time of individual lot development are noted.

Defensible Space Zone I, Building Envelope: Subject to overall site vegetation management plan measures; implementation of lot specific measures to be deferred to lot development and completed prior to occupancy.

1. Inventory all trees 6" dbh and above by type, size.
2. Tag and survey tree locations.
3. Evaluate tree condition, health, and structural integrity.
4. Identify and remove trees dead, dying or with structural issues.
5. Identify and locate all heritage trees by type, size. Define heritage tree protection zones within each building envelope.
6. All trees located in Defensible Space Zone 1 except heritage trees, are not protected and subject to removal as a result of building placement and associated site improvements.

Defensible Space Zone II, 50' Beyond Building Envelope: Subject to overall site vegetation management plan measures; implementation of lot specific measures to be deferred to lot development completed prior to occupancy.

1. All trees, 6" diameter and above, shall be identified and surveyed by type, size at time of individual lot development.
2. Evaluate condition, health, and structural integrity of all trees in Defensible Space Zone II.
3. Identify and remove trees dead, dying or with structural issues.
4. Identify and locate all heritage trees by type, size. Define heritage tree protection zones within Defensible Space Zone II.
5. All trees located in Defensible Space Zone II except heritage trees are not protected and subject to removal as a result of proximity to building placement and associated improvements.

Defensible Space Zone III, 50' to 100' Building Envelope

1. Identify and locate all heritage trees by type, size.
2. Provide description and nature of existing vegetation.
3. Vegetation management per overall property measures.

Defensible Space Zone IV, 100' Plus Beyond Building Envelope

1. Identify and locate all heritage trees by type, size.
2. Provide description and nature of existing vegetation.
3. Vegetation management per overall property measures.

Riparian Area

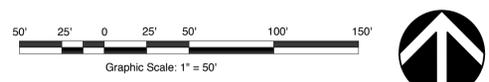
1. Identify biological elements and protected plants defined in the Healdsburg Area A Specific Plan EIR
2. Assess presence of invasive non-native plants, eliminate as required.
3. All trees including dead, dying trees shall remain undisturbed as wildlife habitat (subject to arborist approval).

LEGEND

	TREE WITH ID NUMBER TO REMAIN WITH NO PROTECTIVE MEASURES		DEFENSIBLE SPACE ZONE I, BUILDING ENVELOPE
	TREE WITH ID NUMBER TO REMAIN WITH PROTECTIVE MEASURES		DEFENSIBLE SPACE ZONE II, 50' AREA BEYOND THE BUILDING ENVELOPE
	TREE WITH ID NUMBER 20" OR GREATER TO REMAIN		DEFENSIBLE SPACE ZONE III, 50' TO 100' AREA BEYOND THE BUILDING ENVELOPE
	TREE WITH ID NUMBER TO BE REMOVED		DEFENSIBLE SPACE ZONE IV, 100' PLUS AREA BEYOND THE BUILDING ENVELOPE, WOODLAND
	PHYTOPHYTIC TREE WITH ID NUMBER TO BE REMOVED		RIPARIAN ZONE
	HERITAGE TREE WITH ID NUMBER TO REMAIN		
	HERITAGE TREE WITH ID NUMBER TO BE REMOVED		

REFER TO TREE INVENTORY CHART FOR TREE IDENTIFICATION

VEGETATION MANAGEMENT AND ENHANCEMENT PLAN



DATE: 4/19/18
JOB: 2015-28
SCALE: 1" = 20'
DRAWN: DM