



PO Box 3188  
Hayward, CA 94540  
(510) 881-8733

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# Arborist Report

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**Prepared for: Dave Atwal**

**Proposed site: 24830 Fairview Ave Hayward, CA**

**Prepared by: Ronald Carden, Certified Arborist WE-3445A**



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## 1.0 Introduction

ArborTech Tree Care Inc. has been retained by Dave Atwal to undertake an arborist report and health assessment of the ordinance-sized trees at the proposed site including an inventory of the trees and a protection plan. The surveyed trees contained within this report are located throughout the lot of the proposed development site and access road to the new construction. The objective of this impact assessment was to evaluate the potential impact of the new construction/developments to the trees on the property.

The survey commenced on the 7<sup>th</sup> of August. The survey began with the trees located at the northern edge of the property line and continued counter-clockwise from there.

## 2.0 Survey & Assessment

A total of 29 trees on the property were surveyed. The trees were numbered, but no tag was placed on the tree. Only the trees on the proposed site of development were marked on the site map. Adjacent trees were not included. Trees were rated on a 0 to 100 scale taking into account functional and external limitations. Any excavating done in the critical root zone (under the canopy of a tree) should be performed under the guidance of a Certified Arborist. Any root over 2" in diameter should be inspected by a Certified Arborist to determine the feasibility of removal. Trees are identified on the site plan by common name. Minor pruning should be done to the trees (i.e. raise the canopy where needed) prior to the start of the job to allow proper entrance for any heavy equipment. A copy of the Tree Protection Plan should be given to all sub-contractors working on the project if applicable, and a copy should be available on-site for review.



### 3.0 Tree Inventory Table

The size of the subject trees was measured with a diameter tape 54” above the ground. The conditions of the trees were rated as described in the CTLA Guide to Plant Appraisal utilizing visual observations. The following table is a summarization of the species, DBH (Diameter), and overall condition of the subject trees. For the purpose of this report, the condition rating is based on a rating from 0 to 100 with 0 being the worst and 100 being the best rating. This number shall be used as a baseline for comparison to existing live trees as they are, by species in similar health and condition.

Tree #	Species	DBHs	Rating	Maintenance	Remarks
1	Bluegum Eucalyptus 'Eucalyptus globulus'	9,8,8,5,4,4,4,4	45%	Little to none	Sprouted from a stump, multitrunk
2	Bluegum Eucalyptus 'Eucalyptus globulus'	11,11,10,9,9,6,6,5,5,5,4	45%	Little to none	Sprouted from a stump, multitrunk
3	Bluegum Eucalyptus 'Eucalyptus globulus'	11,11,9,7,6,6,6,5,4	45%	Little to none	Sprouted from a stump, multitrunk
4	Bluegum Eucalyptus 'Eucalyptus globulus'	12,12,11,11,11,10,9,9,9,7,7,6,6,6,4	45%	Little to none	Sprouted from a stump, multitrunk
5	California Pepper 'Schinus molle'	18,8,7,6,6,5,3	60%	Little to none	Sprouted from a stump, multitrunk
6	California Pepper 'Schinus molle'	7,6,6,5,5,5,4,4	60%	Little to none	Sprouted from a stump, multitrunk
7	California Pepper 'Schinus molle'	6,5,4,4,3	60%	Little to none	Sprouted from a stump, multitrunk
8	California Pepper 'Schinus molle'	8,5,4,4,3	60%	Little to none	Sprouted from a stump, multitrunk
9	California Pepper 'Schinus molle'	8,5,4	60%	Little to none	Sprouted from a stump, multitrunk
10	California Pepper 'Schinus molle'	5,5,5,4,4,3,3,3	60%	Little to none	Sprouted from a stump, multitrunk
11	Coast Live Oak 'Quercus agrifolia'	10	75%	Little to none	Utility lines overhead, low crown, may need to be trimmed to get vehicles in
12	Velvet Ash 'Fraxinus velutina'	8,6,4	35%	Little to none	In state of decline, warped trunk
13	Coast Live Oak 'Quercus agrifolia'	8	75%	Little to none	Dense crown, vigorous
14	Italian Stone Pine 'Pinus pinea'	12,11	65%	Little to none	Vigorous
15	Italian Stone Pine 'Pinus pinea'	14	65%	Little to none	Vigorous
16	Coast Live Oak 'Quercus agrifolia'	7,5	75%	Little to none	Codominant trunks, dense crown
17	Coast Live Oak 'Quercus agrifolia'	14,13	60%	Little to none	Codominant trunks, dense crown
18	Bluegum Eucalyptus 'Eucalyptus globulus'	7	55%	Little to none	Vigorous
19	Bluegum Eucalyptus 'Eucalyptus globulus'	9,7	45%	Little to none	Codominant trunks
20	Bluegum Eucalyptus 'Eucalyptus globulus'	7,7,5,5	45%	Little to none	Multitrunk
21	Bluegum Eucalyptus 'Eucalyptus globulus'	12	55%	Little to none	Vigorous
22	Bluegum Eucalyptus 'Eucalyptus globulus'	7	55%	Little to none	Vigorous
23	Bluegum Eucalyptus 'Eucalyptus globulus'	8	55%	Little to none	Vigorous
24	Bluegum Eucalyptus 'Eucalyptus globulus'	8	45%	Little to none	Vigorous
25	Bluegum Eucalyptus 'Eucalyptus globulus'	6,5,5	45%	Little to none	Multitrunk
26	Bluegum Eucalyptus 'Eucalyptus globulus'	7	55%	Little to none	Vigorous
27	Bluegum Eucalyptus 'Eucalyptus globulus'	11,6	45%	Little to none	Multitrunk
28	Bluegum Eucalyptus 'Eucalyptus globulus'	10,5,4,4,4	45%	Little to none	Multitrunk
29	Bluegum Eucalyptus 'Eucalyptus globulus'	11,7,5	45%	Little to none	Multitrunk



## 4.0 Site Map



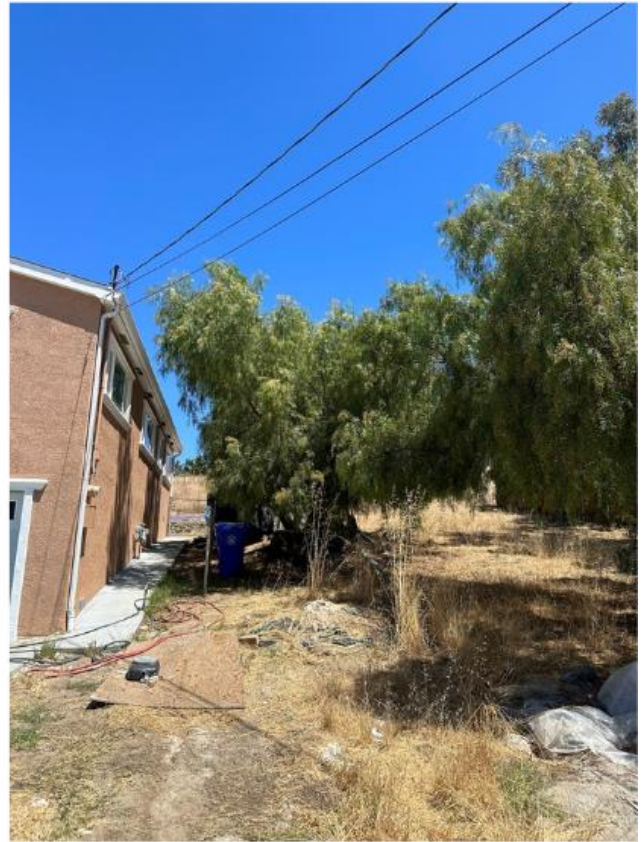
**Note: Satellite image is not a current picture. Trees not numbered have been removed, in an adjacent lot, or are not ordinance-sized.**



**5.0 Photos**



**Trees 1-4**



**Trees 5-6**







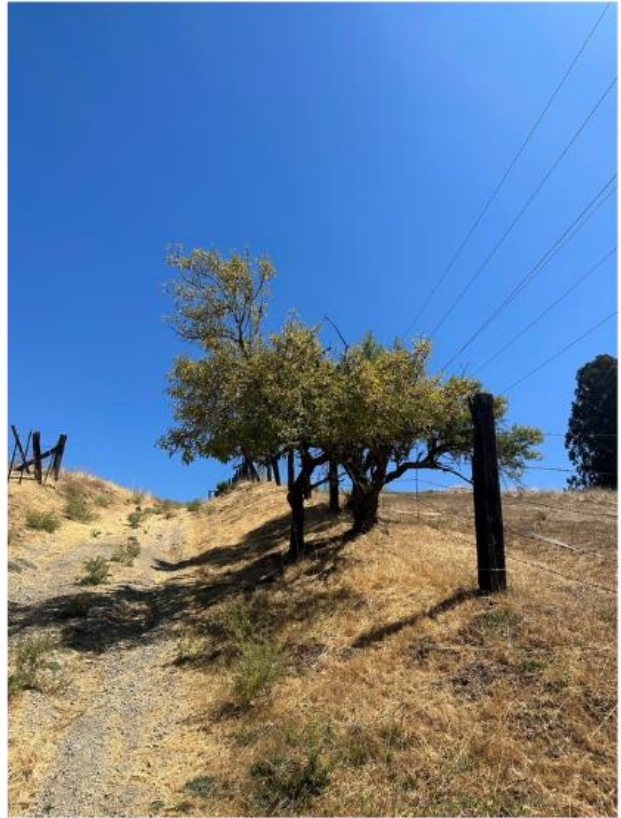
**Trees 7-8**



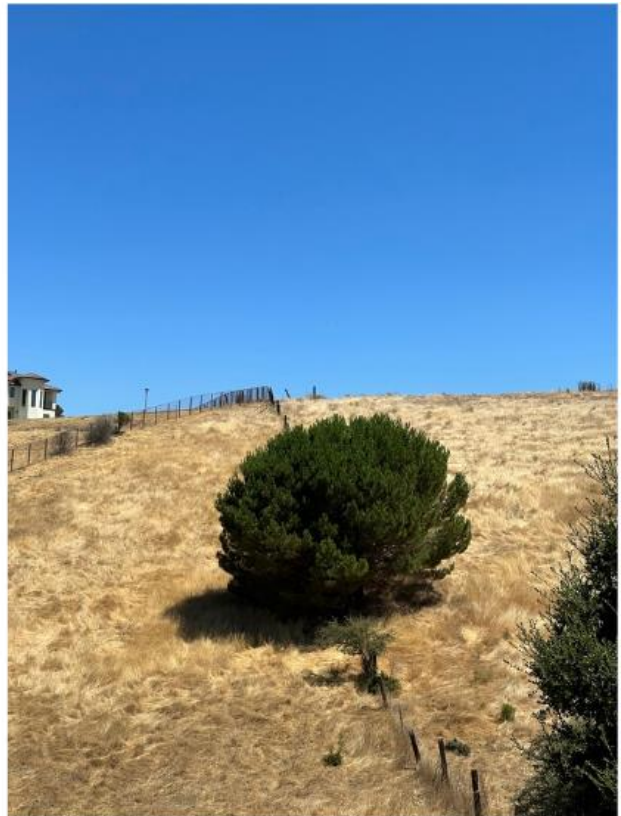
**Trees 9-10**







**Trees 11-12**



**Trees 13, 14, 15**







**Trees 16-17**



**Trees 18-29**



## 7.0 Tree Protection Plan

**In order to minimize damage to existing trees, the project will observe the following measures during construction:**

1. All construction activity (grading, filling, paving, excavation landscaping etc.) shall respect a tree protection zone (TPZ) around protected trees. The TPZ should be a distance of 1.0 times the dripline radius measured from the trunk of the tree. Exception to this standard could be considered provided it is demonstrated that an encroachment into the TPZ will not affect the root system or the health of the trees, and it is authorized by a certified Arborist or comparable specialist.
2. Drainage will not be allowed to pond around the base of any tree.
3. A Certified Arborist shall be retained to perform any necessary pruning of trees during construction activity.
4. Roots exposed, as a result of construction activities shall be covered with wet burlap to avoid desiccation and should be buried as soon as practicable.
5. Only a Certified Arborist shall make specific recommendations as to where existing trees can safely tolerate some level of fill within the drip line.
6. Trenches that are required within the TPZ shall be hand-dug or bored (tunneled) under the root(s) to minimize damage.
7. Construction materials and heavy equipment shall be properly stored away from protected trees to avoid spillage or damage.
8. All subcontractors shall be provided a copy of the Tree Protection Plan

### Typical signage

#### **TREE PROTECTION FENCE**

- **No unauthorized entrance**
- **No washout, runoff, or drainage allowed beyond the fence**
- **Construction materials and heavy equipment shall be properly stored away from protected trees to avoid spillage or damage**
- **Trenching, boring, or excavation in the protected area shall be performed only under the direction of a Certified Arborist**

**Arborist Info: Ron Carden 510-881-8733**





## TERMS OF ASSIGNMENT

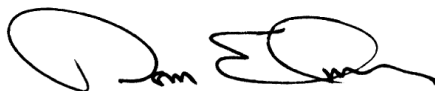
The following terms and conditions apply to all oral and written reports and correspondence pertaining to the consultations, inspections and activities of Arbortech Tree Care Inc.

1. All property lines and ownership of property, trees, and landscape plants and fixtures are assumed to be accurate and reliable as presented and described to the consultant, either verbally or in writing. The consultant assumes no responsibility for verification of ownership or locations of property lines, or for results of any actions or recommendations based on inaccurate information.
2. It is assumed that any property referred to in any report or in conjunction with any services performed by Arbortech Tree Care Inc. is not in violation of any applicable codes, ordinances, statutes, or other governmental regulations, and that any titles and ownership to any property are assumed to be good and marketable. Any existing liens and encumbrances have been disregarded.
3. All reports and other correspondence are confidential, and are the property of Arbortech Tree Care Inc. and its named clients and their assigns or agents. Possession of this report or a copy thereof does not imply any right of publication or use for any purpose, without the express permission of the consultant and the client to whom the report was issued. Loss, removal or alteration of any part of a report invalidates the entire appraisal/evaluation.
4. The scope of any report or other correspondence is limited to the trees and conditions specifically mentioned in those reports and correspondence. Arbortech Tree Care Inc. and their consultants assume no liability for the failure of trees or parts of trees, either inspected or otherwise. The consultant assumes no responsibility to report on the condition of any tree or landscape feature not specifically requested by the named client.
5. All inspections are limited to visual examination of accessible parts, without dissection, excavation, probing, boring or other invasive procedures, unless otherwise noted in the report. No warrantee or guarantee is made, expressed or implied, that problems or deficiencies of the plants or the property will not occur in the future, from any cause. The consultant shall not be responsible for damages caused by any tree defects, and assumes no responsibility for the correction of defects or tree related problems.
6. The consultant shall not be required to provide further documentation, give testimony, be deposed, or to attend court by reason of this appraisal/report unless subsequent contractual arrangements are made, including payment of additional fees for such services as described by the consultant or in the fee schedules or contract.
7. Arbortech Tree Care Inc. Makes no warrantee, either expressed or implied, as to the suitability of the information contained in the reports for any purpose. It remains the responsibility of the client to determine applicability to his/her particular case.
8. Any report and the value, observations, and recommendations expressed therein represent the professional opinion of the consultant and the fee for services is in no manner contingent upon the reporting of a specified value nor upon any particular finding to be reported.
9. Any photographs, diagrams, graphs, sketches or other graphic material included in any report, being intended solely as visual aids, are not necessarily to scale and should not be construed as engineering reports or surveys, unless otherwise noted in the reports. Any reproductions of





graphic material or the work product of any other persons is intended solely for the purpose of clarification and ease of reference. Inclusion of said information does not constitute a representation by Arbortech Tree Care Inc. or the consultant as to the sufficiency or accuracy of that information. Payment terms are net payable upon receipt of invoice. All balances due beyond 30 days of invoice dates will be charged a service fee of 1.5 percent per month (18.0% APR). All checks returned for insufficient funds or any other reason will be subject to a \$25.00 service fee. Advance payment of fees may be required in some cases.



Ron Carden  
Certified Arborist # WE-3445A

