



Tree Evaluation

Prepared For:

David Viggiano

USGL Land, LLC

1200 Business Center Drive

San Leandro, CA 94577

Prepared By:

Bob Peralta

Bob Peralta Arbor Consulting

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November 3, 2021

Dear David,

Thank you for asking me to provide a Consulting Arborist Report for your Proposed new Home Project located at 5 Casa de Campo in Creekside Oaks - in Martinez, California. I visited the site on October 31, 2021, to review the House Layout Plan provided by Aliquot Civil Engineering dated 9-25-2021, using Sheet C. The purpose of my site visit is to evaluate any impact the proposed home may have on any protected trees. I reviewed a total of 36 trees that surround the proposed home that include (29) Coast Live oaks (*Quercus agrifolia*), (6) Valley oaks (*Quercus lobata*), and (1) Bay Laurel (*Laurus nobilis*).

A majority of the trees I evaluated are growing above the driveway and retaining wall leading into the lot. There are (3) species of trees common to Martinez and surrounding hillsides, these are the Live oaks, Valley oaks and one Bay Tree. These trees have been growing in a grove amongst each other for many years. As trees continue to mature they started competing for sunlight resulting in the lower trees leaning away from the trees above them. This resulted in 75% of the trees leaning at a 45 degree angle towards the driveway and retaining wall. Within this grove are (5) dead trees that need to be removed before they fail. There are (8) critical trees that are leaning so severely they cannot be safely pruned, these are also recommended for removal. The trees that are in poor condition have poor canopy structure and most of the canopy is full of deadwood from the competing trees growing above them. These trees are also recommended for removal before they fail or die off creating fire hazards.

Above this grove are many other trees that are in good health and far enough away from the proposed home. With all the recent fires it is recommended to remove the dead trees and any tree that can create a fire ladder. The remaining trees can be safely pruned to keep them from failing and to remove any deadwood or low hanging branches. The remaining healthy trees near the proposed new home need to be protected following the Tree Protection Guidelines below.

I have attached maps that show the general location of each tree and a picture of each tree with diameter (dbh) and tree tag #.

Please review the health rating below and tree protection measures.

Listed below Is the Inventory and Health of each protected tree.

Tree Inventory and Health

Note: Trees are measured using the DBH method – circumference, measured at 4.3 above the ground.

Map ID Tag	Tree Tag #	Species	DBH	Health
①	4157	Coast Live Oak	30/28	Poor
②	4185	Coast Live Oak	21"	Poor
③	4184	Coast Live Oak	23"	Poor
④	4183	Coast Live Oak	17"	Poor
⑤	4181	Coast Live Oak	17"	Poor
⑥	4177	Coast Live Oak	9"	Poor
⑦	4176	Valley Oak	14"	Poor
⑧	4165	Coast Live Oak	28/22	Poor
⑨	2765	Valley Oak	14"	Fair
10	2766	Valley Oak	10/8	Poor
11	2771	Coast Live Oak	25"	Fair
12	2768	Coast Live Oak	30"	Dead
13	2770	Coast Live Oak	30"	Poor
⑭	4158	Coast Live Oak	20"	Poor
⑮	4164	Valley Oak	8"	Poor
⑯	4162	Valley Oak	14"	Poor
⑰	4163	Coast Live Oak	6"	Poor
⑱	4178	Coast Live Oak	10/8	Poor
⑲	4179	Valley Oak	16"	Fair
⑳	4188	Coast Live Oak	13"	Poor
㉑	4187	Coast Live Oak	16"	Poor
㉒	4180	Coast Live Oak	24"	Poor
㉓	4182	Bay Laurel	8/12	Poor
24	292	Coast Live Oak	22	Critical
㉕	4186	Coast Live Oak	22/24/18	Critical
㉖	293	Coast Live Oak	19"	Critical
㉗	4147	Coast Live Oak	14"	Critical
㉘	4156	Coast Live Oak	8"	Fair
㉙	4149	Coast Live Oak	13"	Dead
㉚	4150	Coast Live Oak	20"	Dead

Map ID Tag	Tree Tag #	Species	DBH	Health
31	4143	Coast Live Oak	12/14	Critical
32	4154	Coast Live Oak	12/14	Critical
33	4155	Coast Live Oak	24"	Critical
34	4189	Coast Live Oak	12/22	Critical
35	4197	Coast Live Oak	14/12	Dead
36	4198	Coast Live Oak	14/12/17	Dead

I have been contracted by you to monitor the health of all your trees on site and to install protective fencing around the protected trees. I will be on site during any grading activity or pruning needs throughout the duration of the project. Below are the Tree Protection recommendations.

Recommended Tree Protection Guidelines:

All contractors including demolition, grading, and underground contractors, sub-contractors, construction superintendent and other pertinent personnel should be required to review these guidelines with the Project Arborist (PA) prior to beginning work on site. The Tree Protection Zone (TPZ) identifies will be installed 2' outside of the drip-line in a half circle on all sides of the proposed home - by installing 4' high orange protective fencing around the entire drip-line of the tree and roots from disturbance.

The installation will be installed by the Project Arborist (Bob Peralta) and any work within the erected TPZ will need permission from the PA before being moved.

The following signs will be posted on 8.5x11 inches and installed on all the fences – the sign will read:

**This is a Tree Protection Zone
 Movement of this fence requires the prior authorization of the Project
 Arborist & Owner**

(List Contact Information)

Activities prohibited within the TPZ include:

- Storage or parking vehicles, building materials, refuse, excavated spoils, or dumping of paint or poisonous materials on or around trees and roots. Poisonous materials include, but are not limited to, paint, petroleum products, concrete or stucco mix dirty water or any other material which may be deleterious to tree health.

- The use of tree trunks as winch support, anchorage, as a temporary power pole, sign-post or any other similar function.
- Cutting of roots by utility trenching, foundation digging, placement of curbs, trenches and other miscellaneous excavation without prior approval of the PA.
- Soil disturbance or grade/drainage changes.
- Materials must not be stored, stockpiled, dumped, even temporarily, inside the TPZ of protected trees.

Activities permitted within the TPZ include: As needed or recommended by the PA

- Irrigation, aeration, or other beneficial practices that have been specifically approved for use within the TPZ.
- Mulch if needed and or fertilization as recommended by monthly site visits by the PA.
- Each site visit will require a report recommending tree healthcare supplements, recommended watering as needed during peak summer months and reduction into Fall and Winter.

Please give me a call if you have any questions.

Sincerely,

Bob Peralta

Bob Peralta
Certified Arborist WE-7150A
ASCA Consulting Arborist #505