

February 17, 2021

Bridget Metz  
Steelwave  
101 California St., Suite 800  
San Francisco, CA 94111



Subject: **Arborist Report**  
2213 & 2221 4<sup>th</sup> St., 2212 and 2216 5<sup>th</sup> St. (Phase III), Berkeley CA

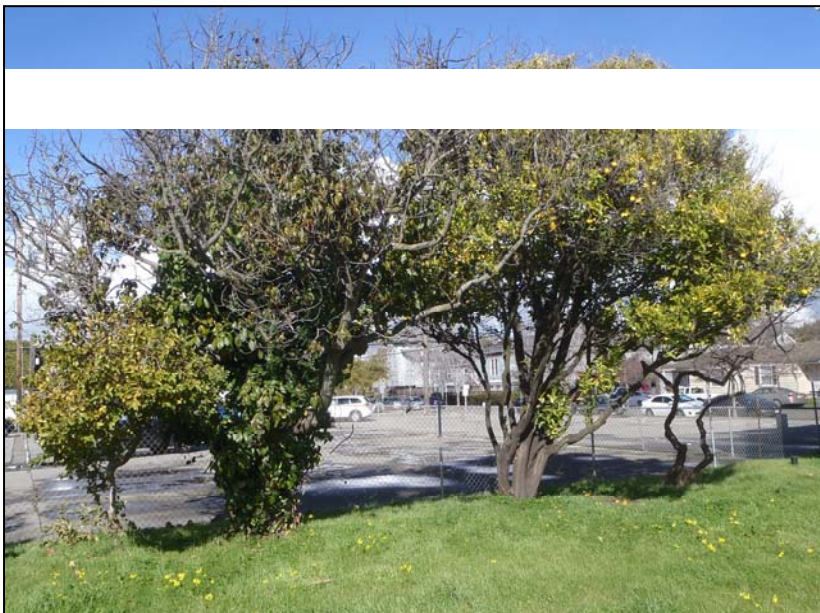
Dear Ms. Metz:

Steelwave is working on the proposed parking structure to be constructed on the subject addresses, in Berkeley CA (aka The Lab Phase III). HortScience | Bartlett Consulting, Divisions of the F. A. Bartlett Tree Expert Co., was asked to prepare a **Tree Inventory Report** for the site. This letter responds to that request.

**Description of Trees**

I visited the site on January 29, 2021. Three (3) trees were assessed, all of which were located in the rear yard of the 2212 5<sup>th</sup> St. property. I inspected the remainder of the subject addresses and found no additional on-site or street trees. Descriptions of trees are provided in the **Tree Assessment Form** and locations are shown on the **Tree Inventory Map** (see Exhibits).

The trees included two lemons (*Citrus limon*) and an avocado (*Persea americana*) growing along the northern property line. All three trees were mature in form and development, with multiple trunks measuring from 1” to 14” in diameter. Both lemons were in fair condition and the avocado was in poor (**Photo 1**). The lemons showed moderate dieback of small twigs and branches and the avocado was all but dead, with most of the green in the crown coming from English ivy.



**Photo 1:**  
Looking northeast at lemon #98 (R) and avocado #99 (L). The lemon was in fair condition, with moderate twig dieback.

The avocado was in poor condition, with most of the green that can be seen in its crown coming from English ivy.

The City of Berkeley Ord. #6321-N.S./6462-N.S. establishes a moratorium on the removal of any single-stemmed coast live oak with a trunk diameter of 6" or larger or any multi-stemmed coast live oak with an aggregate diameter of 8" or larger. In this case, no coast live oak trees were assessed on the subject properties.

***Evaluation of Impacts***

Appropriate tree retention develops a practical match between the location and intensity of construction activities and the quality and health of trees. The **Tree Assessment** was the reference point for tree condition and quality. I reviewed the Proposed Site Plan prepared by Steelwave (dated 1/14/2021) to estimate impacts to the tree.

Based on my review of the plan, all three trees would be removed to allow for site demolition and construction of a new parking structure.

If you have any questions regarding my observations or recommendations, please feel free to contact me.

**HortScience | Bartlett Consulting**



John Leffingwell  
Board Certified Master Arborist WE-3966B  
Registered Consulting Arborist #442

**Exhibits:**      ***Tree Assessment Form***  
  
                         ***Tree Inventory Map***

# Tree Assessment

**The Lab Phase III**  
 Berkeley, California  
 January 2021



TREE No.	SPECIES	SIZE DIAMETER (in inches)	CONDITION 1=POOR 5=EXCELLENT	SUITABILITY FOR PRESERVATION	COMMENTS
98	Lemon	8,6,5,4,4,3,2,2	3	Moderate	Multiple attachments at base; one sided E.; moderate twig dieback.
99	Avocado	14,8	1	Low	Multiple attachments at 4'; extensive dieback; mostly ivy.
100	Lemon	6,3,1,1,1,1	3	Moderate	Multiple attachments at base; moderate twig dieback.



#100

#99

#98

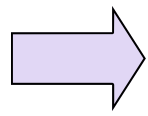
2212 5th St.

# Tree Inventory Map

2212 5th St.  
Berkeley CA

Prepared for:  
Steelwave  
San Francisco, CA

January 2021



Notes:  
Base map provided by:  
Google Earth  
Tree locations are approximate.



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