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ARBORIST REPORT

For

Jason Eyer, 21 Melville Ave, San Anselmo, CA 94960

PURPOSE

Urban Forestry Associates (UFA) was hired by Jason Eyer to assess a Coast Live Oak tree on his 21 Melville Avenue property in San Anselmo. I inspected the subject tree and property on April 21, 2020. This report provides my observations, conclusions and recommendations.

SCOPE OF WORK AND LIMITATIONS

Urban Forestry Associates has no personal or monetary interest in the outcome of this investigation. All observations regarding trees in this report were made by UFA, independently, based on our education and experience. All determinations of health condition, structural condition, or hazard potential of a tree or trees at issue are based on our best professional judgment. The health and hazard assessments in this report are limited by the visual nature of the assessment. Defects may be obscured by soil, brush, vines, aerial foliage, branches, multiple trunks or other trees. Even structurally sound, healthy trees are wind thrown during severe storms or fail due to other weather conditions. Consequently, a conclusion that a tree does not require corrective surgery or removal is not a guarantee of no risk, hazard, or sound health.

OBSERVATIONS

Tree # 1:

Species	Coast Live Oak (<i>Quercus agrifolia</i>) WC ISA Appraisal Class 2 Group 3
Size	24.4" DBH, 76.7" CBH. 22" @ 2' a.g.
Location	In the Eyer backyard within 3.8 feet of the NE corner of their home (See Aerial Figure 1)
Target	The Eyer home and the NE neighbor's home (Figure 1).
Condition	Very Good health, Fair structural condition. The tree's root system is limited by the house foundation, sidewalk and back walk. (See Figure 2) It is my understanding a section of the NE foundation was replaced relatively recently but the foundation near the corner of the home, which was built in 1907, could not be replaced so close to the tree without affecting the root system (See Figures 2 & 3). The lean and balance of the tree is over the Eyer home (See Figures 1 & 4). The NE foundation corner is lifted as evidenced by a crack, the angle siding of the house relative to new windows installed level and plumb (See figures 5, 6 & 7).

Conclusions:

1. The house foundation and the home itself is lifted at the NE corner adjacent to the subject tree.
2. The close proximity of the tree and structural root system to the foundation inhibits the replacement of the old foundation at the NE corner.
3. The old foundation is spalled and cracked.
4. The sidewalk and back walk are lifted by the tree roots creating a high tripping risk.
5. The root system of the tree is limited by the foundation and other adjacent infrastructure.



Figure 1 – The Subject Live Oak tree is located by the NE corner of the Eyer home.



Figure 2 – The root system is limited by the house foundation and infrastructure.



Figure 3 – The tree is within 3.8' of the NE corner of the old foundation and is lifting and breaking it.



< Figure 4 – The lean and balance of the tree is toward the home

Figure 5 (above)- The back sidewalk is lifted and the foundation is cracked about 4 feet from the NE corner of the Eyler home.



Figure 6a & b – The east and north foundation sections are lifted toward the NE corner and subject oak tree.

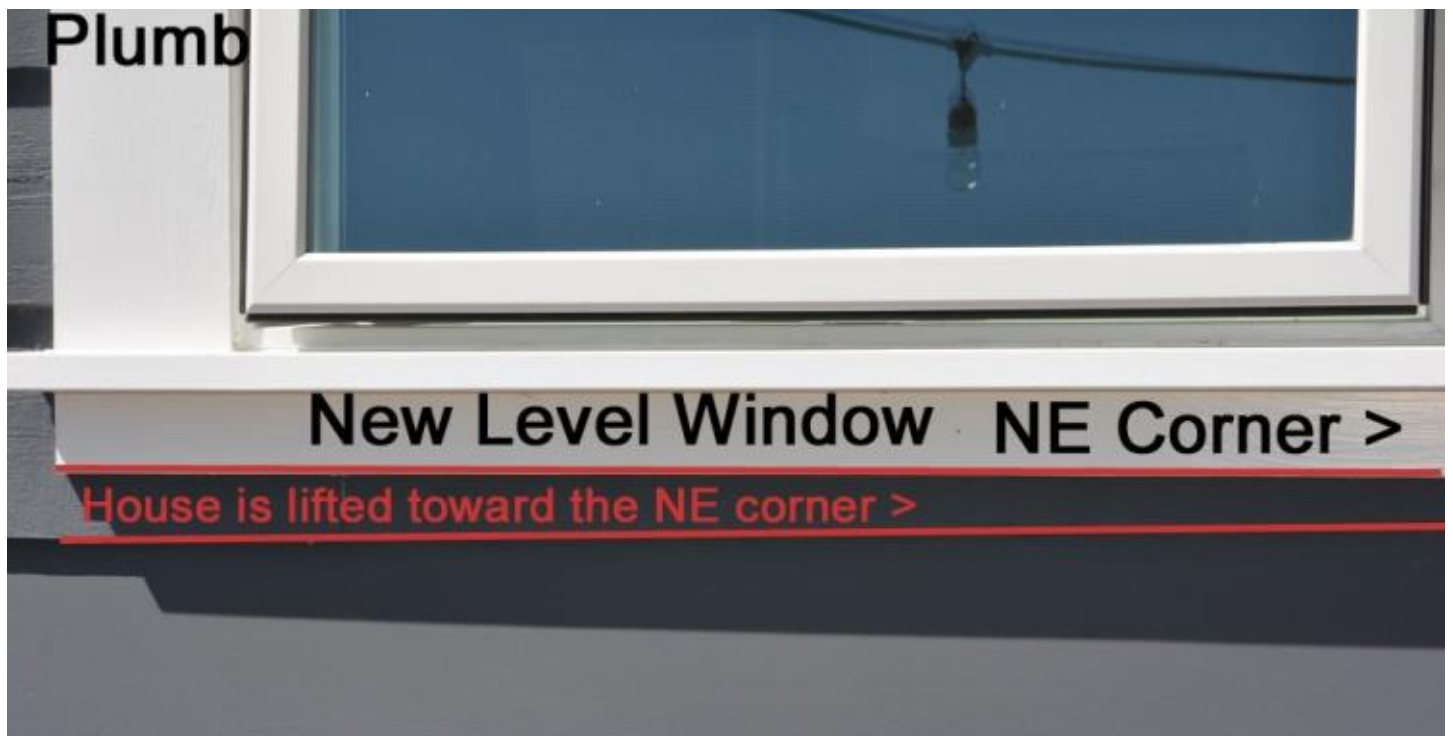


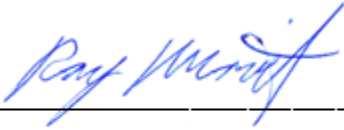
Figure 7 – The out-of-level siding relative to the new level shows the Eyler home is higher at the NE corner.

TREE WORK STANDARDS AND QUALIFICATION

All tree work, removal, pruning, planting, shall be performed using industry standards as established by the International Society of Arboriculture. Contractor must have a State of California Contractors License for Tree Service (C61-D49) or Landscaping (C-27) with general liability, worker's compensation, and commercial auto/equipment insurance.

Contractor standards of workmanship shall adhere to current Best Management Practices (where possible) of the International Society of Arboriculture (ISA) and the American National Standards Institute (ANSI) for tree pruning, fertilization and safety (ANSI A300 and Z133.1). However, structural stability is the primary goal.

Ray Moritz, SAF Certified Forester #241, ISA Qualified Tree Risk Assessor.



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