

ARBORIST Memo

Memo Date:

May 16, 2022

Original report dated:

January 8, 2022

Prepared for:

Buchan Homes

Jamie Buchan

Site Address:

9017 SE 60th St.

Mercer Island, WA

Prepared by:

Tom Quigley

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NARRATIVE

Scope of Work

You have asked me to prepare a brief memo in response to comments from Mercer Island City arborist John Kenney regarding two (2) trees located in the right-of-way (ROW) at the above referenced site. This memo should be considered together with a narrative report dated January 8, 2022, for this same property.

Findings

I visited the site May 5, 2022 to assess the two trees located in the ROW. Each tree is detailed here.

There is a Madrone Tree, *Arbutus menziesii*, that measured 4.97" DBH, rounded to 5.0" DBH. There are two (2) photos of the tree included below. The tree is leaning toward the street and the tree has a very advanced leaf fungal infection that has impacted 100% of the established foliage. There are new leaf buds beginning to open but they will be infected with the same fungal pathogen. The tree has landscape value and could possibly be nursed back to health by beginning a leaf fungal abatement program. It would not be unreasonable to remove the tree due to its current condition and to the fact that the lean cannot be corrected; the lean will become more problematic over time with regards to any risk of future failure with impact to the street, and pedestrian use. If you decide to remove the tree due to its structural lean and due to advanced defoliation, you will be required to plant one tree as near as possible to the current tree's location. If you retain it, the Tree Protection Fencing detailed for Tree #1 will also provide protection for this Madrone tree.

The second tree is a Laceleaf maple, *Acer palmatum dissectum*. This tree measured 8.0" diameter, said measurement taken just above grade, at the apparent graft mark. This tree has very good landscape value and is well worth the effort to protect and preserve it. Protection for this tree would include Tree Protection Fencing at its dripline radius. The dripline is 5' east and west and 6' north and south. Protection and mitigation measures are as detailed in the original report dated January 8, 2022.

There is one or more English Holly shrubs/trees growing just off of the NW corner of the property. There is a storm drain catch basin located in this area as well. It is desirable to remove the invasive Holly, as may be possible. Cutting it to the ground without stump removal may be the only option due to nearby tree roots and the storm drain catch basin. Removal to the ground will cause the Holly to sprout multiple sprouts from the stump. These sprouts can be managed by annual removal until the Holly finally succumbs to the repeated removal.

Conclusions

The City requires that all trees located in the ROW be retained and protected, if possible. John Kenney detailed that no additional gravel be added around these two trees located in the ROW. Currently there is lawn sod between the street asphalt edge and the planting bed that contains

the two offsite trees. Extending the Tree protection Zone for these two trees to include as much of the grass area as possible would be beneficial.

This memo was prepared by Thomas Quigley, ISA certified arborist PN0655A. Tree Risk Assessment Qualified (TRAQ) by the International Society of Arboriculture (ISA).

Two (2) photos below.



Madrone tree leans toward street. 5.0" DBH.



Madrone with 100% leaf fungal infection.

End of memo report

