



## Todd Prager & Associates LLC

### MEMORANDUM

**DATE:** August 2, 2022

**TO:** Habib Matin (Emerald Engineering & Construction Company)

**FROM:** Todd Prager, RCA #597, ISA Board Certified Master Arborist

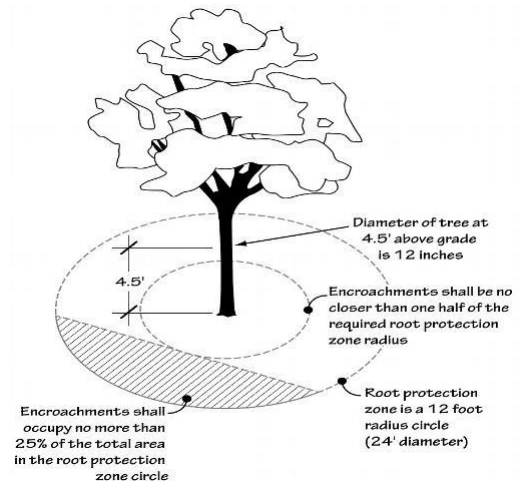
**RE:** Preservation of Trees 313 and 314 at the Scholls Ferry Apartments

This report provides supplemental information regarding the preservation of trees 313 and 314 at the Scholls Ferry Apartments project in Beaverton.

Both trees are proposed to be retained as requested by the property owner to the north. The trees are proposed to be protected during construction in accordance with widely accepted tree protection measures in the Willamette Valley as illustrated in Figure 1 and further detailed in my May 24, 2022 tree plan for the project.

As background, I met with Jered Lane, City of Beaverton Arborist, on April 29, 2021 and he concurred with the proposed retention of both trees. The following is a summary of the protection methods we discussed and agreed to implement for both trees during construction:

- *The minimum setback from the south side of the trees shall be 11 feet (note that the setback has been subsequently increased to 16 feet).*
- *The cut at that location must be vertical with no additional excavation for soil layback, forms, etc. Any foundation or wall needs to be poured against the soil cut line.*
- *No paving or utilities are permitted in the setback area including any foundation drains, roof drains, storm lines, sewer, water, gas, power, walkways, or other improvements that would require soil disturbance.*
- *Soil compaction prevention measures, tree protection fencing, and trunk protection will be required to prevent soil compaction and damage to the tree's trunk and remaining root zone.*



**Figure 1: Typical minimum protection zone**

- *No irrigation is permitted in the setback area.*
- *The project arborist is required to observe the excavation adjacent to the trees and document the impacts.*
- *Any roots over 1-inch diameter must be cut cleanly with a sharp pruning saw.*
- *The documentation of the excavation must be shared with the neighboring owner so they can make an informed decision of how to manage the trees.*

These protection measures should be conditioned and implemented for trees 313 and 314 as part of the project approval and construction.

Please contact me if you have questions, concerns, or need any additional information.

Sincerely,



**Todd Prager**

*ASCA Registered Consulting Arborist*

*ISA Board Certified Master Arborist, WE-6723B*

*ISA Qualified Tree Risk Assessor*

*AICP, American Planning Association*