

Memorandum

To: Seascope Homes LLC c/o Jon Tellefson
CC: Sturman Architects c/o Kati Eitzman
Site: 5222 Forest Ave SE, Mercer Island, WA 98040
Re: Exploratory Pneumatic Excavation
Date: June 20, 2024
Project Arborist: Connor McDermott
ISA Certified Arborist PN-8704A
ISA Qualified Tree Risk Assessor
John Wells
Arborist Technician
Referenced Documents: Site Plan A1.1 (Sturman Architects, 05/14/2024)

Summary

This memorandum documents the site visit of Connor McDermott and John Wells, of Tree Solutions Inc., to the above referenced site on June 14, 2024. We were asked to visit the site and perform exploratory pneumatic excavation at the proposed limits of disturbance for tree 1005 in preparation for a site development. We were asked to provide a memo with our findings and evaluation of proposed impacts. This memo only includes the tree within the immediate construction area as delineated on site plan specifically referenced in this memo (Figure 1).

We utilized staking by the contractor, Jon Tellefson of Seascope Homes LLC, to determine the proposed limits of disturbance adjacent to the tree (Photo 1). We excavated an approximately 30 foot long trench 19 feet east of tree 1005 to a depth of 24 inches (Photo 2). We exposed no structural roots, roots over 2-inches diameter, during out excavation and exposed minimal fine roots (Photo 3). Photos documenting our excavation can be found in Appendix B.

In our professional opinion, the proposed disturbance will have a minimal impact to the health and structural condition of the tree. We recommend tree protection measures in accordance to Mercer Island Municipal Code 19.10.080, including tree protection fencing, are set at the proposed limits of disturbance.

Respectfully Submitted,

Connor McDermott,
Consulting Arborist

Appendix A Figures

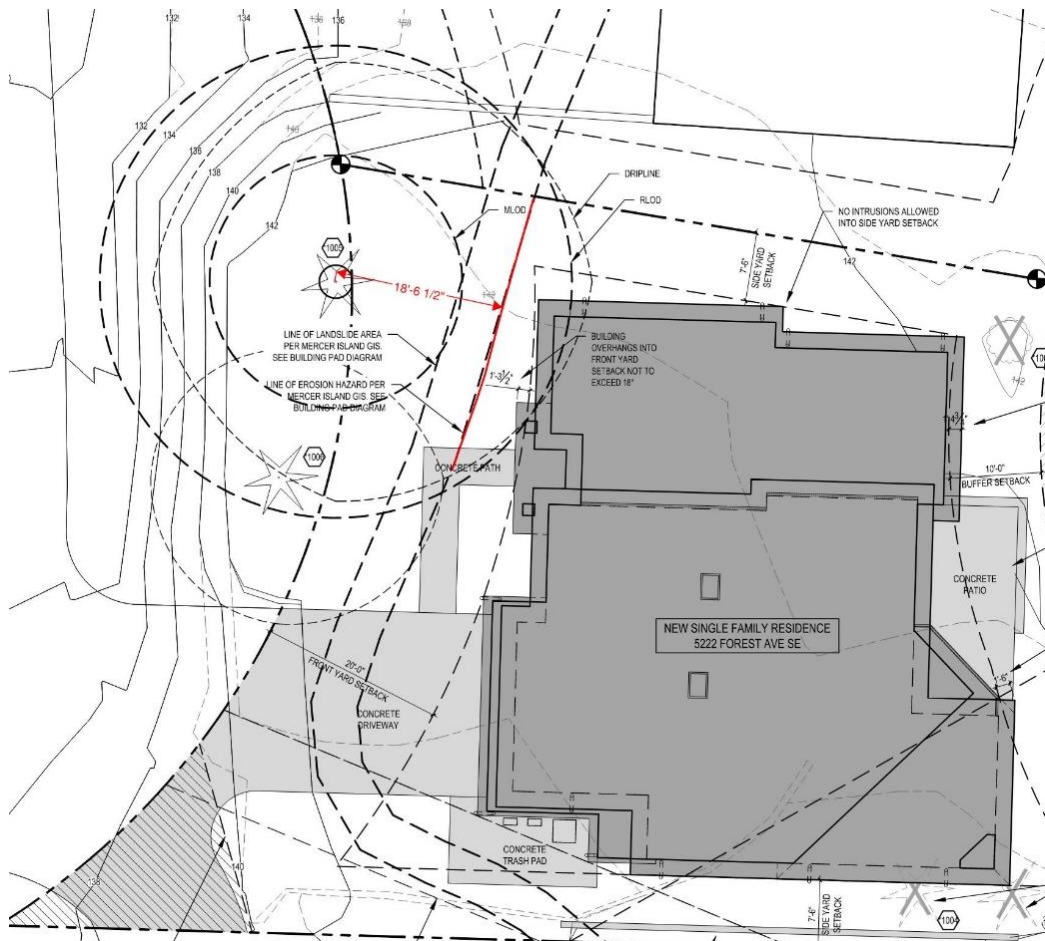


Figure 1. Snip of the provided site plan (Site Plan A1.1, Sturman Architects, 05/14/2024). The approximate location of the excavation performed is indicated by the red line.

Appendix B Photographs

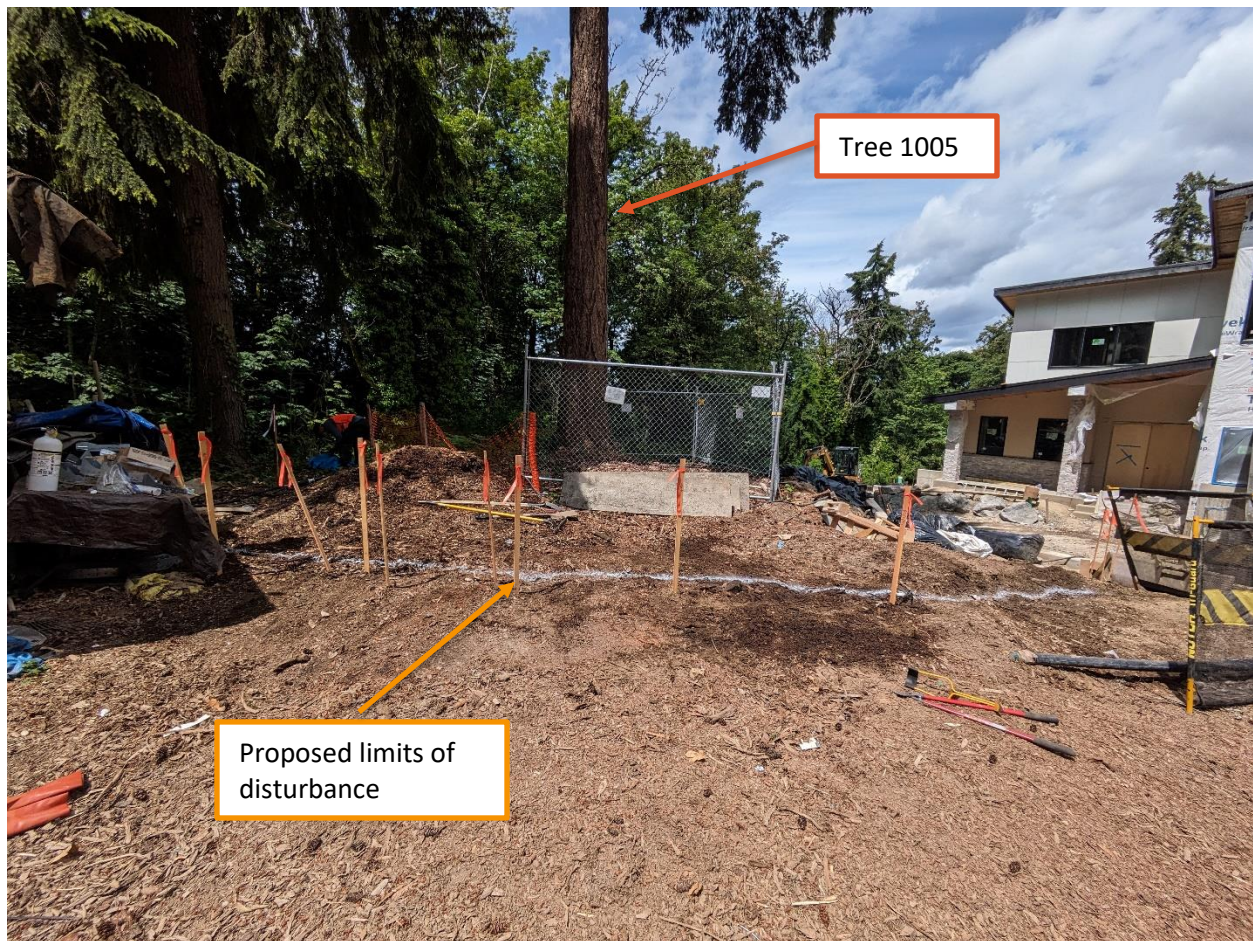


Photo 1. Tree 1005 indicated above. The proposed limits of disturbance, and where we trenched, is indicated by the orange staking.



Photo 2. View of the trench from the north following pneumatic excavation.



Photo 3. A typical section of trench with small feeder roots are exposed.

Appendix C Assumptions & Limiting Conditions

- 1 Consultant assumes that the site and its use do not violate, and is in compliance with, all applicable codes, ordinances, statutes or regulations.
- 2 The consultant may provide a report or recommendation based on published municipal regulations. The consultant assumes that the municipal regulations published on the date of the report are current municipal regulations and assumes no obligation related to unpublished city regulation information.
- 3 Any report by the consultant and any values expressed therein represent the opinion of the consultant, and the consultant's fee is in no way contingent upon the reporting of a specific value, a stipulated result, the occurrence of a subsequent event, or upon any finding to be reported.
- 4 All photographs included in this report were taken by Tree Solutions, Inc. during the documented site visit, unless otherwise noted. Sketches, drawings and photographs (included in, and attached to, this report) are intended as visual aids and are not necessarily to scale. They should not be construed as engineering drawings, architectural reports or surveys. The reproduction of any information generated by architects, engineers or other consultants and any sketches, drawings or photographs is for the express purpose of coordination and ease of reference only. Inclusion of such information on any drawings or other documents does not constitute a representation by the consultant as to the sufficiency or accuracy of the information.
- 5 Unless otherwise agreed, (1) information contained in any report by consultant covers only the items examined and reflects the condition of those items at the time of inspection; and (2) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, climbing, or coring.
- 6 These findings are based on the observations and opinions of the authoring arborist, and do not provide guarantees regarding the future performance, health, vigor, structural stability or safety of the plants described and assessed.
- 7 Measurements are subject to typical margins of error, considering the oval or asymmetrical cross-section of most trunks and canopies.
- 8 Tree Solutions did not review any reports or perform any tests related to the soil located on the subject property unless outlined in the scope of services. Tree Solutions staff are not and do not claim to be soils experts. An independent inventory and evaluation of the site's soil should be obtained by a qualified professional if an additional understanding of the site's characteristics is needed to make an informed decision.
- 9 Our assessments are made in conformity with acceptable evaluation/diagnostic reporting techniques and procedures, as recommended by the International Society of Arboriculture.