

Attn:
City of Gresham
Planning and Development

Andrea Koenig & Natasha Barnhill
Owners

RE:
R054700090
Tree Protection Plan, SW Lovhar
Gresham, OR

Hello,

Harrity Tree Specialists, Inc have been requested to produce a tree protection plan for new construction on a wooded lot.

Lot 5, Block 1 "Barger Heights"
NW ¼ SEC 15, T1S, R3E, W.M.

Please refer to "Tree Report for New Construction" (7/5/23) and the Tree Risk Assessment Report (8/3/23) for site specific information regarding tree inventory, trees proposed for removal, and other general site information. The purpose of this simple report is to provide a tree protection plan for the proposed new home construction. Harrity Tree Specialists, Inc. evaluated the site with the goal of preserving the highest quality trees that would benefit the forest for future preservation of a healthy canopy. The trees listed for removal all presented issues or characteristics that did not display practical long term viability to a vascularly healthy forest.

The site plan has been marked up to provide room for construction while still maintaining an assumed healthy root structure on nearby trees. All trees on the site plan nearest to the fence do not match the 1' of fence for 1" tree diameter rule. As a means to make up for the loss of protection by reduced fencing, Harrity has designated areas within the proposed construction zone to have additional ground covering in the form of plywood and woodchips. The wood chips, ideally produced from the removals on site shall be placed with a minimum of 6" depth and the plywood shall be placed on top. The purpose of this combination is to preserve the top soil and mitigate compaction during heavy ground disturbance and general foot traffic. The fencing shall be 6' metal chain link with 7' posts driven into the ground; panel fencing is not recommended due to the limited ability to stay upright for the duration of construction. The fence shall be installed to the site plan specification by referring to the forest side of the blue line as the true location of the fence. Fencing shall be marked every 20' with a sign denoting "Tree Protection Area: No unauthorized entry, storage of equipment, or relocation".

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PROVIDING
KNOWLEDGEABLE
CARE FOR TREES
IN THE URBAN
ENVIRONMENT

Along SW Lovhar the fencing only goes to the property line and the edge of a riparian area. Harrity believes that further entry into these areas would be an extreme act of negligence by site workers.

Harrity Tree Specialists, Inc. did not perform an exploratory dig prior to the recommendations given on this report for tree protection. Exploratory digging would likely produce misinformed judgements due to the heavy vegetation present on the site. As an alternative, there shall be an ISA Certified Arborist be on site for the site excavation. The arborist shall direct the excavator on site to make calculated soil cuts to mitigate root disturbance. Root pruning will have to be made on a case by case basis depending on the size, location and density of discovered roots. Harrity does not feel that it is practical to establish a rule for root pruning for the whole project due to the limitations it may bring. For instance, if a single 2.5" root was discovered 20' from a 20" tree it is likely that pruning is appropriate. However, if ten 2.5" roots were discovered 10' from a tree then tree preservation would likely need to be reconsidered. The anticipation of larger roots being discovered is moderately low, this judgement is made on the careful planning of home location in relation to undesirable trees. Harrity Tree Specialists, Inc. is confident in the existing tree protection design to maintain the forest surrounding the proposed construction.



Matt Sanchez
ISA Certified Arborist
Harrity Tree Specialists, Inc
8/23/23

