



Superior NW Enterprises

February 20, 2019

RE: Impact analysis for the #30 Douglas Fir

The latest plan set, dated 2/20/2019, shows the north end of the proposed house foundation situated such that it is 20' back from the base of the #30 tree. The plans show that there will be a set of pylons installed 2' north of the foundation wall. The dripline for the tree extends 20' so the new foundation work will impact the tree only in a narrow swath in the outer 10% of dripline radius.

Currently there is a path/landscaping element that come to within 10' of the south side of the tree, angling to 13' away as it moves to the west. The path is lined with stones and has a loose rock base. It is likely that this landscape feature has limited root extension to the south to some degree. This means that the foundation work impact should be less than expected to some degree.

There is an excavation cut 16' to the west of the tree where the demolition access road was established during the removal of the original house. The proposed plans show the new driveway will be 20' to the west of the #30 tree so no new impact will occur to that quadrant of the tree.

There is a proposed path leading from the main drive to the front door of the new house. The path will run between the #30 tree and the #31 tree. It will be designed as a floating, permeable structure and the layout will be hand set to minimize impact to either tree.

Because the proposed work will be occurring within the root zone for the #30 tree a Certified Arborist should be onsite to oversee the initial excavation. If any roots are contacted they should be cut cleanly rather than ripped out by the machinery.

No other regulated trees on the site appear to be affected by the proposed construction work. All of them have driplines which fall short of the impact zones.

Please feel free to contact me with any questions.

Anthony Moran
ISA Certified Arborist
Qualified Tree Risk Assessor
PN-5847A

13110 NE 177th Place #304 * Woodinville, WA 98072 * 206 930 5724

Anthony@SuperiorNW.com