



October 21, 2015

Wilson Company Contractors
P.O. Box 1489
Clackamas, Oregon 97015

RE: Addendum to tree protection and preservation report dated February 05, 2015.

This addendum is for the project address: 306 SW 7th St., Corvallis, Oregon. The reason for the addendum is to address alteration to the tree protection fencing and record extent of damage to one large root adjacent to the water meter within the tree protection zone on the SE corner of the property.

To assist in preventing future breaches of the tree protection fencing, 8 foot metal poles shall be driven 2 feet into the ground and placed no greater than 10 feet apart. A **continuous** 6-foot chain link fence fabric shall be installed and properly secured to the metal poles. There shall be **no** breaks in the fencing material to prevent pulling apart to access construction area from the protected tree zone.

Although a structural root was preserved during the excavation, a large portion of the bark was damaged. The wound is roughly 4 inches wide by 13 inches in length - photos are attached on the second page. The wound will likely compartmentalize around this damage. I have directed the contractor to carefully score and remove any remaining bark that has pulled away around the perimeter of the wound to assist the tree in healing around the entire area. After consulting with the city Urban Forester, it is recommended the excavated hole adjacent to the water meter be backfilled with volcanic rock. A coarse grade of pumice would be a good material for this purpose.

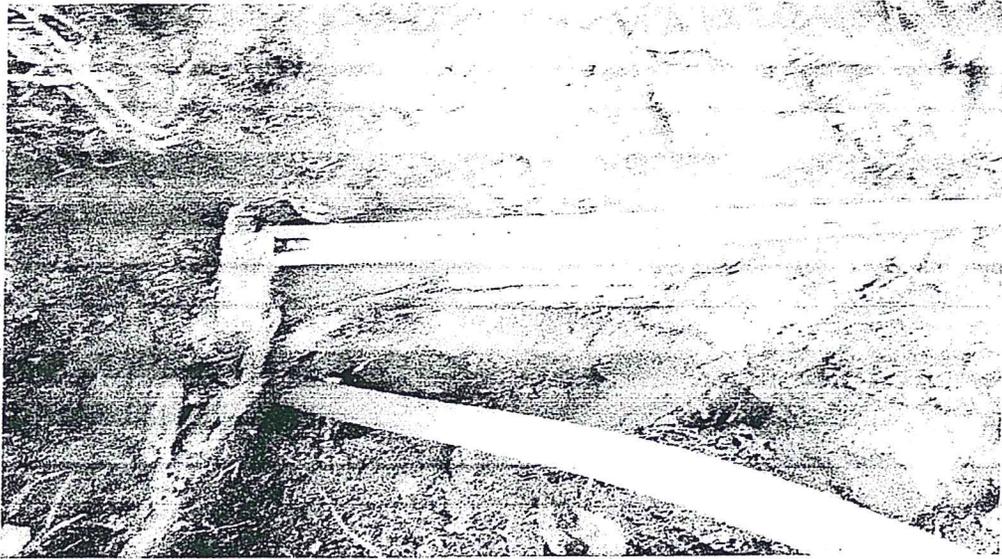
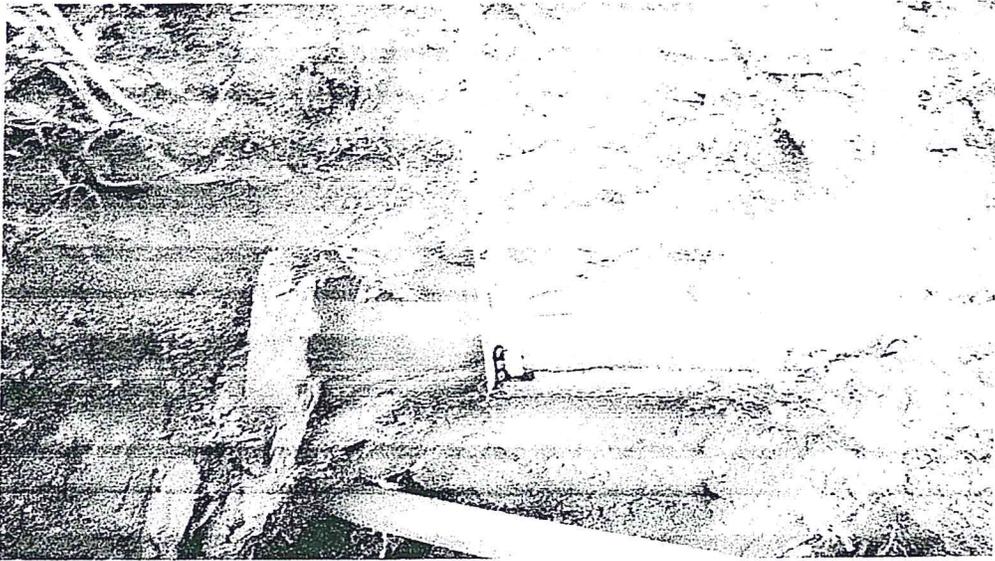
The tree protection zone is the critical area where **no** construction activity shall occur. If the tree protection fencing needs to be altered or **any** work needs to be performed in the protected area a certified arborist shall be contacted and onsite during this work.

Paul Jackson
ISA Certified Arborist #PN-7326A



Salem Office: 503-363-0991
Portland: 855-878-8733

PO Box 13127, Salem, OR 97309
PO Box 80805, Portland, OR 97280





BLD15-00326

October 14, 2015

Wilson Company Contractors
P.O. Box 1489
Clackamas, Oregon 97015

RE: Addendum to tree protection and preservation report dated February 05, 2015.

This addendum is for the project address: 306 SW 7th St., Corvallis, Oregon. The reason for the addendum is to address excavation for new water line within the tree protection zone on the SE corner of the property.

Examination of the site on October 7th revealed an alteration to the recommended tree protection fencing along SW 7th St. Mechanical excavation of a trench to facilitate the installation of a new water line extends from the tree protection fencing to the sidewalk. Soil was also excavated on the street side of sidewalk adjacent to the water meter. High pressure water was used to excavate soil below the roots of the street tree under the sidewalk to make possible the installation of the plumbing. One 2-3 inch root was severed near the water meter but a large structural root was preserved. There were also 2 or 3 additional significant roots severed on the property side of sidewalk in the tree protection area. I recommended making a clean cut on severed roots and the contractor has indicated this has been completed.

As an advocate for the trees, it would be unreasonable to suggest that cutting significant roots does not adversely affect trees. However, *Liriodendron tulipifera* is fairly tolerant of some root pruning and compaction. Therefore, this tree should be able to compensate for the loss of the roots associated with the excavation of the new water service line. Construction related activity around mature trees can have long term health effects. The tree protection zone is designed to lessen the construction impact to these trees. The tree protection plan suggested using a directional drill method to install plumbing under the tree roots. An alternative excavation method would consist of utilizing an air spade (our company offers this service). This method removes the soil with minimal impact to the tree roots. I highly recommend utilizing one of these methods in the future. The report also states that excavation should not occur within the tree protection area prior to consulting a certified arborist.

Paul R. Jackson
ISA Certified Arborist #PN-7326A

Salem Office: 503-363-0991
Portland: 855-878-8733

PO Box 13127, Salem, OR 97309
PO Box 80805, Portland, OR 97280