

SUF

SOUND URBAN FORESTRY, LLC

Appraisals ~ Site Planning ~ Urban Landscape Design and Management
Environmental Education ~ Risk Assessments

10/6/2022

City of Tumwater
Water Resources and Sustainability Department
Alyssa Jones Wood, Sustainability Coordinator
555 Israel Rd SW
Tumwater, WA 98501

RE: Proposed Heritage Tree – 420 D Street SW

Ms. Wood:

Upon the request of the City of Tumwater, I have conducted an assessment of a tree located at 420 D Street SW, as part of the City's Heritage Tree nomination process. I visited the site on September 14, 2022.

Findings

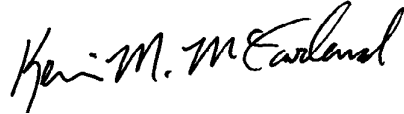
The identified tree is a Carpathian English Walnut (*Juglans regia* 'Carpathian'). It measures 19" DBH (diameter at breast height) with an approximate height of 42'. The overall health is good with no indications of disease, decay or significant structural issues. A past co-dominant stem failure occurred at 11' above grade but the area surrounding the point of failure appears solid with no associated decay and callus growth is normal.

There have been impacts within the southeast portion of the critical root zone by the increase of grade with sand and gravel (see photo). This has likely resulted in soil compaction as well.

Comments

Considering the small diameter of this tree, it is unlikely that it is the presumed age. However, it is probable that it is either a stump sprout or from the seed source of the original tree.

Professionally Submitted,

A handwritten signature in black ink, reading "Kevin M. McFarland". The signature is written in a cursive, flowing style.

Kevin M. McFarland, Principal
Consulting Forester, Contracted City of Tumwater Tree Protection Professional
ISA Certified Arborist PN-0373 & Tree Risk Assessment Qualified

Sound Urban Forestry, LLC
P.O. Box 489
Tahuya, WA 98588
360-870-2511

Location of Assessed Tree



Photo of Impacts within Critical Root Zone

