

SUF

SOUND URBAN FORESTRY

Appraisals, Planning, Urban Landscape Design and Management

State & Water Mixed Use

116 Water Street NW
Olympia, WA 98501

Level V Soil & Vegetation Plan

Prepared for: Thomas Architecture Studios
Michael Kershinsnik

Urban Olympia 9, LLC

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Consulting Forester/Certified Arborist

Date: 5/9/19

Introduction

The following report has been developed as part of the proposed State & Water multi-use project at 116 Water Street NW in Olympia, Washington. The purpose of this report is to fulfill the City of Olympia's urban forestry requirements as stated in a Pre-submission Conference Worksheet from Michelle Bentley dated March 7, 2019.

I. Project Narrative

The proposed project involves three tax parcels #78507300100 (.17-acres), #78507300301 (.18-acre) and #78507300400 (.17-acres) for a total of .52-acres. The site is currently occupied by a surface parking lot. Improvements will consist of a 54,175 square foot mixed use building to include commercial and multi-family housing. The entire site will be impacted.

Currently there is no vegetation within the parcels. There are five street trees located to the north of the property along State Ave. The applicant is proposing the removal and replacement of these street trees along with three to the east.

Aerial of Project Area



Street Trees Proposed for Removal and Replacement

ID#	Species	Diameter	Condition
1	Linden	9"	Poor
2	Linden	14"	Fair
3	Linden	13"	Fair
4	Pacific Sunset Maple	11"	Good
5	Pacific Sunset Maple	11"	Good
6	Pacific Sunset Maple	13"	Poor
7	Linden	8"	Fair
8	Linden	12"	Fair

II. Tree Density Calculations

Minimum tree density (.52-acres or 22,651 sf x 30 units per acre) = 16 Tree Units

Deficiency of trees to be retained on-site = 16 Units

It is my understanding that 8 tree units will be planted within the property and the remaining 8 units will be met by fee-in-lieu at \$380 per tree unit for a total of \$3,040 to be paid into the City Tree Fund.

III. Tree Protection Measures

As there are no trees or vegetation within the site or adjacent street trees to be retained, no protection measures will be necessary.

Professionally Submitted,

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

Kevin M. McFarland, Principal
ISA Certified Arborist PN-0373 & ISA Tree Risk Assessment Qualified
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