



Professional Forestry Services, Inc.

EXHIBIT 14

100 Ruby St. SE, Suite B
Tumwater, WA 98501

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March 18, 2020

Chris Aldrich
Hatton Godat Pantier
3910 Martin Way E, Suite B
Olympia, WA 98506

Re: Tree Plan for I-5 Commerce Place, City of Tumwater, Washington

Dear Mr. Aldrich:

As you authorized, Professional Forestry Services, Inc. has inspected the trees on the site where the proposed project is to take place. The following information should satisfy your requirement for a tree plan, as needed for submission before additional land-clearing.

1. LOCATION

All trees involved are on portions of parcels numbered 12716420000, 12716340100, 12716340102 and 12716340101, which total 40.26 acres, and are within portions of Section 16, T17N, R2W, W.M., Thurston County Washington.

2. TREES ON-SITE

The subject parcels were logged 2006 under a Forest Land Conversion (Class IV) Permit approved by Thurston County (TC #2005102899). The Conversion permit identified clearing limits which served to retain two contiguous strands of trees on the site in relation to mapped off-site wetland buffers and high ground water hazard areas. A Critical Area and Buffer Notice was recorded on the parcels (AF# 3796189 and AF# 3798544).

The project now within City of Tumwater limits proposes to clear all trees on the site with the exception of those that exist within proposed Tract "C".

The current inventory of trees on the site to be retained in the tree tract:

Douglas-fir	27
Lodgepole pine	56
Willow	10
Cherry	7
Black Cottonwood	1
Total Trees On-site	= 101

3. TREES OFF SITE

There are no offsite trees to be impacted by this proposal.

4. TREES TO BE RETAINED

As outlined in Chapter 16.08.070R of the Tumwater Tree Ordinance, at least twelve trees per acre, or 20% of the trees on the site whichever is greater shall be retained. If this number cannot be met by existing trees, a 5% tree tract is required. Tract C (3.69 acres) is considered open space.

Required Trees: $40.26 \text{ acres} \times 12/\text{acre} = 484 \text{ Trees}$

Trees to be Retained On-Site:

Tree Tract C = 101

Retained Trees = 101

Trees to be Mitigated: $484 - 101 = 383$

5. TREE TRACT REQUIREMENT

$40.26 \text{ acres} \times .05 = 2.01 \text{ acres}$ **Required**

Tree Tracts on proposed Development:

<u>Tract</u>	<u>Acres</u>	<u>Acres Forested</u>	<u>Net Acres for Restocking</u>
C	3.69	2.63	1.06

Stocking Rate: $954 \text{ required} \div 1.06 = 48 \text{ SF/Tree}$ or 6' x 8' spacing

6. PROTECTION OF TREES BEING RETAINED

In our opinion, the only requirement would be to stake and ribbon the boundary of Tree "Tract C".

7. ADDITIONAL TREES TO BE PLANTED

As currently planned, 1,149 additional trees (383 x 3) will need to be planted to meet the tree ordinance standards. Any trees to be planted on the individual lots and street trees will be addressed in the landscape plan, contracted by the developer. The additional trees will be planted on Tract A Storm Pond (55 trees), Tract B Storm Pond (53 trees) and 87 street trees.

This leaves 954 trees to be planted on the open area of Tract C. 2-2 transplants are encouraged, as they would more readily adapt to the site.


8. DEPARTMENT OF NATURAL RESOURCES PERMIT

Any additional clearing permits will need to be approved by City of Tumwater.

Once any land-clearing permit is approved by the City of Tumwater and **before additional land-clearing begins**, PFSI will meet on-site with the owner or owner's representative to make sure the boundaries of Tree Tract C are marked.

If further information is needed in regard to the trees on this site, please contact us.

Sincerely,



Michael D. Jackson, CF, ACF
Professional/Certified Forester #1244

Enclosure: Map Exhibit I

MDJ: dkd

