



Professional Forestry Services, Inc.

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Tumwater, WA 98501

Phone (360) 943-1470
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August 21, 2018

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

Re: Tree Plan for Barclift Subdivision, City of Tumwater, Washington

Dear Mr. Pantier:

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 land-clearing begins.

1. LOCATION

All trees involved are on portions of tax parcels 09090004000 and 09090005000, which total 26.52 acres, and are within portions of the NW¼ of Section 9, T17N, R2W, W.M., Thurston County Washington.

2. TREES ON-SITE

Approximately 35% of the area is covered with Bigleaf Maple, 18-38" DBH, Douglas-fir, 16-60" DBH, Redcedar, 16-46" DBH, and associated species of Grand-fir, Cottonwood and Lodgepole Pine.

An inventory of individual trees on this site was not done. The amount of fill required to develop this site will prevent retaining any trees currently growing on the property.

3. TREES OFF SITE

There will be no offsite trees 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. The following Tracts are considered Tree Tracts: C and D.

Required Trees: 26.52 acres less Public Roadway (6.33 acres) =20.19 acres.

$20.19 \times 12 = 243$ trees.

Trees to be Mitigated = 243

5. TREE TRACT REQUIREMENT

$20.19 \text{ acres} \times .05 = 1.01 \text{ acres}$ **Required**

Tree Tracts on proposed Development:

<u>Tract</u>	<u>Acres</u>
C	1.10
D	.31
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Total Tree Tracts =	1.41 acres Planned

6. PROTECTION OF TREES BEING RETAINED

No trees are planned for retention. No tree protection is needed.

7. TREES TO BE PLANTED FOR MITIGATION

As currently planned, 729 trees (243×3) 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 729 trees will be planted on tree tracts and around storm tracts.

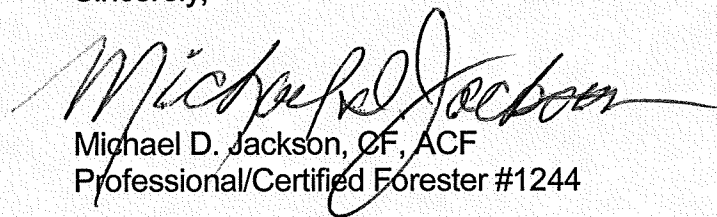
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8. DEPARTMENT OF NATURAL RESOURCES PERMIT

The DNR permit will not be required. All land clearing permits will need to be approved by City of Tumwater.

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

MDJ: dkd