



# Professional Forestry Services, Inc.

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

Phone (360) 943-1470

September 26, 2024

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

Re: Updated Tree Plan for Vista Views at Black Lake, City of Tumwater, WA

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 parcel 12832310800 and 12832310700, which total 54.36 acres, and are within portions of the SW $\frac{1}{4}$  of Section 32, T18N, R2W, W.M., Thurston County Washington.

## 2. TREES ON-SITE

Approximately 75% of the area is pastureland with some outbuildings. Most of the trees on the site are in Tract A-Open Space. There are approximately 18 Bigleaf Maples in Tract B that are planned for removal.

The current inventory of trees on the site are:

Red Alder	92	Willow	04
Oregon Ash	36	Dogwood	02
Black Cottonwood	01	Habitat Trees	
Bigleaf Maple	18	Dead Tops	15
Redcedar	41	Snags	19
Sitka Spruce	19	<u>TOTAL TREES:</u>	<u>247</u>

## 3. TREES OFF SITE

There are two offsite trees that could be impacted by this proposal (shown on map).

#### 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 Tree Protection Open Space is indicated on the map exhibit.

Required Trees: Gross Site Area = 54.36 acres x 12/acre = 653 Trees

Trees to be Retained On-Site:

Tree Tract/Open Space Tract A <24"	= 213 x 1 = 213
Tree Tract/Open Space Tract A 24" & greater	= 14 x 2 = 28
Tree Tract/Open Space Tract A Habitat Trees	
Live w/Dead Tops	= 15
Snags	<u>= 19</u>
<b>TOTAL TREES</b>	<b>= 275</b>

**Trees to be Mitigated: 653 – 275 = 378 Trees**

#### 5. PROTECTION OF TREES BEING RETAINED

In our opinion, a four-foot-high protection fence placed along the southern edge of the proposed buffer to Tract A would prevent any entry by equipment. Six-foot steel fence posts need to be placed at 6-8' intervals along the fence to keep the fence erect during land-clearing.

## **6. ADDITIONAL TREES TO BE PLANTED**

As currently planned, 378 additional trees 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 378 additional trees may also be planted on the open space tract. Since the site did not have 12 Trees/Acre to begin development, the replacement trees are to be replaced on a 1 to 1 basis.

## **7. LAND CLEARING PERMITS**

All land clearing permits will need to be approved by City of Tumwater.

Once the land-clearing permit is approved by the City of Tumwater and **before land-clearing begins**, PFSI will meet on-site with the owner or owner's representative to make sure there is ample protection along the buffer of Tract A.

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

