



November 17, 2016

City of Camas, Community Development Robert Maul, Planning Manager 616 NE 4th Avenue Camas, WA 98607

Re: Addendum to the Oregon White Oak Advance Mitigation Plan | Green Mountain Mixed Use PRD | Camas, Washington | City File No. SUB14-02

Dear Mr. Maul:

Ecological Land Services, Inc. (ELS) was contracted by CLB Washington Options Solutions, LLC to address impacts to an existing oak mitigation area in Stream A's buffer that were unforeseen at the time the *Oregon White Oak Advance Mitigation Plan for Green Mountain Mixed Use PRD (Mitigation Plan*; City File No. SUB14-02) was developed. The applicant proposes modifying and replacing the impacted area with an equivalent area elsewhere within Stream A's buffer, for no net loss of oak mitigation area.

The advance oak mitigation areas were installed in April 2016 within a portion of Stream A's buffer. Phase 2 of the PRD, which had not been designed when the advance oak mitigation plan was developed, consists of construction elements that impact a small section of the advance oak mitigation area. Specifically, a stream crossing for a road and pedestrian trail for Phase 2 of the PRD are proposed within the advance mitigation areas. The originally proposed road crossing was not a viable location due to an intersection spacing requirement at NE Boxwood and NE 28th/NE Goodwin to maximize spacing from the proposed road to the neighboring Green Mountain Estates development. The only practicable alternative was to move the intersection west, and cross the advance oak mitigation, then replace the plantings in the area originally designed for the road crossing. The *Mitigation Plan* allowed some flexibility if future development was constrained by the oak mitigation areas, as the legal mechanism to preserve the oak mitigation areas in perpetuity will not be recorded until adjacent areas have been developed. Given that flexibility, the applicant proposes modifying the *Mitigation Plan* and replacing the impacted oak mitigation area with an equivalent area elsewhere within the same buffer.

A total of 3,089 square feet of existing advance oak mitigation area along Stream A's buffer will be impacted by the proposed stream crossing for Phase 2. The impacted area will be replaced at a 1:1 ratio by transplanting plants within the impacted area, and replacing plants as needed, within a 3,089 square foot region on the eastern end of the existing advance oak mitigation, for no net loss of mitigation area (Table 1; Figure 5).

Table 1. Advance Oak Mitigation Area Impacts and Proposed Mitigation

Critical Area	Location	Impact Area (sq. ft.)	Mitigation			
			Туре	Ratio	Location	Area (sq. ft.)
Advance Oak Mitigation Area	Stream A Buffer	3,089	Replacement of Oak Establishment/ Enhancement Area	1:1	Stream A Buffer	3,089
					Total	3,089

The modified oak mitigation area's planting specifications, performance standards, maintenance, monitoring, and long-term protection will be as previously described in the *Oregon White Oak Advance Mitigation Plan.* The plants will only be transplanted while the plants are dormant, and will be installed immediately after removal from the ground. If any plants are not able to be transplanted within the new area in the northeast side of Wetland D's buffer, these plants will be replaced with the same species to make up any deficiencies in plant quantity. Common situations that may lead to replacing plants include:

- Damage to the roots while removing the plant,
- damage during transport,
- the plant is dead, or
- the plant is not robust enough to survive transplanting.

If you have any questions or concerns regarding the addendum to the advance oak mitigation plan, please feel free to contact Mara McGrath at mara@eco-land.com, or Lacey Hoffmann at lacey@eco-land.com, or at (360) 578-1371.

Sincerely,

Mara MEGrath

Mara McGrath, PWS Senior Ecologist

Lacey Hoffmann Biologist

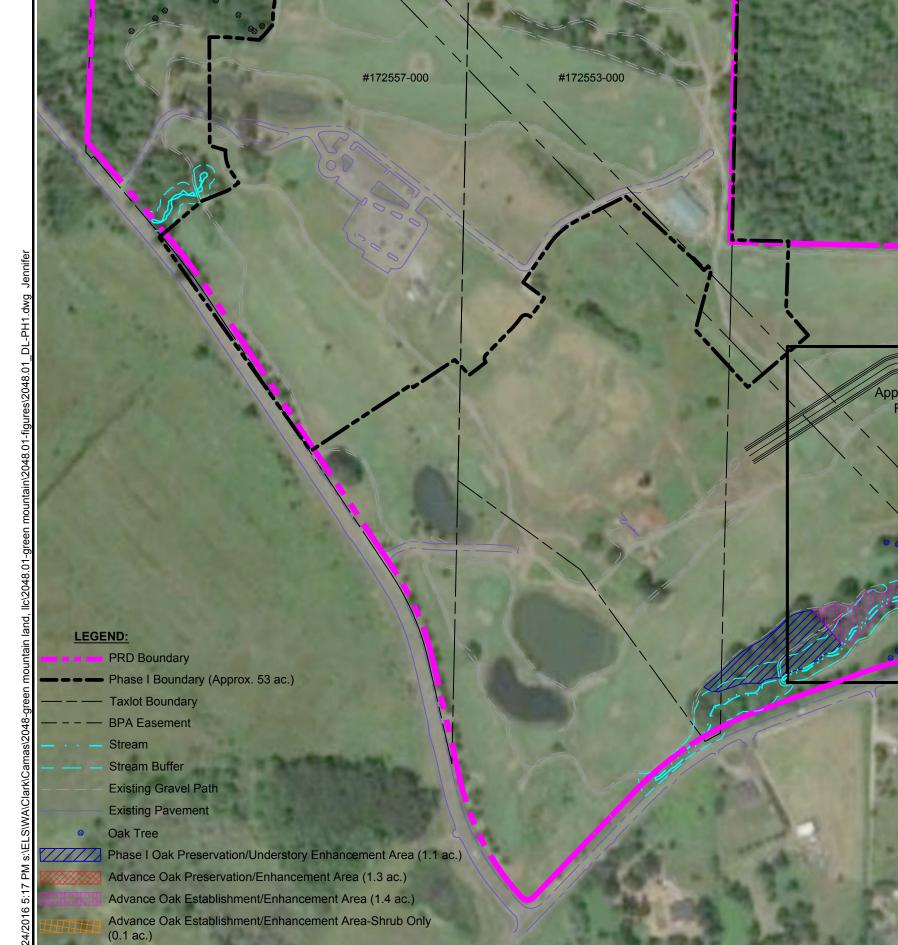
Attachments:

- Figure 1 Site Map
- Figure 2 Advance Oak Mitigation Details
- Figure 3 Cross Section A
- Figure 4 Cross Sections B & C
- Figure 5 Advance Oak Mitigation Area

Cc: Ralph Emerson, CLB Washington Options Solutions, LLC John Schmidt, Metropolitan Land Group, LLC

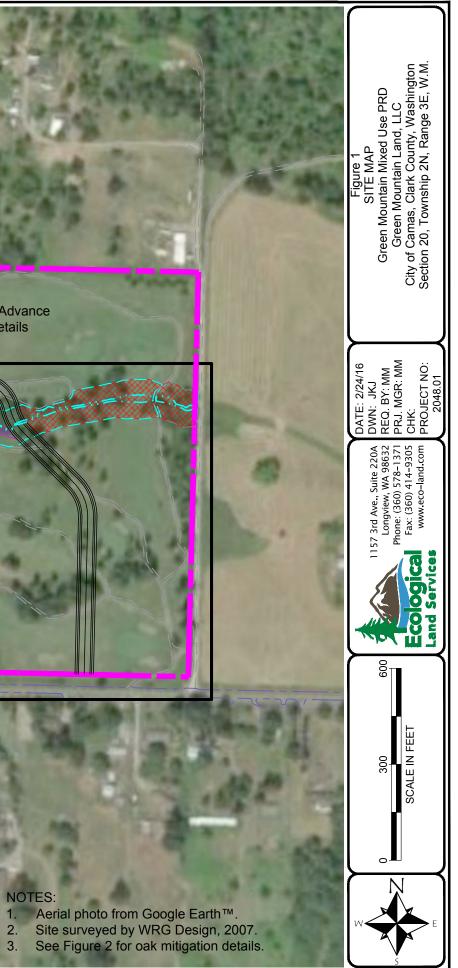
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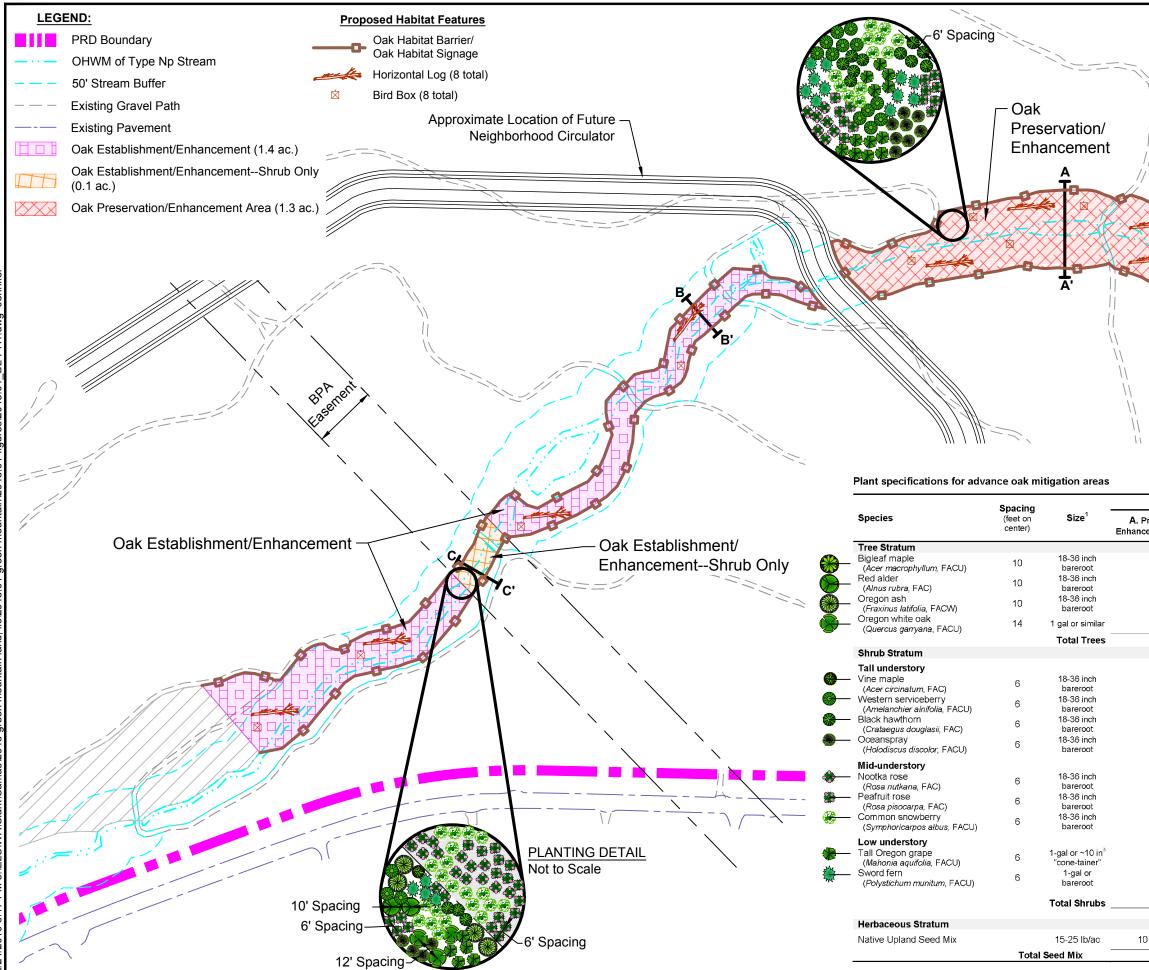
- Figure 1 Figure 2 Site Map
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- Figure 4 Cross Sections B & C
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Approximate Location of Future Neighborhood Circulator

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Preservation/ ce. Area (1.3 ac)	Quantity B. Establishment/ Enhance. Area (1.4 ac)	C. Shrub-Only Establishment/Enhance.	1157 3rd Ave., Suite 220A Longview, WA 98632 Phone: (360) 578-1371 Fax: (360) 414-9305 www.eco-land.com
			uite 220A VA 98632 578-1371 114-9305 land.com
			DATE: 2/24/16 DWN: JKJ REQ. BY: MM PRJ. MGR: MM CHK: PROJECT NO: 2048.01
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			Figure 2 ADVANCE OAK MITIGATION DETAILS Green Mountain Mixed Use PRD Green Mountain Land, LLC City of Camas, Clark County, Washington Section 20, Township 2N, Range 3E, W.M.

