

CASCADE SURVEYING & ENGINEERING, INC.

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SURVEYORS
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PLANNERS

September 9, 2021

City of Arlington
18204 59th Ave NE
Arlington WA, 98223

Subject: Drainage Memo: Arlington Motor Inn
Permit No.: PWD #2240

This project is to correct a grading violation which occurred on-site in a flood plain. The grading violation was due to excavation of a hole in the southern portion of the parcel and filling the northern parcel. The site is defined by tax parcel #31050800301800 and 31050800302000. The following is a summary of the existing drainage, proposed drainage, existing surface cover and outlines the erosion and sediment control plan.

The existing flow path drains to the center of the southern parcel where a low point is located onsite. This low point drains west leaving the property and connecting to the existing drainage ditch along the east side of I-5. The proposed drainage path will be maintained by directing all surface runoff to the existing lot point. Once the flow enters the existing I-5 drainage ditch flow travels south where it is discharged into a tributary of Portage Creek.

Prior to the violation, the site cover included approximately compacted dirt/gravel parking area in the north parcel. Of the remainder of the site, approximately half of the existing cover was blackberry brush and the other half native pasture grass. After regrading of the property, the area will be reseeded with a native grass seed mix to return it to its existing native condition.

Erosion and sediment laden waters will be controlled with a temporary silt fence along the western side of the site which will remain in place until vegetation on the site has been reestablished and the soils stabilize. Water testing will be conducted to test the quality of water leaving the site as required for the NPDES Permit.

Sincerely,

Matt Bergman, E.I.T.