CRITICAL AREAS REPORT & MITIGATION PLAN

King County Tax Parcel 935330-0870 King County, Washington

Andrey Kozak, King County, Washington

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Report To: Andrey Kozak

Report Title: Critical Areas Report & Mitigation Plan

King County, Washington

Project Number: EE-475

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1. Introduction

1.1 Report Purpose

Eastside Environmental Pros, Inc. was contracted by Andrey Kozak (the "applicant") to conduct a critical area (*i.e.*, wetland and stream) evaluation for the property located along 155th Avenue SE (King County Tax Parcel 935330-0870), hereafter referred to as "Project Site" or "Site". The applicant proposes to construct a single-family residence and associated driveway onsite. As part of this assessment, we evaluated critical areas (*i.e.* wetlands and streams) within 250 feet of the Site work area limits. The area within 250 feet of the Site is referred to as the "Study Area".

This report has been prepared to comply with the requirements of King County Zoning Code (KCC) Title §21A.24.110 – *Critical Area Report Requirements*, KCC §21A.24.130 – *Mitigation and Monitoring*, and KCC §21A.24.070 - *Alteration Exception*.

1.2 Limitations

This report and the information provided herein was prepared per the guidance of the best available science and technical guidance documents available during the time of report preparation. The findings, discussions, and conclusions made in this report are based on the best professional judgement of the author(s) and field technicians available during the Site evaluation. All project work was limited by the scope, budget, and timing requirements of the project. The findings and conclusions provided in this report are subject to confirmation by applicable Local, State, and Federal agencies, depending on the scope of the project. No other warranty, expressed or implied, is made.

2. General Property Description and Land Use

2.1 Project Location

The Site is a single King County tax parcel (Tax Parcel 935330-0870) located along 155th Avenue SE, in unincorporated King County (**Figure 1**). The Site is located within the southwest quarter of Section 11, Township 23 North, Range 05 East, of the Willamette Meridian of the Public Land Survey System.

2.2 General Property Description

The Site is an entirely undeveloped, forested property. The Site is bordered to the north by single family residences, to the east by and to the south by 155th Avenue Southeast, to the south by another undeveloped forested parcel, and to the west by a drainage easement.

Vegetation

Vegetation within the Site is comprised of a dense forest stratum with relatively dense underlying shrub and herbaceous strata. Species onsite included Scouler's willow (Salix scouleriana), black cottonwood (Populus balsamifera), Himalayan blackberry (Rubus bifrons), cut-leaf blackberry (Rubus laciniatus), peafruit rose (Rosa pisocarpa), hardhack (Spiraea douglasii), beaked hazelnut

(*Corylus cornuta*), osoberry (*Oemleria cerasiformis*), English ivy (*Hedera helix*), sword fern (*Polystichum munitum*), and slough sedge (*Carex obnupta*).

Topography

Topography onsite is relatively flat with a slight slope down towards the west. The lowest elevation point is located along the western Site boundary at approximately 516 feet and the highest elevation along the eastern Site boundary at 521 feet.

Weather Conditions

Climatic condition ranges were determined using the methodology described by Sprecher and Warne (2000) through the Army Corps of Engineers (Corps) Antecedent Precipitation Tool (APT). Two Site visits were required for the wetland determination and delineation. One was conducted on 14 May 2024 and the Site evaluation on 19 March 2025. APT determined that <u>drier than normal</u> climatic conditions were present during the 14 May 2024 and 19 March 2025 Site evaluations (**Appendix A**).

3. Methodology

3.1 Field Investigation Procedures

3.1.1 Routine Methodology

Two Site visits were required for the wetland delineation. The first delineation was conducted on 14 May 2024, and the second delineation was completed 19 March 2025. Wetland delineations utilized the routine approach described in the *Corps of Engineers Wetland Delineation Manual* (Corps 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region* (U.S. Army Corps of Engineers, 2010) (referred to as "Corps Manual"). Wetlands were classified according to KCC §21A.24.318 and their buffers established per KCC §21A.24.325.

Plant species were identified according to the taxonomy of *Flora of the Pacific Northwest* (Hitchcock and Cronquist 2018). Taxonomic nomenclature and facultative statuses have been updated according to the U.S. Army Corps of Engineers *National Wetland Plant List* (2022) and used as references. Wetland classes were determined per the *Classification of Wetlands and Deepwater Habitats of the United States* (FGDC, 2013). Hydrophytic vegetation was determined using the standard procedures described in the Army Corps of Engineers (Corps) Regional Supplement, which requires use of the dominance test, except when positive indicators of wetland hydrology and hydric soils are met, in which case the prevalence index or alternative indicators of hydrophytic vegetation may also be required.

Wetland hydrology was determined based on the presence of hydrologic indicators listed in the Army Corps of Engineers (Corps) regional supplement. Hydrology indicators include both Primary Indicators and Secondary Indicators. To meet the definition of wetland hydrology, one Primary Indicator or two Secondary Indicators must be observed. Examples of wetland

hydrology indicators include but are not limited to: drainage patterns drift lines, sediment deposition, watermarks, stream gauge data and flood predictions, historic records, visual observation of saturated soils, and visual observation of inundation.

Soil test pits were excavated to a depth of at least 20 inches below the soil surface to categorize and describe soil and hydrologic conditions within the Study Area. Soils on the Site were considered hydric if one or more of the hydric soil indicators listed in the Corps Regional Supplement were present. Examples of hydric soil indicators include: presence of organic soils, reduced matrix, depleted or gleyed soils, or, redoximorphic features in association with a reduced soil matrix. Soil colors were determined using the Munsell Soil Color Charts (Munsell Color 2009).

Appendix B contains wetland determination datasheets prepared by Eastside Environmental Pros for representative locations within the Study Area. These datasheets document vegetation, soils, and hydrology characteristics. **Appendix C** contains the report prepared by MacWhinney Environmental Consulting LLC which was used to categorize wetland(s) within the Study Area.

4. Results

4.1 Analysis of Existing Site Conditions

The initial Site visit, conducted on 14 May 2024, was performed in drier than normal conditions resulting in a lack of sufficient wetland hydrology indicators. Additionally, some in-wetland areas feature hummocks which shifted hydric soil indicators downward in the soil profile, resulting in a false negative hydric soil indicator determination for Sample Point 1 (SP-1) which can be seen in **Appendix B**. However, a King County Permitting Division ecologist identified hydric soils and a high water table during a verification Site visit, conducted on 28 February 2025. This visit resulted in King County's request for a revised wetland report, as stated in an Ecological Review Comment Letter (DWEL24-0310).

Consequently, EEP staff completed a second Site visit on 19 March 2025 to assess wetland conditions. During the Site visit, one (1) wetland (Wetland A) was identified onsite (**Figure 1**). Additionally, one unregulated ditch feature was identified offsite to the east. **No other critical areas were identified in the Study Area.** This feature is summarized below in **Table 1**.

Table 1. Critical Areas Summary Table.

Critical Area	Category/Type	HGM/Cowardin Class	Standard Buffer*
Wetland A (5,256-sf, 0.12-acres)	Category III/ Habitat Score 3	Depressional / PFO	80 feet

^{*}Wetland buffers also require a standard 15-foot building setback measured from the edge of the buffer per KCC \$21A.24.200.

4.1.1 Wetland A

Wetland A is a 5,256-sf wetland located in the southern portion of the Site and continues offsite to the south (**Photo 1**). This wetland has a depressional hydrogeomorphic classification (Brinson, 1993) and palustrine forested Cowardin classification (Cowardin *et al.* 1979).



Photo 1. Photo of Wetland A facing to the south.

Vegetation within Wetland A includes black cottonwood (*Populus trichocarpa*), red alder (*Alnus rubra*), cluster rose (*Rosa pisocarpa*), cutleaf blackberry (*Rubus laciniatus*), English hawthorn (*Crataegus monogyna*), Himalayan blackberry (*Rubus bifrons*), English holly (*Ilex aquifolium*), salmonberry (*Rubus spectabilis*), hardhack (*Spiraea douglasii*), English ivy (*Hedera helix*), and slough sedge (*Carex obnupta*).

Soils within Wetland A are characterized by a black (7.5YR 2/1) sandy loam surface layer from 0-17 inches, underlain by a brown (10YR 4/2) sandy loam with prominent dark yellowish brown (10YR 4/4) redoximorphic concentrations from 17-20+ inches below the surface. These characteristics meet the criteria for the *Thick Dark Surface* (A12) Hydric Soil Indicator. Hydrology within Wetland A is supported by groundwater and precipitation. Hydrologic indicators observed during the Site visit include *High Water Table* (A2) and *Saturation* (A3).

A Wetland Report was prepared for the southern adjacent property which contains the majority of Wetland A. This report was prepared by MacWhinney Environmental Consulting LLC which scored Wetland A as a Category III wetland with 3 habitat points (**Appendix C**). In King County,

Category III wetlands with 3 habitat points in R4 zoning require standard **80-foot buffers**. Wetland buffers also require a standard **15-foot building setback** measured from the edge of the buffer per KCC §21A.24.200.

4.1.2 Unregulated Ditch

One mapped surface water feature, identified as a ditch, is located west of the subject property and outside of City jurisdiction. This ditch is shown on the City of Renton GIS hydrology layer as a surface water ditch (**Photo 2**). Review of the King County parcel data, historic plat maps, and site observations indicates that this feature was constructed as part of a **drainage easement** designed to convey stormwater runoff from surrounding upland areas. The feature does not correspond to a mapped stream channel, and the surrounding area has historically been upland.

Per KCC §21A.06.072C, above-ground open water conveyance systems, such as ditches, are unregulated unless "any portion of the contributing water is from either a wetland or a nonwetland water feature listed in subsection A.1. or A.2." Likewise, KCC §21A.06.1391 specifies that "Wetlands do not include those artificially created wetlands intentionally created from nonwetlands sites, including, but not limited to: Surface water conveyances for drainage or irrigation, [or] Grass-lined swales."

These definitions establish that artificial drainage features are not regulated as streams or wetlands unless they receive hydrology from an existing regulated resource. The **direction of hydrologic influence** is therefore a critical factor in classification.

A previous Critical Areas Designation (CAD) completed north of the Site identified a wetland feature in proximity to this drainage ditch, raising the question of whether the **wetland is contributing flow to the ditch** or whether **the ditch itself is creating wetland conditions**. A review of historic aerial imagery (**Photos 3 & 4**), Site topography, and two separate recorded plat maps (**Appendix E**) indicates that the ditch was constructed in uplands and historically did not receive hydrology from any mapped or observed wetland or stream source. Over time, deferred maintenance of the ditch—such as lack of vegetation removal or sediment management—has likely resulted in **standing water and ponding** within the easement. This, in turn, has created **localized hydric conditions** and colonization by wetland indicator vegetation.

When wetland conditions arise **because of** a drainage feature—rather than pre-existing wetlands contributing flow to it—the ditch remains classified as an **artificial surface water conveyance**, not a regulated stream or aquatic area. This interpretation aligns with King County's critical areas definitions, WAC 173-22-030, and federal guidance under 33 CFR §328.3, which excludes ditches constructed wholly in uplands and not receiving perennial or intermittent flow from regulated waters from jurisdiction.

Supporting context is provided by two recorded plat maps, which depict the feature as a **dedicated drainage easement**, intended to be maintained to convey stormwater. The presence of wetland vegetation within or adjacent to the easement appears to be the result of **maintenance deficiencies**, not a natural stream or wetland system. This is consistent with similar determinations made by King County Water and Land Resources Division and Washington State Department of Ecology in which wetland-like conditions resulting from altered drainage were not regulated as wetlands or streams.

Lastly, a drainage easement has been established "for the purpose of, reconstructing, repairing, replacing, operating and maintaining storm drainage facilities, lines and manholes, with the right of ingress and egress thereto without prior institution of any suit or proceedings of law and without incurring any legal obligation or liability therefor" on the tract adjacent to and westward of the subject property. This western tract has an established recording number of 20170627000337 which has been included at the end of this report (**Appendix F**). This tract has been approved as a drainage easement, and its document is attached in **Appendix F**. This document outlines that King County Tax Parcel 112305-9004, a property to the south of the Site, allows the Grantee to construct additional facilities and fences within this tract as required. This easement is also subject to general maintenance activities and is outlined further in **Appendix F**.

Based on the available evidence, the feature west of the Site does not meet the criteria of a regulated aquatic area under King County Code. The **hydrologic origin is artificial**, and the observed wetland indicators are a function of drainage conditions rather than an existing natural resource. Therefore, no regulated stream or aquatic area is present within or directly adjacent to the Site.

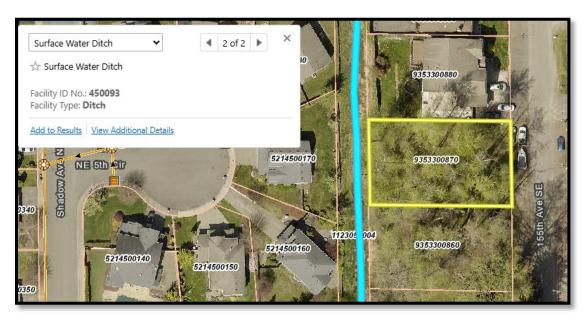


Photo 2. Photo of the unregulated ditch feature just to the west of the property. Aerial imagery sourced from the City of Renton's Maps.

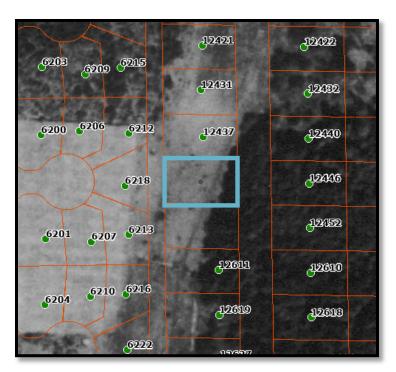


Photo 3. The Site is outlined in blue. This photo depicts aerial imagery before the plats were established, no stream areas are located to the west of the Site and within these utility easement areas (iMap, 1936).

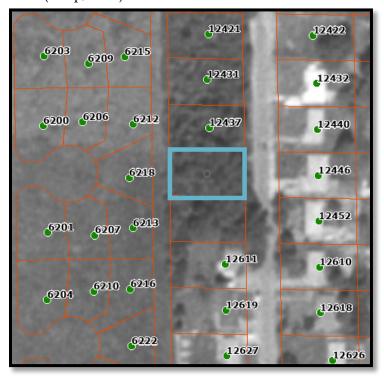


Photo 4. The Site is outlined in blue. This photo depicts aerial imagery after the Site's plat establishment, where a narrow, constructed ditch now runs along the western boundary of the plat (iMap, 1998).

5. Proposed Project

The applicant proposes to construct a single-family residence and driveway within the northeastern portion of the Site. The project has been situated as far as possible from Wetland A (5 feet and 6 inches northward); however, due to the parcel size and wetland location, the Site is almost entirely encumbered by wetland or wetland buffer with the exception of a small square footage within the northeastern corner of the Site. To accommodate the proposed single-family residence, 4,945 sf of wetland buffer impact are required, and one (1) snag requires removal as it is situated within the single-family residence footprint. This project has been designed to adhere to the development standards listed within KCC §21A.24.070 – *Alteration Exception* which are outlined in further detail within **Section 7.1** of this report.

6. Biological Assessment

6.1 PHS and King County Species of Local Importance

The Biological Assessment on 19 March 2025 involved a combination of direct observation, habitat suitability analysis, and review of existing databases and records. The Site was thoroughly evaluated for the presence or indicators of priority habitats and species (PHS), threatened and endangered species, and King County species of local importance. Priority species are those identified for conservation due to their vulnerability, rarity, or crucial role in ecosystems. This evaluation aims to ensure compliance with local, state, and federal regulations to inform King County of appropriate conservation and mitigation measures. The species determined to potentially be present considering onsite habitat are listed in **Table 2**.

6.2 Results

The Site and surrounding Study Area do not contain old-growth or mature forests, large bodies of open water or rivers, mountainous or cliff areas, caves, or burned trees. Additionally, PHS does not record any priority habitats or species at the township level (**Appendix G**). Onsite areas were evaluated to determine if any features were present that could provide suitable habitat for the listed species in **Table 2**. During the evaluation, four (4) snags, each with approximately 3 inch-diameter nesting cavities were identified and mapped onsite. No other observations or trace evidence of the listed species were identified during the Site evaluation. Additionally, PHS on the Web does not identify any protected species at the township level for the Study Area (**Appendix G**). Examples of trace evidence that were not present include pellets, feathers, vocalizations, nests, droppings, guano, whitewash, prey remains, eggshells, or drill holes. Additionally, no rare plants or invertebrates of local importance were identified onsite.

The Biological Assessment confirmed that the Site does contain potential habitat for the hairy and pileated woodpeckers due to the presence of the four snags. No individuals or evidence of these species were observed during the 19 March 2025 Site evaluation. To retain the maximum amount of ecological functions, only one snag will be removed from the Site (**Figure 2**). The project has been designed in accordance with best management practices (BMPs) listed in KCC 21A.24.325.C.6. The project has been designed to adhere to best management practices (BMPs) (see **Section 8.3**) for conserving the remaining snags and for protecting the remaining habitat functions the Site has to offer to onsite maintain biodiversity and ecological health.

Table 2. Potential Habitats, Species, and King County Species of Local Importance

Priority Habitats, Species, and KC Species of Local Importance	Habitat
Northern Spotted Owl (Strix occidentalis)	Requires old-growth forests with complex canopy structures.
Bald Eagle (Haliaeetus leucocephalus)	Prefers large bodies of open water with abundant fish and large trees for nesting.
Golden Eagle (Aquila chrysaetos)	Inhabits open and semi-open habitats in mountainous areas.
Peregrine Falcon (Falco peregrinus)	Prefers open landscapes with cliffs for nesting and abundant prey.
Western Screech-Owl (Megascops kennicottii)	Utilizes mixed woodlands, especially near water.
Band-tailed Pigeon (<i>Patagioenas</i> fasciata)	Requires coniferous or mixed woodlands, often near water sources.
Red-eyed Vireo (Vireo olivaceus)	Prefers deciduous forests with dense understories.
Purple Martin (Progne subis)	Needs open areas near water with suitable cavities for nesting.
Yellow-billed Cuckoo (Coccyzus americanus)	Relies on large tracts of riparian woodlands.
Black-backed Woodpecker (Picoides arcticus)	Prefers recently burned forests with standing dead trees.
Hairy Woodpecker (Leuconotopicus villosus)	Inhabits mature forests with a mix of deciduous and coniferous trees.
Pileated Woodpecker (<i>Dryocopus</i> pileatus)	Requires large tracts of mature forest with deadwood.
Townsend's Big-eared Bat (Corynorhinus townsendii)	Utilizes caves, mines, and old buildings for roosting.
Myotis Bats (Myotis spp.)	These species require specific roosting habitats such as trees, buildings, or caves.

7. Regulatory Review

7.1 Criteria for Critical Area Alteration Exception Approval

The proposed project has been prepared to meet the requirements of KCC §21A.24.070.A: *Alteration Exception.* The requirements of this code section are listed below in *italicized* text and a response as to how this project meets each requirement follows in regular text:

1. For nonlinear alterations the director may approve alterations to critical areas except wetlands, unless otherwise allowed under subsection A.3.h. of this section, aquatic areas and wildlife habitat conservation areas, and alterations to critical area buffers and critical area setbacks, when all of the following criteria are met.

a. there is no feasible alternative to the development proposal with less adverse impact on the critical area;

Wetland A and its associated buffer encumber almost the entirety of the Site, leaving only a small portion of unencumbered area in the northeastern corner. Without this alteration exception, the Site would be unbuildable. The project has been designed to accommodate the owners family and has been reduced to the smallest footprint practical to accommodate that purpose.

b. the alteration is the minimum necessary to accommodate the development proposal;

The proposed project has been located as far to the northeast of the Site as possible to limit any unnecessary impacts from the structure and driveway. A

c. the approval does not require the modification of a critical area development standard established by this chapter;

The proposed project complies with all applicable critical area development standards established by this chapter. No modification, variance, or reduction of these standards is required for project approval.

d. the development proposal does not pose an unreasonable threat to the public health, safety or welfare on or off the development proposal site and is consistent with the general purposes of this chapter and the public interest;

The proposed development is a single-family residence that does not pose any activities that would threaten public health, safety or welfare on or off the development Site. The proposed development has been planned to ensure the safety and well-being of the public, both on and offsite.

e. for dwelling units, no more than five thousand square feet or ten percent of the site, whichever is greater, may be disturbed by structures, building setbacks or other land alteration, including grading, utility installations and landscaping, but not including the area used for a driveway or for an on-site sewage disposal system. When the site disturbance is within a critical area buffer, the building setback line shall be measured from the building footprint to the edge of the approved site disturbance;

The proposed development, not including driveway areas, total 4,945 sf and is below the 5,000-sf threshold.

f. to the maximum extent practical, access is located to have the least adverse impact on the critical area and critical area buffer;

The proposed driveway has been designed to be as short as practicable, while adhering to frontand side yard setbacks. The proposed residence has been situated as far away as feasible from Wetland A to limit adverse impacts to the critical area and its associated buffer. The closest extent to the wetland is 5 feet and 6 inches and requires minor modifications to typical building setback allowances which is outlined further in **Section 7.2**. Critical areas fencing and signage are proposed to be installed at the clearing limits to define the project area and deter any future human encroachment or pet disturbances.

g. The critical area is not used as a salmonid spawning area; and

No streams are associated with the Site or are located within its Study Area; therefore, salmonid spawning areas are not possible and will not be affected.

h. The director may approve an alteration in a category II, III, and IV wetland for development of a public-school facility; and

This proposed development is not a public-school facility; therefore, this subsection does not apply.

7.2 Alterations to Critical Areas Setbacks

As part of the above described project, the proposed development is allowed to reduce the typical 15-foot building setback in order to develop the property should it meet the following requirements. The requirements of KCC §21A.24.070.B are listed below in *italicized* text and a response as to how this project meets each requirement follows in regular text:

a. there is no other reasonable use with less adverse impact on the critical area;

By reducing the critical areas building setback, the proposed development avoids impacting Wetland A directly, which would cause more adverse impacts to the critical area.

b. development proposal does not pose an unreasonable threat to the public health, safety or welfare on or off the development proposal site and is consistent with the general purposes of this chapter and the public interest;

This development proposal is similar to adjacent land uses and developments and poses no threat to the public health, safety or welfare on- or off-site.

c. any authorized alteration to the critical area or critical area buffer is the minimum necessary to allow for reasonable use of the property; and

The development has been pushed as far as possible to the north and is the minimum necessary width to accommodate reasonable use of the property.

d. for dwelling units, no more than five thousand square feet or ten percent of the site, whichever is greater, may be disturbed by structures, building setbacks or other land alteration, including grading, utility installations and landscaping but not including the area used for a driveway or for an on-site sewage disposal system; and

All onsite developments will occupy 4,945 sf which is underneath the 5,000-sf threshold, thereby meeting this criterion.

8. Critical Area Impacts and Mitigation

Reasonable efforts have been made by the applicant to minimize impacts to critical area buffers onsite with the design and location of the development. The resulting Site Plan consists of a reasonably-sized home that will require some critical area buffer impacts, as nearly the entire Site is located within wetland or wetland buffer areas.

8.1 Alternatives Analysis

The Site was evaluated for alternative development locations following a thorough critical areas assessment. The proposed development has been strategically angled to push the proposed residence as far north as property-line setbacks will allow. Driveway areas and lengths have been redesigned to be as short as possible to minimize the overall project's footprint. Placing the residence in the northern and north-eastern portions of the Site facilitates access from the existing public roadway and reduces the need for additional impervious surfaces. Complete avoidance of critical areas and buffer impacts is not possible, as over 90 percent of the Site is encumbered with relatively native vegetation. The size of the property does not allow for sufficient area for enhancement, and therefore, offsite mitigation is proposed as compensation for this project. Overall, the applicant has made reasonable efforts to avoid and minimize impacts to critical areas and their buffers by shifting the proposed development north and east to reduce buffer encroachment, installing critical area fencing and signage to deter human intrusion while maintaining wildlife passage, and reducing the standard critical area building setback to 5 feet 6

inches to avoid direct impacts to wetland areas. The resulting Site Plan consists of a reasonably sized home that allows for practical use of the property per zoning allowances (**Figure 2**).

8.2 Proposed Critical Areas Impacts

Although all direct wetland impacts have been avoided, the proposed single-family residence, driveway, and cleared areas for house maintenance totals 4,945 sf of total indirect wetland buffer impacts. Due to insufficient space for onsite mitigation, a total of 4,945 sf of indirect wetland buffer credits will be purchased through King County's In-Lieu Fee (ILF) Program to compensate for the proposed wetland buffer impacts.

Functions and Values Impacted

The proposed development will result in 4,945 sf of indirect wetland buffer impacts from clearing, grading, and onsite developments. As part of the development, one snag requires removal as it is within the house footprint, all other identified onsite snags will remain and be preserved. This will maintain to the best extent practicable any potential habitat for songbirds that may rely on these features for perching or nesting. This proposed development may impact hydrologic functions and habitat by removing buffer vegetation which may reduce the Site's capacity to filter sediments and nutrients, provide shade, and decrease some foraging opportunities for local small mammals and songbirds. In order to minimize impacts the project proposes to implement relevant best management practices (BMPs), install of critical areas fencing and signage to preserve the remaining buffer areas and prevent human encroachment, as well as preserve all other remaining onsite snags.

The Site has limited opportunity for onsite mitigation through vegetation enhancement due to its relatively intact condition. In addition, the small size of the property does not provide sufficient area to adequately compensate for the proposed project's impacts. Therefore, off-site mitigation credit purchase through the King County's ILF Program is proposed to provide appropriate compensation for functional losses that cannot be addressed onsite.

8.3 Proposed Mitigation

Due to the property's limited size and the location, size, and configuration of Wetland A and its buffer, there is insufficient space to provide onsite mitigation. Prior to development, a double layer of silt fencing will be installed along the clearing and grading limits. Afterward, flexible high-visibility construction fencing will be placed along the exterior edge of the silt fencing limits. Once clearing and grading activities are complete, the high-visibility construction fencing will be removed and critical area fencing and signage will be installed in its place to deter any potential encroachment during construction activities of the proposed single-family residence and to clearly demark the boundary of allowed disturbance limits. The project proposes to mitigate buffer impacts with the purchase of offsite mitigation bank credits. Credits will be purchased through the King County's ILF Program. A total of 4,945 sf of mitigation credits will be purchased prior to Site development. Each of these elements are outlined below in further detail.

Best Management Practices

To minimize impacts from the proposed development, best management practices (BMPs) must be implemented in accordance with KCC §21A.24.325.C.6.b. **Table 3** outlines the relevant BMPs that will reduce onsite disturbance to the remaining critical areas, identifying potential sources of disturbance and the corresponding minimization measures proposed for this project. These BMPs include erosion and sediment control measures, protection of vegetation to remain, proper material storage, and pollution prevention strategies. Implementation of these measures will help maintain water quality, stabilize soils, and preserve the functional integrity of nearby wetlands and buffers throughout all phases of construction.

Table 3. Best Management Practices to Minimize Impact Disturbances

Disturbance	Measures to minimize impacts
Lights	Direct lights away from wetland using cone shielded lights directed away from the wetland.
Noise	The Site is thickly vegetated, and critical areas fencing will be installed to reduce potentially disruptive noise from residential activities. The driveway will be situated as far to the north as possible to limit any noise that could carry to the wetland.
Toxic runoff	All new untreated runoff will be directed away from wetland while ensuring wetland is not dewatered.
Stormwater runoff	Stormwater management will be retrofitted to be directed away from Wetland A. This project will implement low impact intensity development techniques identified in the King County Surface Water Design Manual.
Change in water regime	All runoff from new impervious surfaces and lawn will be directed away from Wetland A without dewatering, maintaining its existing hydrologic regimes.
Pets and human disturbance	Critical areas fencing and signage will be installed along the post-construction buffer while preserving existing snags to discourage human and pet disturbance.
Dust	Use best management practices to control dust.

Snag Preservation

With the exception of one snag, all other snags located outside of the house footprint will be protected and preserved as part of this mitigation plan. Any clearing placed within five (5) feet of the trunks shall be removed by hand, using hand tools only, to prevent impacts to the tree root system. All temporary and permanent fencing will be positioned to protect the remaining snags and minimize disturbance. By doing this, the project will help maintain valuable wildlife habitat features, preserve existing ecological functions within the buffer, and ensure the long-term stability of the Site's native vegetation and soil structure during and after construction.

Temporary Erosion and Sediment Control (Silt Fencing)

A double layer of temporary silt fencing is proposed to be installed along the clearing and grading limits as depicted in **Figure 2**. This installation will prevent mobilized sediment from entering Wetland A during all construction activities. This temporary erosion and sediment control (TESC) method will help trap any disturbed soil and debris, reducing the risk of sedimentation in adjacent critical areas. By stabilizing this along the construction limits, silt fencing will protect water quality, minimize habitat disruption, and prevent excess runoff from entering wetlands and the stream, ensuring that construction-related impacts are effectively mitigated. Additionally, the onsite contractor will install a high-visibility construction fence along the exterior edge of the temporary silt fencing to restrict access to critical areas southward of the proposed development during construction activities. The silt fencing will be removed after all construction activities have been completed and onsite stabilization has been reached. The high visibility construction fencing will be removed after all onsite clearing and grading has been completed where it will be subsequently replaced with critical areas fencing and signage.

Critical Areas Fencing and Signage

Two- or Three-board, split rail critical areas fencing and signage will be installed along the post-construction buffer (Figure 2). These installations will occur after all clearing and grading activities have been accomplished and will clearly define the allowed construction limits. These installations will prevent unauthorized human interference and serve as a long-term deterrent against anthropogenic influences that could degrade the ecological functions of these areas. By establishing signage and physical barriers, this will help to minimize human encroachment, prevent unauthorized vegetation clearing or dumping, and reduce potential soil compaction that could alter hydrology. Additionally, strategically placed critical areas signage will reinforce awareness by informing the public and property users of the environmental sensitivity of these areas. Together, these measures will help preserve the integrity of the critical area buffer, ensuring that its ecological functions and values remain intact over time.

Functions and Values Replaced

The King County ILF Program was established in 2004, and mitigation credit purchase is approved per KCC §21A.24.137. The mitigation credits are purchased through the King County mitigation reserves program. This program ensures that water quality functions, hydrologic functions, and habitat functions are reestablished within approved wetland creation processes, which involved converting farm field areas to a high-functioning wetland systems.

8.4 Mitigation Construction Sequencing

Below is an outline of the step-by-step mitigation construction process to minimize impacts associated with onsite development. These measures will ensure the short- and long-term protection of the remaining critical area buffers. The following actions will be taken:

- Meet with biologist/ecologist to review Site conditions and protection measures.
- Install a double layer of silt fencing along the clearing and grading limits while keeping all snags in-tact.
- Install a high-visibility construction fence along the exterior edge of the silt fencing location while keeping all snags in-tact.
- Removal of the temporary construction fence once clearing and grading activities are completed in accordance with best management practices.
- Installation of the critical areas fencing and signage per Figure 2 while keeping all snags in-tact.
- Removal of the double layer of silt fencing in accordance with best management practices once construction activities are completed and soil stabilization is reached.

9. Summary

The subject property is located along 155th Avenue SE, (Tax Parcel 935330-0870), in unincorporated King County. One (1) wetland (Wetland A) was identified onsite and within the Study Area during the 19 March 2025 Site evaluation. Wetland A is a Category III wetland with a habitat score of 3, which in R4 zoning requires an **80-foot buffer**. All critical area buffers require **15-foot building setback** per KCC §21A.24.200. The applicant proposes to construct single-family residence and driveway in the northeastern portion of the Site.

To accommodate this development, one (1) snag requires removal and 4,945 sf of wetland buffer impacts are required. This development project has been designed to meet the requirements of KCC §21A.24.070 - *Alteration Exception* which has been outlined in **Section 7.1**. Buffer averaging and wetland buffer enhancement are not possible due to the majority of the property being encumbered by wetland buffer and relatively intact native vegetation. A total of 4,945 sf Category III wetland buffer mitigation credits will be purchased through King County's ILF Program to compensate for indirect impacts. There is no alternative location for development and impacts have been limited to the maximum extent practicable. Critical areas fencing and signage is proposed to be placed around the edge of the development limits and to deter additional buffer disturbances and encroachment. This project will result in increased protection to habitat within Wetland A and its buffer areas from implementing BMPs and establishing protected areas.

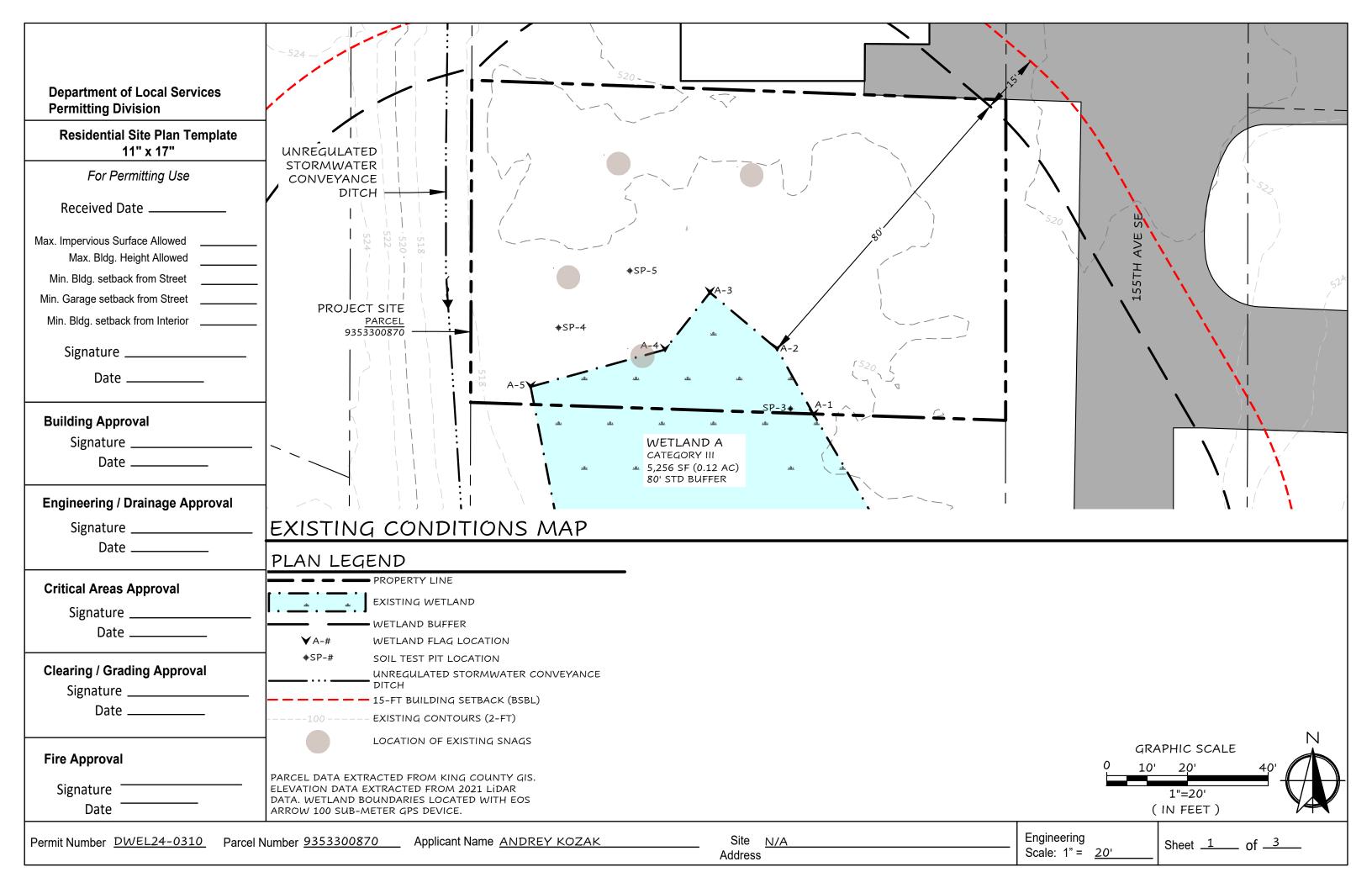
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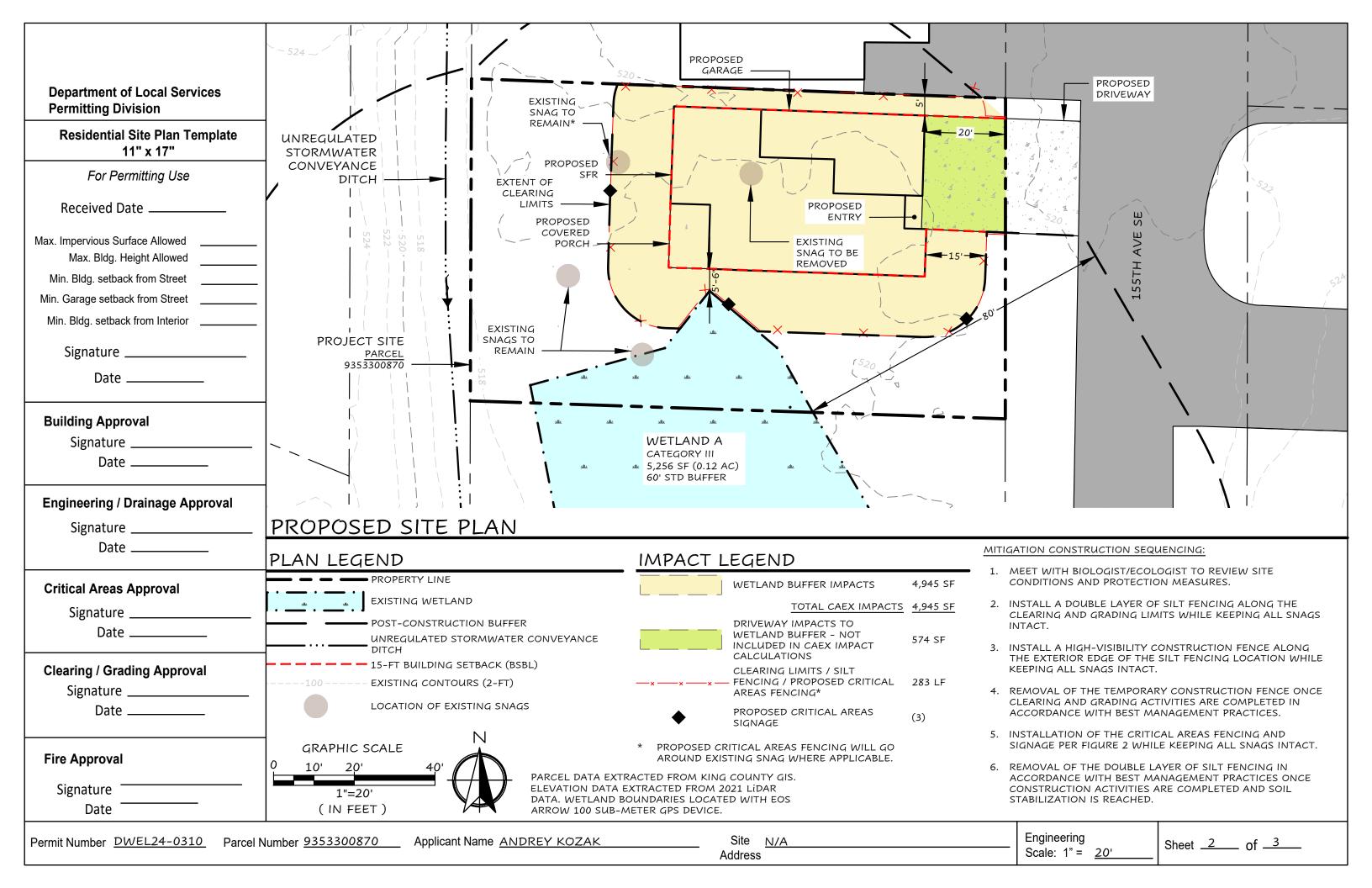
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FIGURES

Figure 1: Existing Conditions Map

Figure 2: Proposed Site Plan & Impacts Overview





Department of Local Services Permitting Division

Residential Site Plan Template 11" x 17"

For Permitting Use

Received Date _____

Max. Impervious Surface Allowed Max. Bldg. Height Allowed

Min. Bldg. setback from Street

Min. Garage setback from Street

Min. Bldg. setback from Interior __

Signature _____

Building Approval

Signature _____ Date _____

Engineering / Drainage Approval

Signature _____

Critical Areas Approval

Signature _____ Date _____

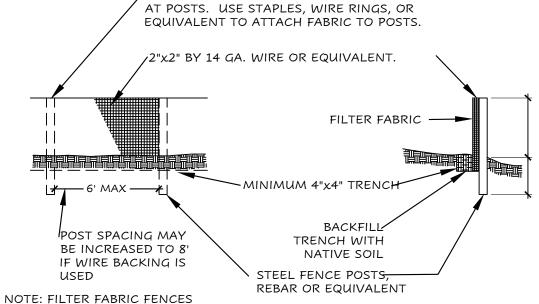
Clearing / Grading Approval

Signature _____ Date _____

Fire Approval

Signature Date





- 1. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
- 2. IF CONCENTRATED FLOWS ARE EVIDENT UPSLOPE OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT POND.

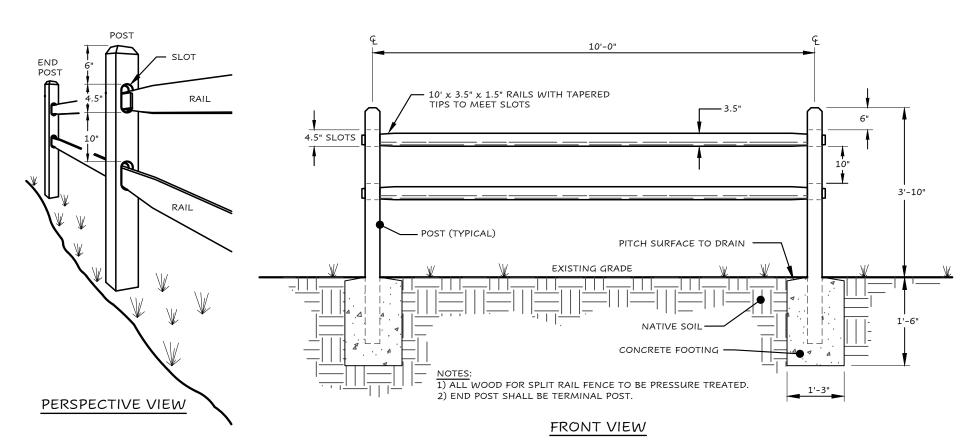
SILT FENCE MAINTENANCE STANDARDS:

- 3. CONTRACTOR SHALL CHECK THE UPSLOPE SIDE OF THE FENCE FOR SIGNS OF CLOGGING AND SUBSEQUENT CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE AND/OR REMOVE THE TRAPPED SEDIMENT.
- 4. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION EXCEEDS 6" IN DEPTH.

ELEVATION CROSS SECTION

SILT FENCE DETAIL

SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.



TWO BOARD FENCE DETAIL

Permit Number <u>DWEL24-0310</u> Parcel Number <u>9353300870</u> Applicant Name <u>ANDREY KOZAK</u>

Site N/A Address

Engineering Scale: 1" = 20'

Sheet 3 of 3

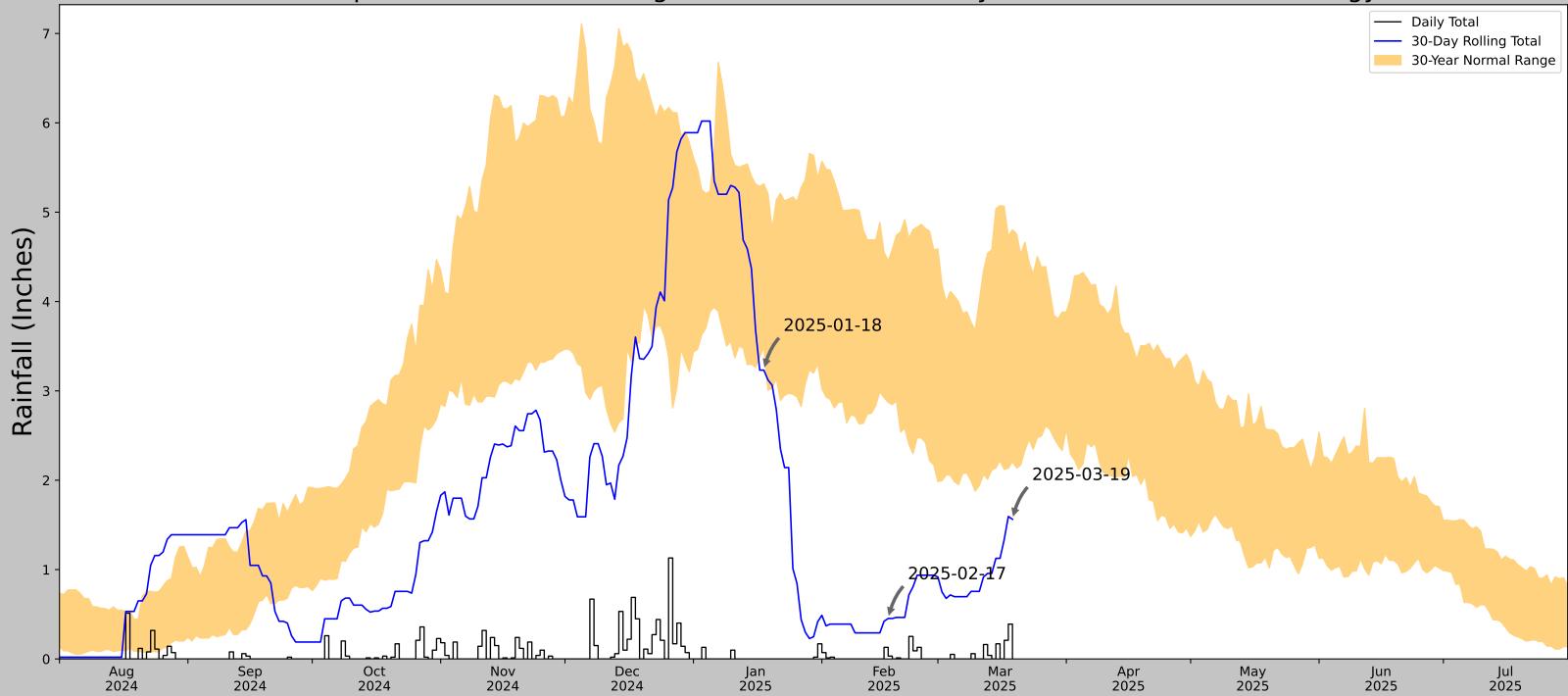
APPENDIX A

Normal Precipitation Worksheet

Eastside Environmental Pros, 2024 & 2025.

This normal precipitation analysis follows the methodology described by Sprecher and Warne (2000). The Corps Antecedent Precipitation application tool was used to determine that <u>drier</u> <u>than normal</u> conditions were present during the 14 May 2024 and 19 March 2025 Site Evaluation.

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	47.49053, -122.13483
Observation Date	2025-03-19
Elevation (ft)	519.739
Drought Index (PDSI)	Mild drought (2025-02)
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2025-03-19	2.20748	4.80315	1.562992	Dry	1	3	3
2025-02-17	2.871654	4.454331	0.452756	Dry	1	2	2
2025-01-18	3.487008	5.316929	3.232284	Dry	1	1	1
Result							Drier than Normal - 6

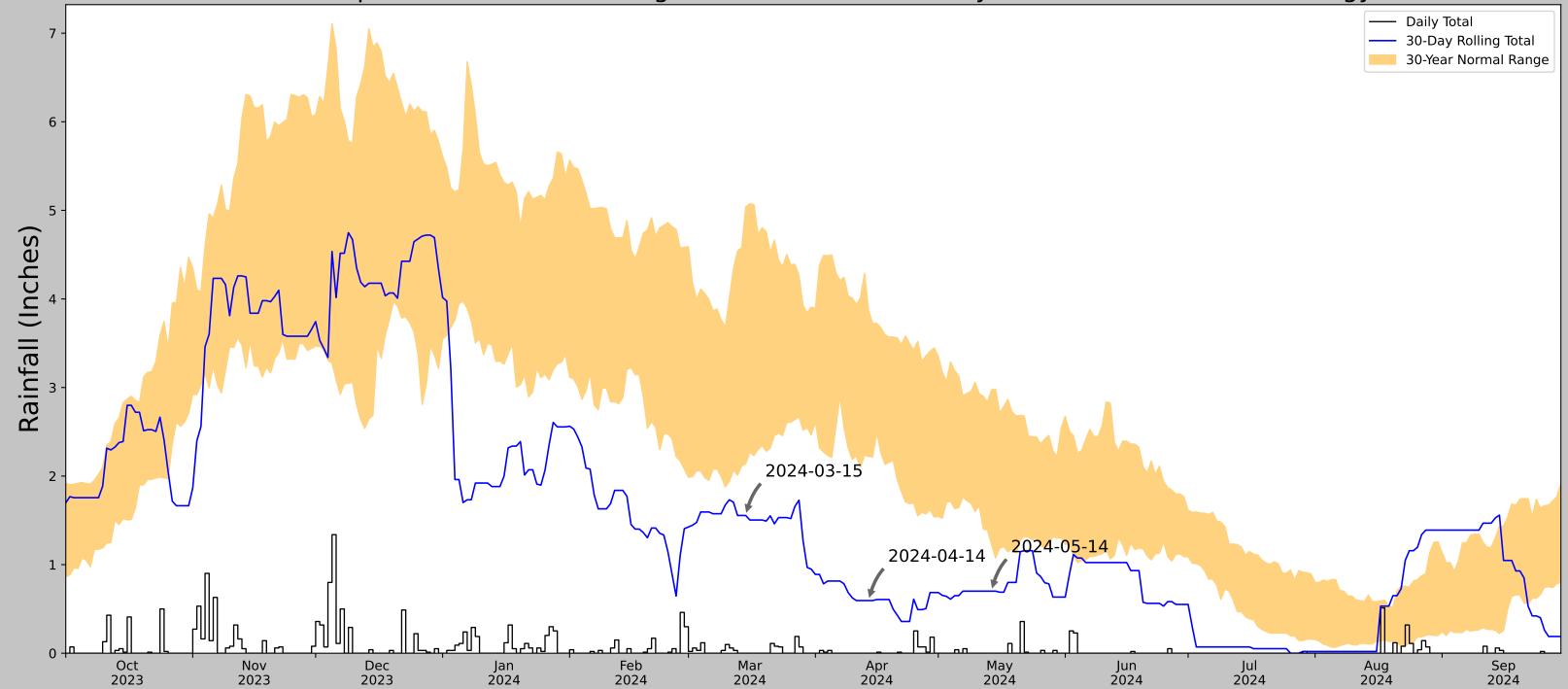


Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by: U.S. Army Corps of Engineers and U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
RENTON MUNI AP	47.495, -122.2144	18.045	3.728	501.694	3.548	9467	75
RENTON 0.5 SSW	47.4752, -122.2019	211.942	1.487	193.897	0.957	21	15
KENT	47.4172, -122.2433	28.871	5.542	10.826	2.554	1773	0
SEATTLE TACOMA AP	47.4447, -122.3144	369.094	5.822	351.049	4.664	92	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	47.49053, -122.13483
Observation Date	2024-05-14
Elevation (ft)	519.739
Drought Index (PDSI)	Moderate drought
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2024-05-14	1.227953	2.974016	0.700787	Dry	1	3	3
2024-04-14	2.22126	3.868504	0.594488	Dry	1	2	2
2024-03-15	2.138976	5.038583	1.555118	Dry	1	1	1
Result							Drier than Normal - 6



Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by: U.S. Army Corps of Engineers and U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
RENTON MUNI AP	47.495, -122.2144	18.045	3.728	501.694	3.548	9103	90
RENTON 0.5 SSW	47.4752, -122.2019	211.942	1.487	193.897	0.957	19	0
KENT	47.4172, -122.2433	28.871	5.542	10.826	2.554	2094	0
SEATTLE TACOMA AP	47.4447, -122.3144	369.094	5.822	351.049	4.664	136	0

APPENDIX B

Wetland Determination Datasheets

Eastside Environmental Pros, Inc.

roject/Site: 475	C	ity/Count	y: King		Sampling Date:5-14-20)24
pplicant/Owner: <u>Kozak</u>				State: WA	Sampling Point: <u>SP-1</u>	
vestigator(s): RB			Section, Tov	vnship, Range: <u>S11 - T</u>	23 - R5	
andform (hillslope, terrace, etc.): <u>terrace</u>		Local reli	ef (concave, o	convex, none): concave	e Slope (%)	: <u>2</u>
ubregion (LRR): A						
oil Map Unit Name: <u>Belligham silt loam</u>						
re climatic / hydrologic conditions on the site typical for this						
re Vegetation, Soil, or Hydrology sign	•		•	•	esent? Yes ⊠ No □	
re Vegetation, Soil, or Hydrology natu				d, explain any answers		
						4_
UMMARY OF FINDINGS – Attach site map s	snowing s	ampiin	ig point io	cations, transects	s, important feature	s, etc.
Hydrophytic Vegetation Present? Yes ⊠ No □		Is	the Sampled	l Area		
Hydric Soil Present? Yes ☐ No ☒		wi	thin a Wetlar	nd? Yes □	No ⊠	
Wetland Hydrology Present? Yes ☐ No ☒ Remarks: Sample point taken in the central portion of the		l climatic	conditions no	esent during site evlation	ons Wetland criteria not m	net
remarks. Cample point taken in the central portion of the	Oile. Norma	i ciiiriatic	conditions pr	esent during site eviation	ons. Wedana chiena not n	ict.
EGETATION – Use scientific names of plant	is.					
-	Absolute		nt Indicator	Dominance Test wo	orksheet:	
Tree Stratum (Plot size: 30 ft)			s? Status	Number of Dominant		
1. Populus balsamifera			<u>FAC</u>	That Are OBL, FACV	V, or FAC: 4	_ (A)
2. Salix scouleriana			FAC	Total Number of Don		
3				Species Across All S	trata: <u>5</u>	_ (B)
4	90			Percent of Dominant		(4 (5)
Sapling/Shrub Stratum (Plot size: 15 ft)	90	– Totai	Cover	That Are OBL, FACV	V, or FAC: <u>80</u>	_ (A/B)
1. Rubus armeniacus	50	Y	FAC	Prevalence Index w	orksheet:	
2. Spirea douglasii	<u>15</u>	N	FACW	Total % Cover o	f: Multiply by:	
3. Rubus laciniatus	<u>10</u>	N	FACU	OBL species	x 1 =	
4. Rosa pisocarpa	<u>15</u>	N	FAC	FACW species	x 2 =	<u>—</u>
5				*	x 3 =	
Llowh Stratum (Plot airca F ft)	90	= Total	Cover		x 4 =	
Herb Stratum (Plot size: <u>5 ft</u>)	20	V	OBL		x 5 =	
1. Carex obnupta	30		FACU	Column Totals:	(A)	(B)
2. <u>Hedera helix</u>				Prevalence Ind	lex = B/A =	
3 4				Hydrophytic Vegeta		
5.				□ Dominance Test □ Dominance Test		
6.				☐ Prevalence Index	x is ≤3.0¹	
7.				☐ Morphological Ac	daptations¹ (Provide suppo	orting
8.					arks or on a separate shee	
	40		Cover	☐ Problematic Hyd	rophytic Vegetation¹ (Expl	ain)
Woody Vine Stratum (Plot size: 15 ft)	<u></u>		0010.			
1. <u>None</u>					soil and wetland hydrology isturbed or problematic.	y must
2					isturbed of problematic.	
		= Total	Cover	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum % Co	ver of Biotic (Crust			Yes ⊠ No 🗌	
				1		

Depth (inches)	Color (moist)	%	Colo	r (moist)	%	es Type ¹	Loc ²	Texture	Remarks
)-14	10YR 2/2	100		i (moiot)		Турс		Silty loam	
14-20	10YR 2/2	90						Silty loam	
	10YR 4/4	<u> </u>						-	concretions
									· -
						·		-	
	Concentration, D=[ed Sand G		ocation: PL=Pore Lining, M=Matrix.
-	Indicators: (App	licable to				ited.)			ors for Problematic Hydric Soils ³ :
☐ Histosol	pipedon (A2)			Sandy Redo Stripped Ma					m Muck (A10) l Parent Material (TF2)
☐ Black Hi					y Mineral (F	1 (except	MLRA 1))		y Shallow Dark Surface (TF12)
	en Sulfide (A4)				d Matrix (F2		,,		er (Explain in Remarks
•	d Below Dark Surf	ace (A11)		epleted Ma	. ,				
	ark Surface (A12)				Surface (F6	•		31	to an afficial and a state of the state of t
-	Mucky Mineral (S1 Gleyed Matrix (S4)			•	rk Surface (essions (F8)	,			tors of hydrophytic vegetation and and hydrology must be present,
Oandy C	Sicycu Matrix (04)		٠ ت	COOX DOP!	23310113 (1 0)				ess disturbed or problematic.
Restrictive	Layer (if present):							
-									
Type:									
Depth (ir Remarks: H	nches): ydric soil criteria r							Hydric So	il Present? Yes □ No ⊠
Depth (ir Remarks: H	nches):ydric soil criteria r	ot met.	_					Hydric So	il Present? Yes □ No ⊠
Depth (ir Remarks: H	ydric soil criteria r GY rdrology Indicato	ot met.		eck all that a	(vlaai				
Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi	nches):ydric soil criteria r	ot met.		☐ Water-	Stained Lea	ıves (B9) (except ML	Seco	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1
Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi	ydric soil criteria r GY rdrology Indicator icators (minimum o	ot met.		☐ Water- 4A, and 4	Stained Lea • B)	aves (B9) (except ML	Secc RA 1, 2,	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 , A, and 4B))
Depth (ir Remarks: H	ydric soil criteria r GY vdrology Indicato icators (minimum o e Water (A1) Vater Table (A2)	ot met.		☐ Water- 4A , and 4 ☐ Salt C	Stained Lea B) rust (B11)		except ML	Seco	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 ; A, and 4B)) Drainage Patterns (B10)
Depth (ir Remarks: H	ydric soil criteria r GY vdrology Indicato icators (minimum o e Water (A1) Vater Table (A2)	ot met.		☐ Water- 4A , and 4 ☐ Salt C ☐ Aquat	Stained Lea • B)	ates (B13)		Secc RA 1, 2, [4,	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi Surfac High V Satura Water	ydric soil criteria r GY rdrology Indicato icators (minimum e Water (A1) Vater Table (A2) tion (A3)	ot met.		☐ Water- 4A, and 4 ☐ Salt C ☐ Aquat ☐ Hydro	Stained Lea B) rust (B11) ic Invertebra	ates (B13) Odor (C1)		Secondary Second	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2)
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Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal N	ydric soil criteria r ydric soil criteria r ydrology Indicator cators (minimum of the Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	ot met.		Water 4A, and 4 Salt C Aquat Hydro Oxidiz Prese Recer	Stained Lea B) rust (B11) ic Invertebra gen Sulfide ted Rhizospi nce of Redu at Iron Redu	ates (B13) Odor (C1) heres alon need Iron (C	g Living Ro C4) ed Soils (C	Secondary Second	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Project/Site: <u>475</u>	C	ity/Coun	ty: King		Sampling Date: <u>5-1</u>	4-2024
Applicant/Owner: <u>Kozak</u>				State: WA Sampling Point: SP-2		·-2
Investigator(s): RB			Section, Tov	vnship, Range: <u>S11 - T</u>	⁻ 23 - R5	
Landform (hillslope, terrace, etc.): terrace		Local reli	ief (concave, d	convex, none): concave	e Slope	(%): <u>0</u>
Subregion (LRR): A						
Soil Map Unit Name: <u>Belligham silt loam</u>						
Are climatic / hydrologic conditions on the site typical for the						
Are Vegetation, Soil, or Hydrology si	_		•		resent? Yes ⊠ No ∣	
				•		
Are Vegetation, Soil, or Hydrology na				d, explain any answers		
SUMMARY OF FINDINGS – Attach site map	showing s	amplir	ng point lo	cations, transect	s, important feat	ures, etc.
Hydrophytic Vegetation Present? Yes ⊠ No		Is	the Sampled	l Δ rea		
Hydric Soil Present? Yes ☐ No	\boxtimes		ithin a Wetlar] No 🖾	
Wetland Hydrology Present? Yes ☐ No						
Remarks: Sample point taken in the northwestern porti evlations. Wetland criteria not met.	on of the adjace	ent parce	el to the south	of the Site. Normal clir	matic conditions preser	nt during site
eviations. Wettand officina flot flot.						
(FOETATION Handalantification of all	4					
/EGETATION – Use scientific names of pla				1		
Tree Stratum (Plot size: 30 ft)	Absolute % Cover		ant Indicator s? Status	Dominance Test we		
1. Populus balsamifera			FAC	Number of Dominan That Are OBL. FAC	it Species W, or FAC: <u>6</u>	(A)
2. Salix scouleriana			FAC		·	(-)
3. <u>Sorbus scopulina</u>			FACU	Total Number of Dor Species Across All S		(B)
4.					·	(5)
	100		l Cover	Percent of Dominant That Are OBL, FAC\		(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft)				Daniel and the desire		
1. Rubus armeniacus				Prevalence Index w		
2. <u>Spirea douglasii</u>			<u>FACW</u>		of: Multiply	
3. Rosa pisocarpa					x 1 =	
4				•	x 2 =	
5		- —		1	x 3 =	
Herb Stratum (Plot size: 5 ft)	<u>100</u>	_ = Total	l Cover		x 4 =	
1. Carex obnupta	90	Y	OBI		x 5 =	
2				Column Totals:	(A)	(B)
3.				Prevalence Inc	dex = B/A =	
4				Hydrophytic Vegeta	ation Indicators:	
5.				□ Dominance Test	t is >50%	
6				☐ Prevalence Inde	x is ≤3.0¹	
7.				☐ Morphological A	daptations¹ (Provide su	upporting
8.					arks or on a separate s	,
	90		l Cover	☐ Problematic Hyd	drophytic Vegetation ¹ (E	Explain)
Woody Vine Stratum (Plot size: 15 ft)						
1. None					soil and wetland hydro	
2				be present, unless d	listurbed or problemation	j.
		= Total	l Cover	Hydrophytic		
% Bare Ground in Herb Stratum % 0	Cover of Biotic (Crust		Vegetation Present?	Yes ⊠ No □	
Remarks: Hydrophytic vegetation criteria met.	JOVEL OF BIOLIC V			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

	atrix	0.1. (Redox Featur		1 - 2	T4	5	
(inches) Color (moist)%	Color (moist)		Type ¹	Loc ²	Texture	Remarks	
0-15 <u>10YR 2/2</u>	100					Silty loam	_	
15-20 10YR 2/2	90					Silty loam		
10YR 4/6	10						concretions	
						-		
			-					·
		_						
Type: C=Concentration,					ed Sand G		ocation: PL=Pore Lining, N	
Hydric Soil Indicators: (A	Applicable to			itea.)			tors for Problematic Hydr	ic Solis":
☐ Histosol (A1) ☐ Histic Epipedon (A2)		☐ Sandy R ☐ Stripped					m Muck (A10) d Parent Material (TF2)	
Black Histic (A3)			lucky Mineral (F	1 (except	MLRA 1))		ry Shallow Dark Surface (T	F12)
 ☐ Hydrogen Sulfide (A4)		•	leyed Matrix (F2		,,		er (Explain in Remarks	,
☐ Depleted Below Dark S	, ,	•	, ,					
Thick Dark Surface (A	,		ark Surface (F6	,		21 11		
☐ Sandy Mucky Mineral☐ Sandy Gleyed Matrix (, ,	•	Dark Surface (,			tors of hydrophytic vegetati	
_ Sandy Gleyed Matrix (34)	☐ Redox D	epressions (F8)	1			land hydrology must be pre ess disturbed or problemati	
Restrictive Layer (if pres	ent):						·	
Туре:								
Depth (inches):						Hydric So	oil Present? Yes 🗌 No	$oxed{oxed}$
Remarks: Hydric soil criter	ia not met.							
DROLOGY								
DROLOGY Wetland Hydrology Indic	ators:	uired: check all th	nat apply)			Sec	ondary Indicators (2 or mor	e required)
DROLOGY	ators:	□ Wa	ater-Stained Lea	aves (B9) (except ML	RA 1, 2,	ondary Indicators (2 or mor	
DROLOGY Wetland Hydrology Indic Primary Indicators (minimum Surface Water (A1)	ators: um of one req	☐ Wa 4 A , aı	ater-Stained Lea	aves (B9) (except ML	RA 1, 2, [☐ Water Stained Leaves (I A, and 4B))	39) (MLRA 1 ,
DROLOGY Wetland Hydrology Indice Primary Indicators (minimum) Surface Water (A1) High Water Table (A2)	ators: um of one req	□ Wa 4A, ai □ Sa	ater-Stained Lea 1d 4B) alt Crust (B11)		except ML	RA 1, 2, [4	☐ Water Stained Leaves (I A, and 4B)) ☐ Drainage Patterns (B10)	B9) (MLRA 1,
DROLOGY Wetland Hydrology Indic Primary Indicators (minimum Surface Water (A1)	ators: um of one req	☐ Wá 4A, ai ☐ Sá ☐ Ad	ater-Stained Lea	ates (B13)		RA 1, 2, [4	☐ Water Stained Leaves (I A, and 4B))	B9) (MLRA 1 ,
Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3)	ators: um of one requ 2)	☐ Wa 4A, a l ☐ Sa ☐ Ad	ater-Stained Lea n d 4B) alt Crust (B11) quatic Invertebra	ates (B13) Odor (C1)		RA 1, 2, [4 [[☐ Water Stained Leaves (I A, and 4B)) ☐ Drainage Patterns (B10) ☐ Dry-Season Water Table	39) (MLRA 1, e (C2) rial Imagery (0
Primary Indicators (minimum Surface Water (A1) High Water Table (A3) Saturation (A3) Water Marks (B1)	ators: um of one requ 2)	☐ Wa 4A, al ☐ Sa ☐ Ad ☐ H <u>i</u>	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra ydrogen Sulfide	ates (B13) Odor (C1) heres alon	g Living Ro	RA 1, 2, [4 [[coots (C3) [☐ Water Stained Leaves (I.A, and 4B)) ☐ Drainage Patterns (B10) ☐ Dry-Season Water Table ☐ Saturation Visible on Ae	39) (MLRA 1, e (C2) rial Imagery (0
Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B	eators: um of one requipal 2)	☐ Wa 4A, ai ☐ Sa ☐ Ad ☐ Hy ☐ O: ☐ Pr	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra ydrogen Sulfide kidized Rhizosp	ates (B13) Odor (C1) heres alon iced Iron (g Living Ro	RA 1, 2, [4 [Coots (C3) [☐ Water Stained Leaves (IA, and 4B)) ☐ Drainage Patterns (B10) ☐ Dry-Season Water Table ☐ Saturation Visible on Ae ☐ Geomorphic Position (D	39) (MLRA 1, e (C2) rial Imagery (0
Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3)	eators: um of one requipal 2)	Wa 4A, al Sa Ad Hy O: Pr Re	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra ydrogen Sulfide kidized Rhizosp esence of Redu	ates (B13) Odor (C1) heres alon iced Iron (i	g Living Ro C4) ed Soils (C	RA 1, 2,	Water Stained Leaves (IA, and 4B)) Drainage Patterns (B10) Dry-Season Water Table Saturation Visible on Ae Geomorphic Position (D Shallow Aquitard (D3)	B9) (MLRA 1, e (C2) rial Imagery (02)
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Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Algal Mat or Crust (B5)	eators: um of one request 2) 32) 4) (B6)	Wa 4A, ai Sa Ao Hy O: Pr Ro St	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra /drogen Sulfide xidized Rhizosp resence of Redu ecent Iron Redu unted or Stress	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro C4) ed Soils (C	RA 1, 2,	Water Stained Leaves (IA, and 4B)) Drainage Patterns (B10) Dry-Season Water Table Saturation Visible on Ae Geomorphic Position (D Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6	B9) (MLRA 1, e (C2) rial Imagery (C2) (LRR A)
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Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B1) Iron Deposits (B5) Surface Soil Cracks (B1) Inundation Visible on Sparsely Vegetated C5	cators: um of one required 2) 32) 4) (B6) Aerial Imager Concave Surfa	Wa 4A, an Sa Ad Ad Ad Ad Ad Ad Ad A	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra ydrogen Sulfide kidized Rhizosp resence of Redu ecent Iron Redu unted or Stress ther (Explain in	ates (B13) Odor (C1) heres alon iced Iron (i ction in Til ed Plants (Remarks)	g Living Ro C4) ed Soils (C	RA 1, 2,	Water Stained Leaves (IA, and 4B)) Drainage Patterns (B10) Dry-Season Water Table Saturation Visible on Ae Geomorphic Position (D Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6	B9) (MLRA 1, e (C2) rial Imagery (C2) (LRR A)
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Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B2) Iron Deposits (B5) Surface Soil Cracks (B3) Inundation Visible on Sparsely Vegetated Coricle (B3) Field Observations: Surface Water Present?	Eators: Jum of one required: (B6) Aerial Imager Concave Surfate Yes Yes Yes Yes	Wa	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra drogen Sulfide kidized Rhizosp esence of Redu ecent Iron Redu unted or Stress ther (Explain in (inches):	ates (B13) Odor (C1) heres alon iced Iron (i ction in Til ed Plants (Remarks)	g Living Ro C4) ed Soils (C D1)(LRR A	RA 1, 2,	Water Stained Leaves (IA, and 4B)) Drainage Patterns (B10) Dry-Season Water Table Saturation Visible on Ae Geomorphic Position (D Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6 Frost-Heave Hummocks (D6)	B9) (MLRA 1, e (C2) rial Imagery (C2) (LRR A)
Wetland Hydrology Indice Primary Indicators (minimum) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B3) Iron Deposits (B5) Surface Soil Cracks (B3) Inundation Visible on Sparsely Vegetated Case (B3) Field Observations: Surface Water Present?	cators: um of one required: 2) 32) 4) (B6) Aerial Imager Concave Surfa	Wa	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra drogen Sulfide kidized Rhizosp resence of Redu ecent Iron Redu unted or Stress ther (Explain in	ates (B13) Odor (C1) heres alon iced Iron (i ction in Til ed Plants (Remarks)	g Living Ro C4) ed Soils (C D1)(LRR A	RA 1, 2,	Water Stained Leaves (IA, and 4B)) Drainage Patterns (B10) Dry-Season Water Table Saturation Visible on Ae Geomorphic Position (D Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6	B9) (MLRA 1, e (C2) rial Imagery (C2) (LRR A)
Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B2) Iron Deposits (B5) Surface Soil Cracks (B3) Inundation Visible on Sparsely Vegetated C3 Field Observations: Surface Water Present? Water Table Present?	Eators: Lim of one required: 2) 32) 4) (B6) Aerial Imager Concave Surfatives Yes Yes Yes Yes Yes Yes Yes Y	Wa	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra /drogen Sulfide kidized Rhizosp resence of Redu ecent Iron Redu unted or Stress ther (Explain in (inches):	ates (B13) Odor (C1) heres alon uced Iron (i ction in Til ed Plants (i Remarks)	g Living Ro C4) ed Soils (C D1)(LRR A	RA 1, 2,	Water Stained Leaves (IA, and 4B)) Drainage Patterns (B10) Dry-Season Water Table Saturation Visible on Ae Geomorphic Position (D Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6 Frost-Heave Hummocks (D6)	B9) (MLRA 1, e (C2) rial Imagery (C2) (LRR A)
Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B3) Iron Deposits (B5) Surface Soil Cracks (B3) Inundation Visible on Sparsely Vegetated Companies Field Observations: Surface Water Present? Water Table Present? Saturation Present?	cators: um of one required: 2) 32) 4) (B6) Aerial Imager Concave Surfatives Yes Yes Yes stream gauge	Wa 4A, an 4A, an Ada	ater-Stained Leand 4B) alt Crust (B11) quatic Invertebra /drogen Sulfide kidized Rhizosp resence of Redu ecent Iron Redu unted or Stress ther (Explain in (inches):	ates (B13) Odor (C1) heres alon uced Iron (i ction in Til ed Plants (i Remarks)	g Living Ro C4) ed Soils (C D1)(LRR A	RA 1, 2,	Water Stained Leaves (IA, and 4B)) Drainage Patterns (B10) Dry-Season Water Table Saturation Visible on Ae Geomorphic Position (D Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6 Frost-Heave Hummocks (D6)	B9) (MLRA 1, e (C2) rial Imagery (C2) (LRR A)

Project/Site: 475	Ci	ty/Co	ounty: King		Sampling Date: <u>5-14</u>	l-2024
Applicant/Owner: Kozak				State: WA	Sampling Point: <u>SP</u>	-3
Investigator(s): RB			Section, Tow	nship, Range: <u>S11 - T23</u>	3 - R5	
Landform (hillslope, terrace, etc.): terrace	L	_ocal	relief (concave, c	onvex, none): concave	Slope ((%): <u>0</u>
Subregion (LRR): A	Lat: <u>47.490</u>)49		Long: <u>-122.13491</u>	Datum: <u>N</u>	NAD83
Soil Map Unit Name: Belligham silt loam				NWI classificat	tion: none	
Are climatic / hydrologic conditions on the site typical for this t						
Are Vegetation, Soil, or Hydrology signif				nal Circumstances" pres	ent? Yes 🛛 No [
Are Vegetation, Soil, or Hydrology natura				, explain any answers in	Remarks.)	
SUMMARY OF FINDINGS – Attach site map si			oling point lo	cations, transects,	important featu	ıres, etc.
		Ì	<u> </u>	,	•	•
Hydrophytic Vegetation Present? Yes ⊠ No ☐ Hydric Soil Present? Yes ⊠ No ☐			Is the Sampled		_	
Wetland Hydrology Present? Yes ⊠ No □			within a Wetlan	d? Yes ⊠ I	No ⊠	
Remarks: Sample point taken in the western portion of the present during site evlations. Wetland criteria met.	adjacent pa	rcel t	to the south at the	edge of the drainage di	tch. Normal climatic	conditions
present during site eviations. Wetland Citteria met.						
VEGETATION – Use scientific names of plants	 5.					
	Absolute	Dom	ninant Indicator	Dominance Test work	sheet:	
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>) 1			ecies? Status	Number of Dominant S That Are OBL, FACW,		(A)
2				Total Number of Domir	nant	
3				Species Across All Stra		(B)
4				Percent of Dominant S That Are OBL, FACW,		(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft)						(A/b)
1				Prevalence Index wor		
2					Multiply I	
3				OBL species		
4				FAC species		
5			otal Cover	FACU species		
Herb Stratum (Plot size: 5 ft)		- 10	otal Covel	UPL species		
1. Phalaris arundinacea	100	Υ	FACW	Column Totals:		
2						
3					< = B/A =	
4				Hydrophytic Vegetati		
5				□ Dominance Test is □		
6				☐ Prevalence Index is		
7				☐ Morphological Ada data in Remark	ptations⊺(Provide su s or on a separate sl	
8				☐ Problematic Hydro		*
Woody Vine Stratum (Plot size: 15 ft)	100	= 10	otal Cover			
1. <u>None</u>				¹ Indicators of hydric so		
2				be present, unless dist	urbed or problematic).
		= To	otal Cover	Hydrophytic		
% Bare Ground in Herb Stratum % Cove	er of Biotic C	Crust		Vegetation Present? Ye	es 🛛 No 🗌	
Remarks: Hydrophytic vegetation criteria met.						

(inches)	Color (moist)	%	Colo	r (moist)	%	Type ¹	Loc ²	Texture	Remarks
)-12	10YR 3/2	100						Loam	some organic content
12-20	Gley1 5/10GY	70	10Y	R 4/6	20	<u>C</u>	M	SandyClay	prominent redox
			10YI	R 5/1	10	D	М		
							- 1010	21 -	antinus DL Dans Linius M Matrix
	Concentration, D=E Indicators: (App						ed Sand Gi		cation: PL=Pore Lining, M=Matrix. ors for Problematic Hydric Soils ³ :
☐ Histosol				Sandy Redox		,,,			n Muck (A10)
	pipedon (A2)			Stripped Matr					Parent Material (TF2)
☐ Black H			□ I	_oamy Mucky	Mineral (F	1 (except	MLRA 1))	☐ Ver	y Shallow Dark Surface (TF12)
	en Sulfide (A4)			oamy Gleyed	•	2)		☐ Othe	er (Explain in Remarks
•	d Below Dark Surf	ace (A11)		epleted Matr					
	ark Surface (A12)			Redox Dark S	•	•		31 11 1	
-	Mucky Mineral (S1) Gleyed Matrix (S4)			Depleted Darl Redox Depres	,	,			ors of hydrophytic vegetation and and hydrology must be present,
	sieyed Matrix (54)		<u></u> П	Redox Depres	ssions (Fo)	1			ss disturbed or problematic.
Restrictive	Layer (if present):							·
Depth (ir Remarks: H	nches): ydric soil criteria n		_					Hydric Soi	I Present? Yes ⊠ No □
Depth (ir Remarks: H	ydric soil criteria n	net.						Hydric Soi	I Present? Yes ⊠ No □
Depth (ir Remarks: H	ydric soil criteria n GY rdrology Indicato	net.		ack all that an	only)				
Depth (in Remarks: H	ydric soil criteria n GY /drology Indicato	net.				aves (RQ) (ovcent MI	Seco	ndary Indicators (2 or more required)
Depth (in Remarks: H	ydric soil criteria n GY rdrology Indicato	net.		eck all that ap ☐ Water-S 4A , and 4 E	Stained Lea	aves (B9) (except ML	Seco	ndary Indicators (2 or more required)
Depth (in Remarks: H	ydric soil criteria n GY /drology Indicato	net.		☐ Water-S	Stained Lea 3)	aves (B9) (except ML	Seco	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1
Depth (in Remarks: H	ydric soil criteria n GY rdrology Indicato icators (minimum o e Water (A1) Vater Table (A2)	net.		☐ Water-S 4A, and 4E	Stained Lea 3) ust (B11)		except ML	Seco	ndary Indicators (2 or more required)] Water Stained Leaves (B9) (MLRA 1 A, and 4B))
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surfac High V	ydric soil criteria n GY rdrology Indicato icators (minimum o e Water (A1) Vater Table (A2)	net.		☐ Water-S 4A , and 4E ☐ Salt Cr	Stained Lea 3) ust (B11) c Invertebra	ates (B13)	except ML	Seco RA 1, 2,	indary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surface High V Satura U Water	ydric soil criteria n GY rdrology Indicato icators (minimum o e Water (A1) Vater Table (A2) tion (A3)	net.		☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation	Stained Lea 3) ust (B11) c Invertebra len Sulfide	ates (B13) Odor (C1)		Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surfact High V Satura Water Sedim	ydric soil criteria n ydric soil criteria n ydrology Indicato icators (minimum o e Water (A1) Vater Table (A2) tion (A3) Marks (B1)	net.		☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquatio	Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp	ates (B13) Odor (C1) heres alon	g Living Ro	Seco RA 1, 2,	Indary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery
Depth (in Remarks: H	ydric soil criteria n drology Indicato icators (minimum o e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	net.		☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent	Stained Lea B) ust (B11) c Invertebraten Sulfide ed Rhizosp ce of Redu	ates (B13) Odor (C1) heres alon iced Iron (ction in Til	g Living Ro C4) led Soils (C	Secondary Second	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Cand Companies) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal M	ydric soil criteria n drology Indicato icators (minimum o e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	rs: of one req		☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Present ☐ Recent ☐ Stunted	Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu I Iron Redu d or Stress	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro	Secondary Second	mdary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surface High V Satura U Water Sedim Drift D Algal M Iron De	ydric soil criteria n drology Indicato icators (minimum o e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	rs: of one req		☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent	Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu I Iron Redu d or Stress	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro C4) led Soils (C	Secondary Second	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (in Remarks: H	ydric soil criteria north ydrology Indicator (minimum of the Water (A1) Vater Table (A2) (Marks (B1) (B2) (B3) (Mat or Crust (B4) (B5) (B5) (B5) (B5) (B5) (B5) (B5) (B5	rs: of one req	uired; ch	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Present ☐ Recent ☐ Stunted	Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu I Iron Redu d or Stress	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro C4) led Soils (C	Secondary Second	Indary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: H	ydric soil criteria north of the control of the con	rs: of one req	uired; ch	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Present ☐ Recent ☐ Stunted	Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu I Iron Redu d or Stress	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro C4) led Soils (C	Secondary Second	mdary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi Surface High V Satura U Sedim Drift D Algal N Iron Do Surface Inunda Sparse	ydric soil criteria not ydrology Indicator (actors (minimum of the Water (A1)) Vater Table (A2) (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aeroly Vegetated Concervations:	rs: of one required in the second in the sec	uired; chu	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquatic ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu I Iron Redu d or Stress Explain in	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro C4) led Soils (C	Secondary Second	mdary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (in Remarks: H	ydric soil criteria not ydrology Indicator (minimum of the Water (A1) Vater Table (A2) Ition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aer ly Vegetated Concervations: ter Present?	rs: of one req ial Imager cave Surfa	uired; cho	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Stained Lea By ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu i Iron Redu d or Stress Explain in	ates (B13) Odor (C1) heres alon uced Iron (C ction in Till ed Plants (Remarks)	g Living Ro C4) led Soils (C	Secondary Second	mdary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (in Remarks: H	ydric soil criteria not your soil criteria not you water (A1) Vater Table (A2) Ition (A3) Marks (B1) Ition (A3) Marks (B1) Ition (B3) Mat or Crust (B4) Ition (B5) Ition Visible on Aer Ity Vegetated Concervations: Iter Present?	rs: of one require save Surfa	y (B7) nce (B8) No No	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Depth (inch	Stained Lea Blance Lea Blanc	ates (B13) Odor (C1) heres alon iced Iron (i ction in Till ed Plants (Remarks)	g Living Ro C4) ed Soils (C D1)(LRR A	Secondary Second	Indary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)) Frost-Heave Hummocks (D7)
Depth (in Remarks: H	ydric soil criteria no ydrology Indicato ocators (minimum oce Water (A1)) Vater Table (A2) Ition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aer ly Vegetated Concorvations: ter Present? Present?	rs: of one req ial Imager cave Surfa	uired; cho	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Stained Lea Blance Lea Blanc	ates (B13) Odor (C1) heres alon iced Iron (i ction in Till ed Plants (Remarks)	g Living Ro C4) ed Soils (C D1)(LRR A	Secondary Second	mdary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (in Remarks: H	ydric soil criteria not your soil criteria not you water (A1) Vater Table (A2) Ition (A3) Marks (B1) Ition (A3) Marks (B1) Ition (B3) Mat or Crust (B4) Ition (B5) Ition Visible on Aer Ity Vegetated Concervations: Iter Present?	rs: of one required ial Imager cave Surfaryes \textsum Yes \textsum Yes \textsum Yes \textsum Yes \textsum Yes \textsum	y (B7) nce (B8) No No No No No No No No No No	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidizes ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Depth (inched) Depth (inched)	Stained Lea Blained Redu Blained Red	ates (B13) Odor (C1) heres alon uced Iron (C ction in Till ed Plants (Remarks)	g Living Ro C4) led Soils (C D1)(LRR A	Secondary Second	Indary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)) Frost-Heave Hummocks (D7)
Depth (in Remarks: H	ydric soil criteria no ydric soil criteria no ydrology Indicato icators (minimum of e Water (A1) Vater Table (A2) Ition (A3) Marks (B1) In Deposits (B2) In Deposits (B3) In Deposits (B4) In Deposits (B5) In Oracks (B6) Ition Visible on Aer Ity Vegetated Concorvations: Iter Present? Iter Present	rs: of one required ial Imager cave Surfaryes \textsum Yes \textsum Yes \textsum Yes \textsum Yes \textsum Yes \textsum	y (B7) nce (B8) No No No No No No No No No No	☐ Water-S 4A, and 4E ☐ Salt Cr ☐ Aquation ☐ Hydrog ☐ Oxidizes ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Depth (inched) Depth (inched)	Stained Lea Blained Redu Blained Red	ates (B13) Odor (C1) heres alon uced Iron (C ction in Till ed Plants (Remarks)	g Living Ro C4) led Soils (C D1)(LRR A	Secondary Second	Indary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)) Frost-Heave Hummocks (D7)

Project/Site: 475	C	ity/Coun	ty: King		Sampling Date: <u>5-14-2</u>	2024	
ant/Owner: <u>Kozak</u>				State: <u>WA</u>	Sampling Point: SP-4		
nvestigator(s): RB			Section, Tov	wnship, Range: <u>S11 - T</u>	「23 - R5		
andform (hillslope, terrace, etc.): terrace		Local rel	ief (concave, o	convex, none): concave	e Slope (%): <u>1</u>	
Subregion (LRR): A							
Soil Map Unit Name: <u>Belligham silt loam</u>							
Are climatic / hydrologic conditions on the site typical for this							
re Vegetation, Soil, or Hydrology sign	•		•	·	resent? Yes 🛛 No 🗌		
re Vegetation, Soil, or Hydrology nature Vegetation, Soil, or Hydrology nature				d, explain any answers			
SUMMARY OF FINDINGS – Attach site map	snowing s	sampiir	ng point io	cations, transect	s, important feature	es, etc.	
Hydrophytic Vegetation Present? Yes ⊠ No ☐		Is	the Sampled	d Area			
Hydric Soil Present? Yes No X		w	ithin a Wetlaı				
Wetland Hydrology Present? Yes ☐ No ☒ Remarks: Sample point taken in the northeastern portion		Jormal c	limatic condition	one present during site	evlations Wetland criteri	is not met	
Tremarks. Sample point taken in the northeastern portion	TOI THE SITE. IN	NOITHAI C	iimalic conditio	ons present during site	eviations. Wetland Chiena	a not met.	
/EGETATION – Use scientific names of plan	ts.						
	Absolute	Domina	ant Indicator	Dominance Test we	orksheet:		
Tree Stratum (Plot size: 30 ft)	% Cover	Specie	s? Status	Number of Dominan			
1. Populus balsamifera			FAC	That Are OBL, FAC	W, or FAC: 4	_ (A)	
2. <u>Salix scouleriana</u>			<u>FAC</u>	Total Number of Dor			
3				Species Across All S	Strata: <u>7</u>	(B)	
4				Percent of Dominant			
Sapling/Shrub Stratum (Plot size: 15 ft)	90	= lota	l Cover	That Are OBL, FAC	W, or FAC: <u>57</u>	_ (A/B)	
1. Rubus armeniacus	30	Υ	FAC	Prevalence Index w	vorksheet:		
2. Corylus cornuta			FACU	Total % Cover of	of: Multiply by:	<u>:</u>	
3. Rosa pisocarpa				OBL species	x 1 =		
4.				FACW species	x 2 =		
5				FAC species	x 3 =		
	90	= Tota	l Cover	FACU species	x 4 =		
Herb Stratum (Plot size: 5 ft)					x 5 =		
1. Polystichum munitum			<u>FACU</u>	Column Totals:	(A)	(B)	
2. Hedera helix				Provolence Inc	dex = B/A =		
3				Hydrophytic Veget		-	
4				Dominance Test			
5				☐ Prevalence Inde			
6				-	daptations¹ (Provide supp	oorting	
7			_		arks or on a separate she		
8	<u>65</u>		I Cover	☐ Problematic Hyd	drophytic Vegetation¹ (Exp	olain)	
Woody Vine Stratum (Plot size: 15 ft)	00	_ = 10la	Cover				
 \					soil and wetland hydrolog	gy must	
1. None				be present, unless d	disturbed or problematic.		
1. <u>None</u> 2			<u> </u>				
1. <u>None</u> 2			l Cover	Hydrophytic			
2		= Tota		Hydrophytic Vegetation	Yes ⊠ No □		

Depth	Matrix	%	<u></u>	Reder (moist)	ox Featur		1002	Touture	Damarka
(inches)	Color (moist)		<u>Colo</u>	r (moist)	%	Type ¹	Loc ²	<u>Texture</u>	Remarks
0-13	10YR 2/2	100			_			Silty loam	
13-18	10YR 2/2	<u>95</u>						Silty loam	
	10YR 4/6	5							concretions
18-20	10YR 4/2	80	10YI	R 4/4	10	C	M	Loam	prominent redox
	10YR 3/2	10							mixed matrix
					_				_
Hydric Soil ☐ Histosol ☐ Histic E	oipedon (A2)		all LRR	s, unless othe Sandy Redox (Stripped Matrix	erwise no S5) (S6)	ted.)		Indicato ☐ 2 cn ☐ Red	cation: PL=Pore Lining, M=Matrix. prs for Problematic Hydric Soils ³ : n Muck (A10) Parent Material (TF2)
☐ Depleted☐ Thick Da☐ Sandy M	istic (A3) en Sulfide (A4) d Below Dark Surfa ark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4))		Loamy Mucky I coamy Gleyed I cepleted Matrix Redox Dark Su Depleted Dark Redox Depress	Matrix (F2 (F3) Irface (F6 Surface (l	?)) F7)	MLRA 1))	☐ Othe 3Indicate wetla	or Shallow Dark Surface (TF12) or (Explain in Remarks ors of hydrophytic vegetation and and hydrology must be present, as disturbed or problematic.
Restrictive	Layer (if present)	i:							
Type:									
	nches):ydric soil criteria n							Hydric Soil	Present? Yes □ No ☑
Remarks: H	ydric soil criteria n	ot met.	_					Hydric Soil	Present? Yes □ No ☒
Remarks: H 'DROLOC Wetland Hy	ydric soil criteria n	ot met.	uired; che	eck all that app	oly)				ndary Indicators (2 or more required)
Remarks: H 'DROLO(Wetland Hy Primary Indi	ydric soil criteria n	ot met.	uired; che	eck all that app ☐ Water-St 4A, and 4B)	ained Lea	aves (B9) (except ML	Seco Se CO	ndary Indicators (2 or more required)
Primary Indi	ydric soil criteria no GY rdrology Indicator cators (minimum c	ot met.	uired; che	☐ Water-St	ained Lea	aves (B9) (except ML	Seco _RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 ,
Primary Indi Surfac High W	ydric soil criteria no GY rdrology Indicator cators (minimum o e Water (A1) Vater Table (A2) tion (A3)	ot met.	uired; cha	☐ Water-St 4A, and 4B) ☐ Salt Crus	ained Lea st (B11) Invertebra	ates (B13)		Seco RA 1, 2, 44	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, a, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary Indi Surfac High W Satura Water	ydric soil criteria no drology Indicator cators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1)	ot met.	uired; che	☐ Water-St 4A, and 4B) ☐ Salt Crus ☐ Aquatic ☐ Hydroge	ained Lea st (B11) Invertebra n Sulfide	ates (B13) Odor (C1)		Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, a, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (
TDROLOC Wetland Hy Primary Indi Surfac High W Satura Water Sedim	ydric soil criteria no drology Indicator cators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	ot met.	uired; che	☐ Water-St 4A, and 4B) ☐ Salt Cru: ☐ Aquatic ☐ Hydroge ☐ Oxidized	ained Lea st (B11) Invertebra n Sulfide I Rhizospl	ates (B13) Odor (C1) heres alon	g Living Ro	Seco_RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, a, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (
TDROLOC Wetland Hy Primary Indi Surfac High W Satura Water Sedime	ydric soil criteria no drology Indicator cators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	ot met.	uired; che	Water-St 4A, and 4B) Salt Crus Aquatic Hydroge Oxidized Presence	ained Lea st (B11) Invertebra n Sulfide I Rhizospl e of Redu	ates (B13) Odor (C1) heres alon	g Living Ro	Seco _RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3)
**Primary Indi Brimary Indi Surfact High W Satura Water Sediment Algal M	rdrology Indicator cators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	ot met.	uired; che	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc	ained Lea st (B11) Invertebra n Sulfide I Rhizospl e of Redu ron Redu	ates (B13) Odor (C1) heres alon iced Iron (i	g Living Ro C4) led Soils (0	Seco -RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indi Surfac High W Satura Water Sedim Algal M	ydric soil criteria no drology Indicator cators (minimum control e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	ot met. rs: of one requ	uired; che	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted	ained Lea st (B11) Invertebra n Sulfide I Rhizospl e of Redu ron Redu or Stresse	ates (B13) Odor (C1) heres alon iced Iron (iction in Til	g Living Ro	Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Primary Indi Surfac High W Satura Water Sedim Drift De Algal M Iron De	rdrology Indicator cators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6)	rs: of one requ		Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted	ained Lea st (B11) Invertebra n Sulfide I Rhizospl e of Redu ron Redu or Stresse	ates (B13) Odor (C1) heres alon iced Iron (i	g Living Ro C4) led Soils (0	Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
TDROLOG Wetland Hy Primary Indi Surfac High W Satura Water Sedime Sedime Inon De Surfac	ydric soil criteria north of the property of t	rs: of one required in the requirement of the requi	y (B7)	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted	ained Lea st (B11) Invertebra n Sulfide I Rhizospl e of Redu ron Redu or Stresse	ates (B13) Odor (C1) heres alon iced Iron (iction in Til	g Living Ro C4) led Soils (0	Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Primary Indi Surfac High W Satura Water Sedim Drift D Algal N Iron De Surfac	ydric soil criteria no drology Indicator cators (minimum control e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aerical	rs: of one required in the requirement of the requi	y (B7)	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted	ained Lea st (B11) Invertebra n Sulfide I Rhizospl e of Redu ron Redu or Stresse	ates (B13) Odor (C1) heres alon iced Iron (iction in Til	g Living Ro C4) led Soils (0	Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Primary Indi Surfac High W Satura Water Sedim Drift De Surfac Iron De Surfac	ydric soil criteria north of the property of t	rs: of one required limager	y (B7) ice (B8)	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted Other (E	ained Lea st (B11) Invertebra in Sulfide I Rhizospl e of Redu ron Redu or Stresse xplain in I	ates (B13) Odor (C1) heres alon aced Iron (I ction in Til ed Plants (Remarks)	g Living Ro C4) led Soils (0	Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Primary Indi Surface High W Satura Water Sedim Surface Inundat Sparse Field Obsel	rdrology Indicator cators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aeri ly Vegetated Concervations: ter Present?	rs: of one required al Imager cave Surfa	y (B7) ice (B8)	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted Other (E	ained Lea st (B11) Invertebra in Sulfide I Rhizospl e of Redu ron Redu or Stresse explain in I	ates (B13) Odor (C1) heres alon iced Iron (i ction in Til ed Plants (Remarks)	g Living Ro C4) led Soils (0	Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Primary Indi Surfac High W Satura Water Sedim Drift De Surfac Iron De Surfac	rydric soil criteria normalization (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aeri ly Vegetated Concretions: ter Present?	rs: of one required limager	y (B7) ice (B8)	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted Other (E	ained Lea st (B11) Invertebra in Sulfide I Rhizospl e of Redu ron Redu or Stressa xplain in I	ates (B13) Odor (C1) heres alon iced Iron (i ction in Til ed Plants (Remarks)	g Living Ro C4) led Soils (0 D1)(LRR A	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, a, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Primary Indi Surface High W Satura Water Sedime Surface Inundat Sparse Field Obset Surface Wa' Water Table Saturation F (includes ca	rydric soil criteria normalization (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aeri ly Vegetated Concretions: ter Present?	rs: of one required and limager cave Surfar Yes Yes Yes Yes Yes Yes	y (B7) Ice (B8) No ⊠ No ⊠ No ⊠	Water-St 4A, and 4B) Salt Crue Aquatic Hydroge Oxidized Presenc Recent I Stunted Other (E	ained Lea st (B11) Invertebra n Sulfide I Rhizospl e of Redu ron Redu or Stresse xplain in I	ates (B13) Odor (C1) heres alon iced Iron (i ction in Til ed Plants (i Remarks)	g Living Ro C4) led Soils (0 D1)(LRR /	Seco LRA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)) Frost-Heave Hummocks (D7)

roject/Site: 475	Cit	ty/Count	y: King		Sampling Date: 5-14-2024	<u> </u>
pplicant/Owner: <u>Kozak</u>				State: WA	Sampling Point: SP-3	
nvestigator(s): <u>RB</u>			Section, Tow	vnship, Range: <u>S11 - T</u>	23 - R5	
andform (hillslope, terrace, etc.): terrace	L	ocal relie	ef (concave, c	convex, none): concave	Slope (%): <u>0</u>	
ubregion (LRR): A	Lat: <u>47.490</u>	49		Long: -122.13491	Datum: NAD83	3
oil Map Unit Name: <u>Belligham silt loam</u>				NWI classific	cation: <u>none</u>	
re climatic / hydrologic conditions on the site typical for this	time of year?	Yes ⊠	No ☐ (If i	no, explain in Remarks	s.)	
re Vegetation, Soil, or Hydrology sign	ificantly distur	bed?	Are "Nor	mal Circumstances" pr	esent? Yes ⊠ No □	
re Vegetation, Soil, or Hydrology natu			(If needed	d, explain any answers	in Remarks.)	
SUMMARY OF FINDINGS – Attach site map s			•		•	etc
		<u> </u>	g point io	outiono, transcott	o, important routaroo,	010.
Hydrophytic Vegetation Present? Yes ⊠ No ☐ Hydric Soil Present? Yes ⊠ No ☐		Is	the Sampled	Area		
Wetland Hydrology Present? Yes ⊠ No □		wi	thin a Wetlar	nd? Yes ⊠	No ⊠	
Remarks: Sample point taken in the western portion of the	e adjacent pa	rcel to th	ne south at the	e edge of the drainage	ditch. Normal climatic conditi	ions
present during site evlations. Wetland criteria met.	, ,					
EGETATION – Use scientific names of plant	s.					
Trop Stratum (Plat size, 20 ft)			nt Indicator	Dominance Test wo	orksheet:	
Tree Stratum (Plot size: 30 ft)			s? Status	Number of Dominant That Are OBL, FACV		(\\)
1				That Are OBL, FACV	v, or PAC. <u>1</u>	(A)
2 3				Total Number of Dor Species Across All S		(D)
4				Species Across Air S	oliala. <u>I</u> ((B)
··-				Percent of Dominant That Are OBL, FACV		(
Sapling/Shrub Stratum (Plot size: 15 ft)			0010.	That Are OBL, FACV	v, or FAC. <u>100</u> ((A/D)
1				Prevalence Index w	orksheet:	
2				Total % Cover o	f: Multiply by:	_
3				OBL species	x 1 =	-
4					x 2 =	
5					x 3 =	_
Harb Charture (Dist sizes 5 ft)		= Total	Cover		x 4 =	
Herb Stratum (Plot size: <u>5 ft</u>)	100	V	EA C) A /		x 5 =	
1. Phalaris arundinacea	100			Column Totals:	(A)	_ (B)
2				Prevalence Ind	lex = B/A =	
3				Hydrophytic Vegeta		
4				□ Dominance Test □ Dominance Test		
5				☐ Prevalence Index		
6				—	daptations¹ (Provide supporti	ina
7					arks or on a separate sheet)	5
8	100		Cover	☐ Problematic Hyd	rophytic Vegetation¹ (Explain	1)
Woody Vine Stratum (Plot size: 15 ft)	100	- Total	Covei			
1. None					soil and wetland hydrology m	nust
2				be present, unless d	isturbed or problematic.	
		= Total	Cover	Hydrophytic		
				Vegetation		
% Bare Ground in Herb Stratum % Cov	er of Biotic C	ruot		Present?	Yes ⊠ No 🗌	

(inches)	Color (moist)	%	Colo	r (moist)	%	Type ¹	Loc ²	Texture	Remarks
)-12	10YR 3/2	100						Loam	some organic content
12-20	Gley1 5/10GY	70	<u>10YI</u>	R 4/6	20	<u>C</u>	M	SandyClay	prominent redox
			10YI	R 5/1	10	D	М		
	•								
							- 1010	21	antique Di Dana Linin e M Matrix
	Concentration, D=E Indicators: (App						ed Sand Gi		cation: PL=Pore Lining, M=Matrix. ors for Problematic Hydric Soils ³ :
☐ Histosol		11000010 10		Sandy Redox		,,,			n Muck (A10)
	pipedon (A2)			Stripped Matr					Parent Material (TF2)
☐ Black H			□ I	_oamy Mucky	Mineral (F	1 (except	MLRA 1))	☐ Ven	y Shallow Dark Surface (TF12)
	en Sulfide (A4)			oamy Gleyed	•	2)		☐ Othe	er (Explain in Remarks
•	d Below Dark Surf	ace (A11)		epleted Matr					
	ark Surface (A12)			Redox Dark S	•	•		31 11 1	
-	Mucky Mineral (S1) Gleyed Matrix (S4)			Depleted Darl Redox Depres	,	,			ors of hydrophytic vegetation and and hydrology must be present,
	sieyed Matrix (54)		<u></u> П	Redox Depres	ssions (Fo)	1			ss disturbed or problematic.
Restrictive	Layer (if present):							'
Depth (ir Remarks: H	nches): lydric soil criteria n							Hydric Soi	I Present? Yes ⊠ No □
Depth (ir Remarks: H	lydric soil criteria n	net.						Hydric Soi	I Present? Yes ⊠ No □
Depth (ir Remarks: H	ydric soil criteria n GY /drology Indicato	net.		ack all that an	only)				
Depth (in Remarks: H	ydric soil criteria n GY /drology Indicato	net.				aves (RQ) (ovcent MI	Seco	ndary Indicators (2 or more required)
Depth (in Remarks: H	ydric soil criteria n GY /drology Indicato	net.		eck all that ap ☐ Water-S 4A , and 4 E	Stained Lea	aves (B9) (except ML	Seco	ndary Indicators (2 or more required)
Depth (in Remarks: H	ydric soil criteria n GY /drology Indicato	net.		☐ Water-S	Stained Lea 3)	aves (B9) (except ML	Seco	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10)
Depth (in Remarks: H	GY //drology Indicato icators (minimum of the Water (A1) Vater Table (A2)	net.		☐ Water-S 4A, and 4E	Stained Lea 3) ust (B11)		except ML	Seco	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B))
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surfac High V	GY //drology Indicato icators (minimum of the Water (A1) Vater Table (A2)	net.		☐ Water-S 4A, and 4E ☐ Salt Cr	Stained Lea 3) ust (B11) c Invertebra	ates (B13)	except ML	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surfact High V Satura Water Sedim	ydric soil criteria n ydrology Indicato icators (minimum of the Water (A1) Vater Table (A2) ation (A3) Marks (B1) ent Deposits (B2)	net.		☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatic ☑ Hydrog ☐ Oxidize	Stained Leas 3) ust (B11) c Invertebrate en Sulfide ed Rhizosp	ates (B13) Odor (C1) heres alon	g Living Ro	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2)
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D	ydric soil criteria n drology Indicato icators (minimum o e Water (A1) Vater Table (A2) ition (A3) Marks (B1) ent Deposits (B2) eposits (B3)	net.		☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatic ☐ Hydrog ☐ Oxidize ☐ Presen	Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu	ates (B13) Odor (C1) heres alon iced Iron (0	g Living Ro	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3)
Depth (in Remarks: H	ydric soil criteria n drology Indicato icators (minimum o e Water (A1) Vater Table (A2) ition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	net.		☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent	Stained Lea B) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu	ates (B13) Odor (C1) heres alon iced Iron (ction in Til	g Living Ro C4) led Soils (C	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (ir Remarks: H DROLOG Vetland Hy Surface High V Satura Water Sedim Drift D Algal N Iron De	ydric soil criteria n drology Indicato icators (minimum of the Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	rs: of one req		☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted	Stained Lea B) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu d or Stress	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal N Iron Do	ydric soil criteria no hydric soil criteria no hydrology Indicator (drology Indicator (e Water (A1)) Vater Table (A2) Ation (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ee Soil Cracks (B6)	rs: of one req	uired; che	☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent	Stained Lea B) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu d or Stress	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro C4) led Soils (C	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 4, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Depth (ir Remarks: H DROLOG Vetland Hy Primary Indi Surfact High V Satura U Water Sedim Drift D Algal N Iron Do Surfact Unundat Sparse	ydric soil criteria no hydric soil criteria no hydrology Indicator (actors (minimum of the Water (A1)) Vater Table (A2) Antion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ee Soil Cracks (B6) tion Visible on Aerolly Vegetated Concorvations:	rs: of one required limager	y (B7) ce (B8)	☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Stained Lea 3) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu d or Stress Explain in	ates (B13) Odor (C1) heres alon uced Iron (cution in Till ed Plants (g Living Ro C4) led Soils (C	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal N Iron De Surface Inunda Sparse Field Obsel	ydric soil criteria no hydric soil criteria no hydrology Indicator icators (minimum of the Water (A1) Vater Table (A2) Ation (A3) Marks (B1) And Deposits (B2) And or Crust (B4) And or Crust (B4) And or Crust (B5) And or Crust (B6) And or Crust (rs: of one req ial Imager cave Surfa	y (B7) ce (B8)	☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Stained Lea B) ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu d or Stress Explain in	ates (B13) Odor (C1) heres alon uced Iron (C ction in Till ed Plants (Remarks)	g Living Ro C4) led Soils (C	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
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Depth (ir Remarks: H DROLOG Wetland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal N Iron Do Surface Inunda Sparse Field Obset Saturation F	ydric soil criteria no de Vicators (minimum de Vater (A1) Vater Table (A2) Ation (A3) Marks (B1) And to Crust (B4) And to Crust (B4) And to Crust (B5) And to Crust (B5) And to Crust (B6) And	rs: of one req ial Imager cave Surfa	y (B7) ce (B8)	☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Stained Lea By ust (B11) c Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu d or Stress Explain in es): 1 es): at surf	ates (B13) Odor (C1) heres alon iced Iron (i ction in Till ed Plants (Remarks)	g Living Ro C4) ed Soils (C D1)(LRR A	Seco RA 1, 2,	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (in Remarks: H	ydric soil criteria no de Vater Table (A2) atton (A3) Marks (B1) ent Deposits (B2) eposits (B3) wat or Crust (B4) eposits (B5) are Soil Cracks (B6) atton Visible on Aer ally Vegetated Concervations:	rs: of one required in the second in the sec	y (B7) ce (B8) No No No No No No No No No No	☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Depth (inch	Stained Lea By ust (B11) Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu d or Stress Explain in es): 1 es): at surfices): at surfices): at surfices	ates (B13) Odor (C1) heres alon uced Iron (C ction in Till ed Plants (Remarks)	g Living Ro C4) led Soils (C D1)(LRR A	Seco RA 1, 2, oots (C3) c6) and Hydrolog	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)) Frost-Heave Hummocks (D7)
Depth (in Remarks: H	ydric soil criteria no hydric soil criteria no hydrology Indicator icators (minimum of the Water (A1) Vater Table (A2) Ation (A3) Marks (B1) And to Crust (B4) And to Crust (B4) And to Crust (B5) And to Crust (B5) And to Crust (B6) And to Crust (rs: of one required in the second in the sec	y (B7) ce (B8) No No No No No No No No No No	☐ Water-S 4A, and 4E ☐ Salt Cri ☐ Aquatio ☐ Hydrog ☐ Oxidize ☐ Presen ☐ Recent ☐ Stunted ☐ Other (Depth (inch	Stained Lea By ust (B11) Invertebra en Sulfide ed Rhizosp ce of Redu Iron Redu d or Stress Explain in es): 1 es): at surfices): at surfices): at surfices	ates (B13) Odor (C1) heres alon uced Iron (C ction in Till ed Plants (Remarks)	g Living Ro C4) led Soils (C D1)(LRR A	Seco RA 1, 2, oots (C3) c6) and Hydrolog	ndary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)) Frost-Heave Hummocks (D7)

Project/Site: <u>475</u>	C	ity/Cou	nty: King Count	у	Sampling Date:3-19-2025
Applicant/Owner: <u>Kozak</u>				State: WA	Sampling Point: SP-4
nvestigator(s): KM			_ Section, Tov	nship, Range: <u>S11 - T2</u>	23 - R5
_andform (hillslope, terrace, etc.): terrace	1	Local re	elief (concave, o	convex, none): None	Slope (%): <u>1</u>
Subregion (LRR): A					
Soil Map Unit Name: <u>Belligham silt loam</u>					
are climatic / hydrologic conditions on the site typical for this					
re Vegetation, Soil, or Hydrology signif	•		•	•	, esent? Yes ⊠ No □
re Vegetation, Soil, or Hydrology natura				d, explain any answers i	
SUMMARY OF FINDINGS – Attach site map s	nowing s	sampii	ing point io	cations, transects	s, important features, etc.
Hydrophytic Vegetation Present? Yes ⊠ No □		1	s the Sampled	Area	
Hydric Soil Present? Yes ☐ No ☐		v	within a Wetlar	nd? Yes 🗌	No ⊠
Wetland Hydrology Present? Yes ☐ No ☒ Remarks: Sample point taken adjacent to Wetland A in the	northeaste	rn norti	on of the Site I	Normal climatic condition	ne present during site evlations
Wetland criteria not met.	Tiortifeaste	in porti	on or the oile. I	Normal climatic conditio	ns present during site eviations.
/EGETATION – Use scientific names of plants	 S.				
	Absolute	Domir	nant Indicator	Dominance Test wo	rksheet:
Tree Stratum (Plot size: 30 ft)	% Cover	Speci	es? Status	Number of Dominant	
1. Populus trichocarpa			<u>FAC</u>	That Are OBL, FACW	/, or FAC: <u>3</u> (A)
2. Alnus rubra				Total Number of Dom	
3				Species Across All St	rata: <u>4</u> (B)
4				Percent of Dominant	
Sapling/Shrub Stratum (Plot size: 15 ft)	90	_ = lot	al Cover	That Are OBL, FACW	/, or FAC: <u>75%</u> (A/B)
1. Crataegus monogyna	10	N	FAC	Prevalence Index wo	orksheet:
2. Rubus bifrons			FAC	Total % Cover of	: Multiply by:
3. Ilex aquifolium				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
	100	= Tota	al Cover	FACU species	x 4 =
Herb Stratum (Plot size: 5 ft)				UPL species	x 5 =
1. <u>None</u>				Column Totals:	(A) (B)
2				Dunivalanaa luuda	- D/A -
3					ex = B/A =
4				Hydrophytic Vegeta	
5				☐ Dominance Test i	
6				☐ Prevalence Index	
7			<u> </u>		aptations ¹ (Provide supporting rks or on a separate sheet)
8					ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size: 15 ft)	0	= Tota	al Cover		
`				¹ Indicators of hydric s	oil and wetland hydrology must
1. <u>None</u> 2					sturbed or problematic.
2.	0	= Tot:	al Cover	Hydrophytic	
				Vegetation	
	er of Biotic (Crust <u>0</u>		Present? Y	'es ⊠ No 🗌
Remarks: Hydrophytic vegetation criteria met.					

4A, and 4B) 4A, and 4B) ☐ High Water Table (A2) ☐ Salt Crust (B11) ☐ Drainage Patterns (B10) ☐ Saturation (A3) ☐ Aquatic Invertebrates (B13) ☐ Dry-Season Water Table (C2)	Depth Mat				dox Feature		12	Ta	Damadra
10YR 4/2	· · · · · · · · · · · · · · · · · · ·					Type		-	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Location: PL=Pore Lining, M=Matrix, Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	<u>0-16 10YR 3/2</u>	100	<u>10YR</u>	3/4	2		<u>M</u>	SLo	Concretions (non-redoximorphic)
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. *Location: PL=Pore Lining, M=Matrix. PHydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*: Histosci (A1) Sandy Redox (S5) 2 cm Muck (A10) Red Parent Material (TF2) Histosci (A1) Shirpped Matrix (S6) Red Parent Material (TF2) Histosci (A1) Depleted Dealew Dark Surface (A11) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Dark Surface (A11) Depleted Matrix (F2) Redox Dark Surface (F7) Redox Dark Surface (F8) Redox Dark Surface (F7) Redox Dark Surfa	<u>16+</u> <u>10YR 4/3</u>	60						SLo	Mixed matrix
Hydric Soil Indicators: (Applicable to all LRsts, unless otherwise noted.) Indicators for Problematic Hydric Soils*: Histots (A1)	10YR 4/2	40						SLo	Mixed matrix
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histos Epipedon (A2)									
Histosol (A1)							ed Sand G		9:
Histic Epipedon (A2)		ppiicable to				ea.)			
Black Histic (A3)	` ,								, ,
Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Planticators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present):						1 (except	MLRA 1))		• • •
Thick Dark Surface (A12)	, ,						,,		
Gandy Mucky Mineral (S1) Depleted Dark Surface (F7) 3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No ☑ Remarks: Though some concretions are present, these features have distinct boundaries and are non-redoximorphic in nature. Hydric soil criteria met. (PROLOGY Wettand Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more required) Sufface Water (A1) 4A, and 4B) 4A, and 4B) High Water Table (A2) Salt Crust (B11) Drainage Patterns (B10) Saturation (A3) Aquatic Invertebrates (B13) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imagery Bediment Deposits (B2) Oxidized Rhizospheres along Living Roots (C3) Geomorphic Position (D2) Drift Deposits (B3) Presence of Reduced Iron (C4) Shallow Aquitard (D3) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5) Drift Deposits (B5) Stunded or Stressed Plants (D1)(LRR A) <td< td=""><td>-</td><td>, ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	-	, ,							
Sandy Gleyed Matrix (S4)		,			, ,			31 11	
Restrictive Layer (if present):		•		•	,	.7)			, , ,
Type:		4)		dox Depres	SSIULIS (FO)				
Depth (inches):	Restrictive Layer (if prese	nt):							·
Remarks: Though some concretions are present, these features have distinct boundaries and are non-redoximorphic in nature. Hydric soil criteria met. YDROLOGY	Туре:								
Metland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more required) Surface Water (A1)	Depth (inches):							Hydric S	oil Present? Yes □ No ⊠
Surface Water (A1)									
Surface Water (A1)		tors:							
□ Saturation (A3) □ Aquatic Invertebrates (B13) □ Dry-Season Water Table (C2) □ Water Marks (B1) □ Hydrogen Sulfide Odor (C1) □ Saturation Visible on Aerial Imager □ Sediment Deposits (B2) □ Oxidized Rhizospheres along Living Roots (C3) □ Geomorphic Position (D2) □ Drift Deposits (B3) □ Presence of Reduced Iron (C4) □ Shallow Aquitard (D3) □ Algal Mat or Crust (B4) □ Recent Iron Reduction in Tilled Soils (C6) □ FAC-Neutral Test (D5) □ Iron Deposits (B5) □ Stunted or Stressed Plants (D1)(LRR A) □ Raised Ant Mounds (D6(LRR A) □ Surface Soil Cracks (B6) □ Other (Explain in Remarks) □ Frost-Heave Hummocks (D7) □ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes □ No □ Depth (inches): 16 Saturation Present? Yes □ No □ Depth (inches): 15 Wetland Hydrology Present? Yes □ No □ N	Wetland Hydrology Indica		uired; chec	k all that ap	ply)			Se	condary Indicators (2 or more required)
Water Marks (B1) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imager (D2) Sediment Deposits (B2) Oxidized Rhizospheres along Living Roots (C3) Geomorphic Position (D2) Drift Deposits (B3) Presence of Reduced Iron (C4) Shallow Aquitard (D3) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5) Iron Deposits (B5) Stunted or Stressed Plants (D1)(LRR A) Raised Ant Mounds (D6(LRR A) Surface Soil Cracks (B6) Other (Explain in Remarks) Frost-Heave Hummocks (D7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Depth (inches):	Wetland Hydrology Indica Primary Indicators (minimun		uired; chec	☐ Water-S	tained Leav	ves (B9) (except ML	.RA 1, 2,	☐ Water Stained Leaves (B9) (MLRA 1,
Sediment Deposits (B2) □ Oxidized Rhizospheres along Living Roots (C3) □ Geomorphic Position (D2) □ Drift Deposits (B3) □ Presence of Reduced Iron (C4) □ Shallow Aquitard (D3) □ Algal Mat or Crust (B4) □ Recent Iron Reduction in Tilled Soils (C6) □ FAC-Neutral Test (D5) □ Iron Deposits (B5) □ Stunted or Stressed Plants (D1)(LRR A) □ Raised Ant Mounds (D6(LRR A)) □ Surface Soil Cracks (B6) □ Other (Explain in Remarks) □ Frost-Heave Hummocks (D7) □ Inundation Visible on Aerial Imagery (B7) □ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes □ No □ Depth (inches): □ Saturation Present? Yes □ No □ Depth (inches): 15	Wetland Hydrology Indica Primary Indicators (minimun Surface Water (A1) High Water Table (A2)	n of one requ	uired; chec	☐ Water-S 4A, and 4B ☐ Salt Cru	stained Leav B) ust (B11)		except ML	RA 1, 2,	☐ Water Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)) ☐ Drainage Patterns (B10)
□ Drift Deposits (B3) □ Presence of Reduced Iron (C4) □ Shallow Aquitard (D3) □ Algal Mat or Crust (B4) □ Recent Iron Reduction in Tilled Soils (C6) □ FAC-Neutral Test (D5) □ Iron Deposits (B5) □ Stunted or Stressed Plants (D1)(LRR A) □ Raised Ant Mounds (D6(LRR A) □ Surface Soil Cracks (B6) □ Other (Explain in Remarks) □ Frost-Heave Hummocks (D7) □ Inundation Visible on Aerial Imagery (B7) □ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes □ No □ Depth (inches): □ Water Table Present? Yes □ No □ Depth (inches): 16 □ Saturation Present? Yes □ No □ Depth (inches): 15 □ Wetland Hydrology Present? Yes □ No □ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Wetland Hydrology Indica Primary Indicators (minimun Surface Water (A1) High Water Table (A2) Saturation (A3)	n of one requ	uired; chec	☐ Water-S 4A, and 4B ☐ Salt Cru ☐ Aquation	stained Leav 3) ust (B11) : Invertebrat	tes (B13)	except ML	.RA 1, 2,	 □ Water Stained Leaves (B9) (MLRA 1, 24A, and 4B)) □ Drainage Patterns (B10) □ Dry-Season Water Table (C2)
☐ Algal Mat or Crust (B4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ FAC-Neutral Test (D5) ☐ Iron Deposits (B5) ☐ Stunted or Stressed Plants (D1)(LRR A) ☐ Raised Ant Mounds (D6(LRR A)) ☐ Surface Soil Cracks (B6) ☐ Other (Explain in Remarks) ☐ Frost-Heave Hummocks (D7) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes ☐ No ☐ Depth (inches): ☐ Saturation Present? Yes ☐ No ☐ Depth (inches): 16 ☐ Saturation Present? Yes ☐ No ☐ Depth (inches): 15 ☐ Wetland Hydrology Present? Yes ☐ No ☐ No ☐ Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Wetland Hydrology Indica Primary Indicators (minimun Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	n of one requ	uired; chec	☐ Water-S 4A, and 4B ☐ Salt Cru ☐ Aquatic ☐ Hydrog	stained Leav B) ust (B11) Invertebrat en Sulfide (tes (B13) Odor (C1)		RA 1, 2,	 □ Water Stained Leaves (B9) (MLRA 1, 4A, and 4B)) □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (Canada and Canada and Cana
☐ Iron Deposits (B5) ☐ Stunted or Stressed Plants (D1)(LRR A) ☐ Raised Ant Mounds (D6(LRR A)) ☐ Surface Soil Cracks (B6) ☐ Other (Explain in Remarks) ☐ Frost-Heave Hummocks (D7) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes ☐ No ☐ Depth (inches): ☐ Water Table Present? Yes ☐ No ☐ Depth (inches): 16 ☐ Saturation Present? Yes ☐ No ☐ Depth (inches): 15 ☐ Wetland Hydrology Present? Yes ☐ No ☐ Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Wetland Hydrology Indica Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	n of one requ	uired; chec	☐ Water-S 4A, and 4B ☐ Salt Cru ☐ Aquatic ☐ Hydrog ☐ Oxidize	itained Leav i) ust (B11) Invertebrat en Sulfide (d Rhizosph	tes (B13) Odor (C1) eres alon	g Living Ro	Poots (C3)	□ Water Stained Leaves (B9) (MLRA 1, 4A, and 4B)) □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C1) □ Geomorphic Position (D2)
□ Surface Soil Cracks (B6) □ Other (Explain in Remarks) □ Frost-Heave Hummocks (D7) □ Inundation Visible on Aerial Imagery (B7) □ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes □ No □ Depth (inches): □ Water Table Present? Yes □ No □ Depth (inches): 16 Saturation Present? Yes □ No □ Depth (inches): 15 (includes capillary fringe) Wetland Hydrology Present? Yes □ No □ Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Wetland Hydrology Indica Primary Indicators (minimun Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	n of one requ	uired; chec	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present	stained Leaves) ust (B11) Invertebraten Sulfide (d Rhizosph	tes (B13) Odor (C1) eres alon ced Iron (C	g Living Ro	oots (C3)	□ Water Stained Leaves (B9) (MLRA 1, 4A, and 4B)) □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C1) □ Geomorphic Position (D2) □ Shallow Aquitard (D3)
☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes ☐ No ☐ Depth (inches):	Wetland Hydrology Indica Primary Indicators (minimun Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4)	n of one requ	uired; chec	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Recent	stained Leav stained Leav ust (B11) Invertebrate en Sulfide (d Rhizosphate ce of Reduction Reduction	tes (B13) Odor (C1) eres alon ced Iron (C	g Living Ro C4) ed Soils (C	Octs (C3)	 Water Stained Leaves (B9) (MLRA 1, 24A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
□ Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes □ No □ Depth (inches): □ Water Table Present? Yes □ No □ Depth (inches): 16 □ Saturation Present? Yes □ No □ Depth (inches): 15 □ Wetland Hydrology Present? Yes □ No □ Cincludes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Wetland Hydrology Indica Primary Indicators (minimun Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	n of one requ	uired; chec	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Recent Stunted	stained Leaves stained Leaves ust (B11) Invertebrate en Sulfide (d Rhizosph ce of Reduct Iron Reduct of or Stresse	tes (B13) Odor (C1) eres alon ced Iron (0 tion in Till d Plants (g Living Ro C4) ed Soils (C	December 2, 2, 2, 2, 2, 3, 4, 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	Water Stained Leaves (B9) (MLRA 1, 4A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): 16 Saturation Present? Yes No Depth (inches): 15 Wetland Hydrology Present? Yes No Depth (inches): 15 Saturation Present? Yes No Depth (inches): 15 Saturation Present? Yes No Depth (inches): 15 Saturation Present? Yes No Saturation Present? Yes Saturation Present? Yes No Saturation Present? Yes Saturation Pre	Wetland Hydrology Indica Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B	n of one requ		Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Recent Stunted	stained Leaves stained Leaves ust (B11) Invertebrate en Sulfide (d Rhizosph ce of Reduct Iron Reduct of or Stresse	tes (B13) Odor (C1) eres alon ced Iron (0 tion in Till d Plants (g Living Ro C4) ed Soils (C	December 2, 2, 2, 2, 2, 3, 4, 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	Water Stained Leaves (B9) (MLRA 1, 24A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A))
Water Table Present? Yes ☑ No ☐ Depth (inches): 16	Wetland Hydrology Indica Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B1)	n of one request	y (B7)	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Recent Stunted	stained Leaves stained Leaves ust (B11) Invertebrate en Sulfide (d Rhizosph ce of Reduct Iron Reduct of or Stresse	tes (B13) Odor (C1) eres alon ced Iron (0 tion in Till d Plants (g Living Ro C4) ed Soils (C	December 2, 2, 2, 2, 2, 3, 4, 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	Water Stained Leaves (B9) (MLRA 1, 4A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Saturation Present? Yes No Depth (inches): 15 Wetland Hydrology Present? Yes No Secrible Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Wetland Hydrology Indica Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B1) Inundation Visible on A1 Sparsely Vegetated Co	n of one request	y (B7)	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Recent Stunted	stained Leaves stained Leaves ust (B11) Invertebrate en Sulfide (d Rhizosph ce of Reduct Iron Reduct of or Stresse	tes (B13) Odor (C1) eres alon ced Iron (0 tion in Till d Plants (g Living Ro C4) ed Soils (C	December 2, 2, 2, 2, 2, 3, 3, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	Water Stained Leaves (B9) (MLRA 1, 24A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A))
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Wetland Hydrology Indica Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B Inundation Visible on A Sparsely Vegetated Co	n of one required 2) 36) Lerial Imager oncave Surfa	y (B7) ice (B8)	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Recent Stunted Other (I	stained Leaves stained Leaves ust (B11) Invertebrat en Sulfide (d Rhizosph ce of Reduct Iron Reduct I or Stresse Explain in R	tes (B13) Odor (C1) eres alon ced Iron (0 tion in Till d Plants (g Living Ro C4) ed Soils (C	December 2, 2, 2, 2, 2, 3, 3, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	Water Stained Leaves (B9) (MLRA 1, 24A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A))
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Remarks: Saturation and high water table are not within the first 12 inches of the soil profile. Wotland hydrology criteria not mot	Wetland Hydrology Indica Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B1) Inundation Visible on A1 Sparsely Vegetated Coffield Observations: Surface Water Present? Water Table Present?	n of one required 2) 36) derial Imager oncave Surfar Yes □ Yes ⊠	y (B7) ice (B8) No ⊠ No □	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Stunted Other (I	stained Leaves Just (B11) Invertebrate en Sulfide (and Rhizosphace of Reduction Reduction Reduction Stresse Explain in Faces): Les): 16	tes (B13) Odor (C1) eres alon ced Iron (0 tion in Till d Plants (g Living Ro C4) ed Soils (C D1)(LRR A	Doots (C3)	Water Stained Leaves (B9) (MLRA 1, 24A, and 4B)) □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C1) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5) □ Raised Ant Mounds (D6(LRR A)) □ Frost-Heave Hummocks (D7)
Demans, Saturation and fight water table are not within the first 12 inches of the soil bronne. Welland hydrology chiena not mer	Wetland Hydrology Indica Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B1) Sparsely Vegetated Confield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	n of one required one of one required one of one required one of	y (B7) ce (B8) No ⊠ No □ No □	Water-S 4A, and 4B Salt Cru Aquatic Hydrog Oxidize Present Stunted Other (I	stained Leaves Just (B11) Invertebrate en Sulfide (and Rhizosphace of Reduction Reduction Reduction Stresse Explain in Frances):	tes (B13) Odor (C1) eres alon ced Iron (C tion in Till d Plants (Remarks)	g Living Ro C4) ed Soils (0 D1)(LRR A	Doots (C3) C6) A)	Water Stained Leaves (B9) (MLRA 1, 24A, and 4B)) □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C1) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5) □ Raised Ant Mounds (D6(LRR A)) □ Frost-Heave Hummocks (D7)

Project/Site: <u>475</u>	C	City/County: Kinc	g County		Sampling Date: <u>3-</u> 1	19-2025
Applicant/Owner: <u>Kozak</u>				State: WA	Sampling Point: <u>S</u>	P-5
nvestigator(s): <u>KM</u>		Section	on, Towns	ship, Range: <u>S11 - T</u>	23 - R5	
_andform (hillslope, terrace, etc.): <u>terrace</u>		Local relief (con	ncave, cor	nvex, none): None	Slope	e (%): <u>1</u>
Subregion (LRR): <u>A</u>						
Soil Map Unit Name: <u>Belligham silt loam</u>						
Are climatic / hydrologic conditions on the site typical						
Are Vegetation, Soil, or Hydrology	-		•	•	resent? Yes⊠ No	П
re Vegetation, Soil, or Hydrology				explain any answers		
SUMMARY OF FINDINGS – Attach site r	nap snowing s	sampling po	oint ioca	itions, transect	s, important real	ures, etc.
Hydrophytic Vegetation Present? Yes ⊠		Is the Sa	ampled A	rea		
Hydric Soil Present? Yes		within a	Wetland	? Yes 🗌	No ⊠	
Wetland Hydrology Present? Yes Remarks: Sample point taken adjacent to a previous		om a County rev	viewer No	rmal climatic condition	ons present during sit	e evlations
Wetland criteria not met.	asiy sampled pit no	in a County levi	newer. No	imai ciinatic conditi	ons present during sit	e eviations.
/EGETATION – Use scientific names of	plants.					
	Absolute	Dominant Ind	dicator I	Dominance Test wo	orksheet:	
Tree Stratum (Plot size: 30 ft)	<u></u>	Species? St		Number of Dominant		
1. Populus trichocarpa		<u>Y</u> <u>FA</u>		That Are OBL, FACV	<i>N</i> , or FAC: <u>3</u>	(A)
2. <u>Salix scouleriana</u>				Total Number of Dor		
3				Species Across All S	Strata: <u>4</u>	(B)
4				Percent of Dominant		
Sapling/Shrub Stratum (Plot size: 15 ft)	60	_ = Total Cover	r -	That Are OBL, FACV	<i>N</i> , or FAC: <u>75%</u>	(A/B)
1. Rubus bifrons	80	Y FAC	.c T	Prevalence Index w	vorksheet:	
2. Rubus laciniatus		Y FAC		Total % Cover o	of: Multiply	/ by:
3.				OBL species	x 1 =	
4			1	FACW species	x 2 =	
5				FAC species	x 3 =	
	<u>100</u>	_ = Total Cover	r l	FACU species	x 4 =	
Herb Stratum (Plot size: 5 ft)					x 5 =	
1. None				Column Totals:	(A)	(B)
2				Prevalence Ind	dex = B/A =	
3				Hydrophytic Vegeta		
4				□ Dominance Test □ Dominance Test		
5 6				☐ Prevalence Inde		
7				 ☐ Morphological Ac	daptations¹ (Provide s	supporting
8					arks or on a separate	
S		= Total Cover	r	☐ Problematic Hyd	Irophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size: 15 ft)						
1. None		- — —			soil and wetland hydr listurbed or problemat	
2				•		IC.
	0	_ = Total Cover		Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 100	% Cover of Biotic	Crust 0	_		Yes ⊠ No □	
Remarks: Hydrophytic vegetation criteria met.			<u> </u>			
Remarks: Hydrophytic vegetation criteria met.						

Depth (inches)	Color (moist)	<u></u> %	Colo	Re r (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16	10YR 3/2	100		R 3/4	2		M	SLo	Concretions (non-redoximorphic)
16-20+	10YR 4/3	60						SLo	Mixed matrix
10 20	10YR 4/2	40				· <u></u>		SLo	Mixed matrix
								-	
_									
	Concentration, D=[d Sand G		ocation: PL=Pore Lining, M=Matrix.
	Indicators: (App	ilicable to				eu.)			ors for Problematic Hydric Soils ³ :
☐ Histosol	pipedon (A2)			Sandy Redox Stripped Matr	` '				m Muck (A10) Parent Material (TF2)
☐ Black H					y Mineral (F1	(except N	MLRA 1))		y Shallow Dark Surface (TF12)
	en Sulfide (A4)				d Matrix (F2)	(except ii	,		er (Explain in Remarks
	d Below Dark Surf	ace (A11)		epleted Matr				<u>—</u>	•
☐ Thick Da	ark Surface (A12)		□ F	Redox Dark S	Surface (F6)				
	Mucky Mineral (S1			•	k Surface (F7	7)			ors of hydrophytic vegetation and
☐ Sandy 0	Gleyed Matrix (S4)		☐ F	Redox Depre	ssions (F8)				and hydrology must be present, ss disturbed or problematic.
Restrictive	Layer (if present):							·
Type:									
туре									
Depth (ir Remarks: T met.	nches): hough some conc			, these featur	res have disti	nct bound	aries and	-	il Present? Yes □ No ⊠ kimorphic in nature. Hydric soil criteria n
Depth (ir Remarks: T met.	nches): hough some conc	retions are		, these featur	res have disti	nct bound	aries and	-	-
Depth (ir Remarks: T met.	nches):hough some conc	retions are	present,			nct bound	aries and	are non-redox	-
Depth (ir Remarks: T met. ZDROLOG Wetland Hy Primary Indi	hough some conc	retions are	present,	eck all that ap	pply) Stained Leave			are non-redox	cimorphic in nature. Hydric soil criteria not
Depth (ir Remarks: Timet. DROLOG Wetland Hy Primary Indi	hough some conc GY /drology Indicato	retions are	present,	eck all that ap	pply) Stained Leave			Seco	cimorphic in nature. Hydric soil criteria n
Depth (ir Remarks: Timet. DROLOG Wetland Hy Primary Indi	hough some concentrations of the Water (A1)	retions are	present,	eck all that ap ☐ Water-\$ 4A, and 4I ☐ Salt Cr	pply) Stained Leave	es (B9) (e :		Seco	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1
Depth (ir Remarks: Tinet. DROLOG Wetland Hy Primary Indi Surface High V Satura	hough some concentrations of the Water (A1)	retions are	present,	eck all that ap Water-S 4A, and 4I Salt Cr	pply) Stained Leave B) rust (B11)	es (B9) (e :		Secc RA 1, 2, [endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (ir Remarks: Treet. Toron Control	hough some concests Adrology Indicator icators (minimum of the Water (A1) Vater Table (A2) ation (A3)	retions are	present,	eck all that ap Water-S 4A, and 4I Salt Cr Aquati	pply) Stained Leave B) rust (B11) c Invertebrate	es (B9) (e : es (B13) odor (C1)	xcept ML	Secc. RA 1, 2, 4,	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (ir Remarks: Timet. DROLOG Wetland Hy Primary Indi Surfact High V Satura Water Sedim	hough some concests Adrology Indicator icators (minimum of the Water (A1) Vater Table (A2) tion (A3) Marks (B1)	retions are	present,	eck all that ap Water-S 4A, and 4I Salt Cr Aquatic Hydros	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O	es (B9) (exess (B13) odor (C1) eres along	xcept ML	Secondary Second	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery
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Depth (ir Remarks: Timet. DROLOG Wetland Hy Primary Indi Surfact High V Saturat Water Sedim Drift D Algal N	hough some concession of the c	retions are	present,	eck all that ap Water-\$ 4A, and 4I Salt Cr Aquation Hydroon Oxidized Preser	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce	es (B9) (e: es (B13) odor (C1) eres along ed Iron (Coion in Tille	xcept ML Living Ro 4) ed Soils (C	Seccord	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3)
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Depth (ir Remarks: Timet. TOROLOG Wetland Hy Primary Indi Surfact High V Saturat Water Sedim Drift D Algal N Iron Do	hough some concentration hough some concentration (A1) Vater Table (A2) attion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	retions are	e present,	eck all that ap Water-S 4A, and 4I Salt Cr Aquatic Hydrog Oxidize Preser Recen	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce t Iron Reducti d or Stressed	es (B9) (e: es (B13) dor (C1) eres along ed Iron (C- ion in Tille d Plants (D	xcept ML Living Ro 4) ed Soils (C	Secondary Second	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: T met. TOROLOG Wetland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal M Iron Do Surface	hough some concentration in the water (A1) Vater Table (A2) Intion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ee Soil Cracks (B6)	retions are	uired; che	eck all that ap Water-S 4A, and 4I Salt Cr Aquatic Hydrog Oxidize Preser Recen	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce t Iron Reducti d or Stressed	es (B9) (e: es (B13) dor (C1) eres along ed Iron (C- ion in Tille d Plants (D	xcept ML Living Ro 4) ed Soils (C	Secondary Second	eimorphic in nature. Hydric soil criteria recondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: T met. TOROLOG Wetland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal M Iron Do Surface	hough some concentration (A) Adrology Indicator (Minimum of the Water (A1) Vater Table (A2) Attion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) the Soil Cracks (B6) tion Visible on Aeroly Vegetated Concentration	retions are	uired; che	eck all that ap Water-S 4A, and 4I Salt Cr Aquatic Hydrog Oxidize Preser Recen	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce t Iron Reducti d or Stressed	es (B9) (e: es (B13) dor (C1) eres along ed Iron (C- ion in Tille d Plants (D	xcept ML Living Ro 4) ed Soils (C	Secondary Second	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
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Depth (ir Remarks: Timet. Composition C	hough some concentrations:	retions are	uired; che	eck all that ap Water-\$ 4A, and 4I Salt Cr Aquatic Oxidize Preser Recen Stunte Other (pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce t Iron Reducti d or Stressed (Explain in Re	es (B9) (e: es (B13) dor (C1) eres along ed Iron (C- ion in Tille d Plants (D	xcept ML Living Ro 4) ed Soils (C	Secondary Second	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: T met. TOROLOG Wetland Hy Primary Indi Surface High V Satura Water Sedim Drift D Algal M Iron Do Surface Inunda Sparse Field Obse Surface Wa Water Table Saturation F	hough some concentrations: ho	retions are	uired; che	eck all that ap Water-\$ 4A, and 4I Salt Cr Aquatic Hydrog Oxidize Preser Recent Stunte	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce t Iron Reduct d or Stressed (Explain in Re	es (B9) (e: es (B13) dor (C1) eres along ed Iron (C- ion in Tille d Plants (D	Living Ro 4) ed Soils (CD1)(LRR A	Secondary Second	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Depth (ir Remarks: Timet. TOROLOG Wetland Hy Primary Indi Surface High V Satura Vater Sedim Drift D Algal N Iron Do Surface Inunda Sparse Field Obsel Surface Wa Water Table Saturation F (includes ca	hough some concentrations:	retions are	uired; che No No No No No	eck all that ap Water-\$ 4A, and 4I Salt Cr Aquation Oxidized Preser Recent Stunte Other (Depth (inch	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce t Iron Reduct d or Stressed (Explain in Re	es (B9) (e: es (B13) odor (C1) eres along ed Iron (C- cion in Tille d Plants (D emarks)	Living Ro 4) ed Soils (C 01)(LRR A	Secondary Second	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A) Frost-Heave Hummocks (D7)
Depth (ir Remarks: Timet. Composition C	hough some concidences): whough some concidence water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) te Soil Cracks (B6) tion Visible on Aer ty Vegetated Concidence rvations: ter Present? e Present? present? present? present? present? present (Street)	retions are	y (B7) ace (B8) No No No No No No No No No No	eck all that ap Water-S 4A, and 4I Salt Cr Aquatic Hydrog Oxidize Preser Recen Stunte Other (Depth (inch Depth (inch	pply) Stained Leave B) rust (B11) c Invertebrate gen Sulfide O ed Rhizosphe nce of Reduce t Iron Reduct d or Stressed (Explain in Re	es (B9) (exes (B13)) and (C1) ares along and Iron (C4) ares along and Iron ares along ares	xcept ML Living Ro 4) ed Soils (C 01)(LRR A	RA 1, 2,	endary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (California) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)) Frost-Heave Hummocks (D7)

Project/Site: 475	c	ity/Cou	unty: King Count	у	Sampling Date: <u>3-19</u>	-2025
Applicant/Owner: <u>Kozak</u>				State: WA	Sampling Point: SP	-3 (Revised)
Investigator(s): <u>KM</u>			Section, Tow	nship, Range: <u>S11 - T2</u>	3 - R5	
Landform (hillslope, terrace, etc.): terrace						
Subregion (LRR): A			•	, -		
				NWI classifica		
Are climatic / hydrologic conditions on the site typical for this						
	-		·			_
Are Vegetation, Soil, or Hydrology sign				mal Circumstances" pre		_
Are Vegetation X, Soil, or Hydrology naturally			`	olain any answers in Rei	,	
SUMMARY OF FINDINGS – Attach site map :	showing s	ampl	ling point lo	cations, transects	<u>, important featu</u>	ıres, etc.
Hydrophytic Vegetation Present? Yes ⊠ No □	I		Is the Sampled	Area		
Hydric Soil Present? Yes ⊠ No □	-		within a Wetlar		No □	
Wetland Hydrology Present? Yes ⊠ No □				_	_	
Remarks: Sample point taken within Wetland A and serve present during site evlations. Wetland criteria is met.	es as a revisi	on to tl	he previously sa	mpled (5/14/2024) SP-3	. Normal climatic con	ditions
VEGETATION – Use scientific names of plan	ts.					
Frank		Domi	nant Indicator	Dominance Test wor	ksheet:	
<u>Tree Stratum</u> (Plot size: <u>30 ft</u>)			cies? Status	Number of Dominant S		
1. Populus trichocarpa	40	<u>Y</u>	<u>FAC</u>	That Are OBL, FACW		(A)
2				Total Number of Domi	inant	
3				Species Across All Str		(B)
4				Percent of Dominant S	Species	
Sapling/Shrub Stratum (Plot size: 15 ft)	<u>40</u>	= To	tal Cover	That Are OBL, FACW		(A/B)
1. Ilex aquifolium	20	V	FACU	Prevalence Index wo	orksheet:	
2. Rubus laciniatus			FACU		Multiply k	ov:
3. Rosa pisocarpa				OBL species		
4				FACW species		
5				FAC species		
· ·	60	= To	tal Cover	FACU species		
Herb Stratum (Plot size: 5 ft)				UPL species		
1. Carex obnupta	30	Y	OBL	Column Totals:		
2. Hedera helix	30	<u>Y</u>	FACU			
3			<u> </u>		ex = B/A =	_
4	<u> </u>			Hydrophytic Vegetat		
5				Dominance Test is		
6				Prevalence Index		
7				☐ Morphological Ada	aptations¹ (Provide su ks or on a separate sł	
8				☐ Problematic Hydro	•	,
Woody Vine Stratum (Plot size: 15 ft)	60	= To	tal Cover		,	
1. None				¹ Indicators of hydric so	oil and wetland hydrol	ogy must
2				be present, unless dis	turbed or problematic	
	0	= To	tal Cover	Hydrophytic		
				Vegetation	oo ⊠ No □	
·	ver of Biotic (es 🛛 No 🗌	
Remarks: A large presence of invasive species have ove hydrophyic vegetation would be expected at this location						

Depth (in a land)	Matrix (accided)	61	_ 		ox Feature		1 2	T 1	.
(inches)	Color (moist)	%	_ Colo	r (moist)	%	Type ¹	Loc ²	Texture	Remarks
)-17	7.5YR 2.5/1	100						Lo	
17-20+	10YR 4/2	90	<u>10YI</u>	₹ 4/4	10	<u>C</u>	<u>M</u>	<u>Lo</u>	Distinct redox concentrations
·									
	ncentration, D=Dendicators: (Appl						ed Sand G		ocation: PL=Pore Lining, M=Matrix. ors for Problematic Hydric Soils³:
Histosol (A Histic Epip Black Hist Hydrogen Depleted B	A1) pedon (A2) ric (A3) Sulfide (A4) Below Dark Surfa			Sandy Redox (Stripped Matrix Loamy Mucky I oamy Gleyed I Depleted Matrix	S5) (S6) Mineral (F Matrix (F2) (F3)	1 (except)	MLRA 1))	☐ 2 cr ☐ Red ☐ Ver	m Muck (A10) Parent Material (TF2) y Shallow Dark Surface (TF12) er (Explain in Remarks
☐ Sandy Mu	k Surface (A12) icky Mineral (S1) eyed Matrix (S4)			Redox Dark Su Depleted Dark Redox Depress	Surface (F			wetla	ors of hydrophytic vegetation and and hydrology must be present, as disturbed or problematic.
Restrictive La	ayer (if present):								
Type:									
	hes): dric soil criteria is							Hydric Soi	il Present? Yes ⊠ No □
Remarks: Hyd	dric soil criteria is	met.						Hydric Soi	il Present? Yes ⊠ No □
Remarks: Hyd DROLOGY Wetland Hyd	dric soil criteria is	met.	uired; che	eck all that app	ly)				ondary Indicators (2 or more required)
Remarks: Hyd DROLOGY Wetland Hyd	dric soil criteria is Y rology Indicators ators (minimum of	met.	uired; che	eck all that app ☐ Water-St 4A, and 4B)	ained Lea	ves (B9) (except ML	Secc	ondary Indicators (2 or more required)
DROLOGY Wetland Hydical Surface	dric soil criteria is Y rology Indicators ators (minimum of	met.	uired; che	☐ Water-St. 4A, and 4B) ☐ Salt Crus	ained Lear		except ML	Secc RA 1, 2, — 4/	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1 , A, and 4B)) Drainage Patterns (B10)
DROLOGY Wetland Hydromy Indicate Surface Wetland Watland Watla	Y rology Indicators ators (minimum of Water (A1) ater Table (A2) on (A3)	met.	uired; che	☐ Water-St. 4A, and 4B) ☐ Salt Crus	ained Lea st (B11) nvertebra	tes (B13)		Secc.RA 1, 2,	ondary Indicators (2 or more required)] Water Stained Leaves (B9) (MLRA 1, A, and 4B))] Drainage Patterns (B10)] Dry-Season Water Table (C2)
DROLOGY Wetland Hydromary Indicator Surface of High Water Market	Y rology Indicators ators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1)	met.	uired; che	☐ Water-St. 4A, and 4B) ☐ Salt Crus ☐ Aquatic ☐ ☐ Hydroge	ained Lear st (B11) nvertebra n Sulfide (tes (B13) Odor (C1)		Secc .RA 1, 2,	ondary Indicators (2 or more required)] Water Stained Leaves (B9) (MLRA 1 , A, and 4B))] Drainage Patterns (B10)] Dry-Season Water Table (C2)] Saturation Visible on Aerial Imagery (
DROLOGY Wetland Hydi Primary Indica Surface High Wa Saturation Water M Sedimen	rology Indicators ators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2)	met.	uired; che	☐ Water-St. 4A, and 4B) ☐ Salt Crus ☐ Aquatic ☐ Hydroge ☐ Oxidized	ained Lea st (B11) nvertebra n Sulfide (Rhizosph	tes (B13) Odor (C1) neres alon	g Living Ro	Secc. RA 1, 2, 4/	ondary Indicators (2 or more required)] Water Stained Leaves (B9) (MLRA 1, A, and 4B))] Drainage Patterns (B10)] Dry-Season Water Table (C2)] Saturation Visible on Aerial Imagery (] Geomorphic Position (D2)
Primary Indica Surface Water M Saturatic Water M Sedimen Drift Dep	rology Indicators ators (minimum of Water (A1) ater Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3)	met.	uired; che	Water-St 4A, and 4B) Salt Crus Aquatic Hydroge Oxidized Presence	ained Lear st (B11) nvertebra n Sulfide (Rhizosph	tes (B13) Odor (C1) neres alon ced Iron (g Living Ro	Secc. RA 1, 2,	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3)
Primary Indicated Statement Sediment Control of the	rology Indicators ators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) oosits (B3) at or Crust (B4)	met.	uired; che	Water-St. 4A, and 4B) Salt Crus Aquatic Hydroge Oxidized Presence Recent I	ained Lear st (B11) nvertebra n Sulfide (Rhizosph e of Reduction Reduction	tes (B13) Odor (C1) neres alon ced Iron (ction in Til	g Living Ro C4) led Soils (C	Secc. RA 1, 2,	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicate Statement Surface Sur	rology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	met.	uired; che	Water-St. 4A, and 4B) Salt Crus Aquatic Hydroge Oxidized Presenc Recent I Stunted	ained Lear st (B11) nvertebra n Sulfide (Rhizosph e of Reduction Reduction Stresse	tes (B13) Odor (C1) heres alon ced Iron (ction in Til ed Plants (g Living Ro	Secondary Second	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
Primary Indica Surface High Wa Saturatio Water M Sedimen Drift Dep Algal Ma Iron Dep	rology Indicators ators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6)	met.		Water-St. 4A, and 4B) Salt Crus Aquatic Hydroge Oxidized Presenc Recent I Stunted	ained Lear st (B11) nvertebra n Sulfide (Rhizosph e of Reduction Reduction	tes (B13) Odor (C1) heres alon ced Iron (ction in Til ed Plants (g Living Ro C4) led Soils (C	Secondary Second	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indica Surface High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Surface	rology Indicators ators (minimum of Water (A1) ater Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) on Visible on Aeria	met. S: one req	y (B7)	Water-St. 4A, and 4B) Salt Crus Aquatic Hydroge Oxidized Presenc Recent I Stunted	ained Lear st (B11) nvertebra n Sulfide (Rhizosph e of Reduction Reduction Stresse	tes (B13) Odor (C1) heres alon ced Iron (ction in Til ed Plants (g Living Ro C4) led Soils (C	Secondary Second	ondary Indicators (2 or more required) Water Stained Leaves (B9) (MLRA 1, A, and 4B)) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6(LRR A)
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APPENDIX C

Wetland Rating Forms

Betsy MacWhinney, 7 March 2025.

RATING SUMMARY - Western Washington

Name of wetland (or ID#): Deshaw WL A Date of site visit: 03/07/2025

Rated By: Betsy MacWhinney Trained by Ecology? Yes [X] No [] Date of Training: 07/06/2014

HGM Class used for rating: Depressional **Wetland has multiple HGM classes? Yes** [] **No** [X]

NOTE: Form is not complete without the figures requested (figures can be combined). Source of base aerial photo/map:

OVERALL WETLAND CATEGORY: [Category III] (based on functions [X] or special characteristics [])

1. Category of wetland based on FUNCTIONS

[] Category I - Total score = 23 - 27

[] Category II - Total score = 20 - 22

[X] Category III - Total score = 16 - 19

[] Category IV - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
Site Potential	M	M	L	
Landscape Potential	М	M	L	
Value	М	Н	L	Total
Score Based on Ratings	6	7	3	16

Score for each function based on three ratings

(order of ratings is not important)

9 = H,H,H

8 = H.H.M

7 = H,H,L

7 = H,M,M

6 = H,M,L

6 = M,M,M

5 = H,L,L

5 = M,M,L

4 = M,L,L

3 = L,L,L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	CATEGORY
Estuarine	
Wetland of High Conservation Value	
Bog	
Forested	
Coastal Lagoon	
Interdunal	
None of the above	Not Applicable

Maps and figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer	Figure
	questions:	#
Cowardin plant classes	D 1.3, H 1.1, H	1.4 1
Hydroperiods	D 1.4, H 1.2	2
Location of outlet (can be added to map of hydroperiods)	D 1.1, D 4.1	N/A
Boundary of area within 150 ft of the wetland (can be added to another figure)	D 2.2, D 5.2	3
Map of the contributing basin	D 4.3, D 5.3	4
1km Polygon: Area that extends 1km from entire wetland edge - including polygons for	H 2.1, H 2.2, H 2	2 2 5
accessible habitat and undisturbed habitat	11 2.1, 11 2.2, 11 4	2.3 3
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	6
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	7

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.1 What are the characteristics of surface water outflows from the wetland?			
Wetland has no surface water outlet.	points = 3		
Wetland has an intermittently flowing, or highly constricted, outlet.	points = 2		
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1		
Wetland is a flat depression whose outlet is a permanently flowing ditch.	points = 1	Score:	re: 3
D 1.2 <u>Is the soil 2 in. below the surface a true clay or organic soil?</u>			
Mapped as true clay or organic (muck or peat)	points = 4		
Soil texture identified as clay or organic in field	points = 4		
Soil texture identified as clay or organic by laboratory test	points = 4		
None of the above	points = 0	Score:	Score: 0
D 1.3 What are the characteristics and distribution of persistent plants?			
Wetland has persistent, ungrazed, plants > 95% of area	points = 5		
Wetland has persistent, ungrazed, plants > 50% of area	points = 3		
Wetland has persistent, ungrazed plants > 10% of area	points = 1		
Wetland has persistent, ungrazed plants < 10% of area	points = 0	Score:	į
D 1.4 What are the characteristics of seasonal ponding or inundation in the wetland area?			
Area seasonally ponded is > 50% total area of wetland	points = 4		
Area seasonally ponded is equal to or > 25% total area of wetland	points = 2		
Area seasonally ponded is < 25% total area of wetland	points = 0	Score:	(
	Total for D 1:	8	

Rating of Site Potential [] **12-16 = H** [X] **6-11 = M** [] **0-5 = L** Record the rating on the first page

D 2.0 Does the landscape have the potential to support the water	quality function of the site?		
D 2.1 Does the wetland unit receive stormwater discharges?			
Yes	points = 1		
No	points = 0	Score:	0
D 2.2 <u>Is >10% of the area within 150ft of the wetland in land uses that</u>	t generate pollutants in surface runoff?		
Yes	points = 1		
No	points = 0	Score:	1
D 2.3 Are there septic systems within 250ft of the wetland?			
Yes	points = 1		
No	points = 0	Score:	0
D 2.4 Are there other sources of pollutants coming into the wetland the	hat are not listed in questions D 2.1-D 2.	<u>3?</u>	
Yes	points = 1		
No	points = 0	Score:	0

D 2.5 What are the other sources of pollutants coming into the wetland?	
Total for D 2:	1

Rating of Landscape Potential

[] **3-4** = **H** [X] **1-2** = **M** [] **0** = **L**

Record the rating on the first page

D 3.0 Is the water quality improvement provided by the site valuable to society?			
D 3.1 Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine	water that is on t	he 303(d	l)
list?			
Yes	points = 1		
No	points = 0	Score:	0
D 3.2 Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?			
Yes	points = 1		
No	points = 0	Score:	1
D 3.3 Has the site been identified in a watershed or local plan as important for maintaining w	vater quality?		
Yes	points = 2		
No	points = 0	Score:	0
	Total for D 3:	1	

Rating of Value

[] 2-4 = H[X] 1 = M[] 0 = L

Record the rating on the first page

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradtion

D 4.0 Does the site have the potential to reduce flooding and erosion?

D 4.1 What are the characteristics of surface water outflows from the wetland?			
Wetland has no surface water outlet.	points = 4		
Wetland has an intermittently flowing, or highly constricted, outlet.	points = 2		
Wetland is a flat depression whose outlet is a permanently flowing ditch.	points = 1		
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0 Score: 4		
D 4.2 What is the depth of storage during the wet periods?			
Marks of ponding are 3ft or more above the surface or bottom of the outlet.	points = 7		
Marks of ponding are between 2ft to <3ft from the surface or bottom of the outlet.	points = 5		
Marks of ponding are at least 0.5ft to <2ft from the surface or the bottom of the outlet.	points = 3		
The wetland is a "headwater" wetland.	points = 3		
The wetland is flat but has small depressions on the surface that trap water.	points = 1		
Marks of ponding are less than 0.5ft (6in).	points = 0	Score: 0	

		Total for D 4:	7
Entire wetland is in the Flats class		points = 5	Score:
The area of the basin is more than 100 ti	mes the area of the unit	points = 0	
The area of the basin is 10 to 100 times t	he area of the unit	points = 3	
The area of the basin is less than 10 time	s the area of the unit	points = 5	
D 4.3 What is the contribution of the we	tland to storage in the watershed?		

Rating of Site Potential [] 12-16 = H [X] 6-11 = M [] 0-5 = L Record the rating on the first page

D 5.0 Does the landscape have the potential to suppo	ort hydrologic functions of the site?		
D 5.1 Does the wetland unit receive stormwater discharge	g <u>es?</u>		
Yes	points = 1		
No	points = 0	Score:	0
D 5.2 Is > 10% of the area within 150 ft of the wetland in	land uses that generate excess runoff?		
Yes	points = 1		
No	points = 0	Score:	1
D 5.3 Is more than 25% of the contributing basin of the	wetland covered with intensive human land uses?		
Yes	points = 1		
No	points = 0	Score:	1
	Total for D 5:	2	

Rating of Landscape Potential [] 3 = H[X] 1-2 = M[] 0 = L Record the rating on the first page

D 6.0 Are the hydrologic functions provided by the site valuable to society?			
D 6.1 <u>Is the wetland in a landscape that has flooding problems?</u>			
Flooding occurs in a sub-basin that is immediately down-gradient of the wetland.	points = 2		
Surface flooding problems are in a sub-basin farther down-gradient.	points = 1		
Flooding from groundwater is an issue in the basin.	points = 1		
The existing or potential outflow from the wetland is so constrained that water			
cannot reach areas that flood.	points = 0 not reach areas that flood.		
There are no problems with flooding downstream of the wetland.	points = 0	Score:	2
D 6.2 Has the site been identified as important for flood storage or flood conveyance in a	regional flood contr	ol plan?	
Yes	points = 2		
No	points = 0	Score:	0
	Total for D 6:	2	

Rating of Value

[X] **2-4** = **H** [] **1** = **M** [] **0** = **L**

Record the rating on the first page

HABITAT FUNCTIONS

These questions apply to wetlands of all HGM classes - Indicators that the site functions to provide important habitat

H 1.0 Does the wetland have the potential to provide habitat for many species?

H 1.1 What is the structure of the plant community?		
Aquatic Bed		
Emergent		
Scrub-shrub		
Forested		
Multiple strata within the Forested class (canopy, sub-canopy, shrubs,		
herbaceous, moss/ground cover)		
4 structures or more	points = 4	
3 structures	points = 2	
2 structures	points = 1	
1 structure	points = 0	
No structures present	points = 0	Score: 1
H 1.2 What are the hydroperiods that meet the size thresholds in the wetland?		
Permanently flooded or inundated		
Seasonally flooded or inundated		
Occasionally flooded or inundated		
✓ Saturated only		
Permanently flowing stream or river in, or adjacent to, the wetland		
Seasonally flowing stream in, or adjacent to, the wetland		
Lake Fringe wetland		
Freshwater Tidal wetland		
4 or more types present	points = 3	
3 types present or Lake Fringe / Freshwater Tidal Fringe	points = 2	
2 types present	points = 1	
1 type present	points = 0	
None present	points = 0	Score: 1
H 1.3 What is the richness of the plant species in the wetland?		
>19 species	points = 2	
5-19 species	points = 1	
<5 species	points = 0	Score: 1

H 1.4 What is the interspersion of habitats?			
High	points = 3		
Moderate	points = 2		
Low	points = 1		
None	points = 0	Score:	0
H 1.5 What are the special habitat features in the wetland?			
Large, downed, woody debris within the wetland (>4in diameter and 6ft long).			
Standing snags (dbh >4in) within the wetland			
Undercut banks are present for at least 6.6ft (2m) and/or overhanging plants			
extend at least 3.3ft (1m) over open water or a stream (or ditch) in, or contiguous			
with the wetland, for at least 33ft (10m)			
Stable steep banks of fine material that might be used by beaver or muskrat for			
denning (>30 degree slope) OR signs of recent beaver activity are present (cut shrubs			
or trees that have not yet weathered where wood is exposed)			
At least 0.25ac of thin-stemmed persistent plants or woody branches are present			
in areas that are permanently or seasonally inundated (structures for egg-laying by			
amphibians)			
Invasive plants cover less than 25% of the wetland area in every stratum of plants			
(see H 1.1 for list of strata)			
6 habitats selected	points = 6		
5 habitats selected	points = 5		
4 habitats selected	points = 4		
3 habitats selected	points = 3		
2 habitats selected	points = 2		
1 habitat selected	points = 1		
No habitats selected	points = 0	Score:	1
	Total for H 1:	4	

Rating of Site Potential

[] 15-18 = H[] 7-14 = M[X] 0-6 = L

Record the rating on the first page

H 2.0 Does the landscape have the potential to support habitat functions of the site?

H 2.1 What is the percentage of accessible habitat within 1km of the wetland?		
>33% of 1km Polygon	points = 3	
20-33% of 1km Polygon	points = 2	
10-19% of 1km Polygon	points = 1	
<10% of 1km Polygon	points = 0	Score: 0
H 2.2 What is the percentage of total habitat in a 1km polygon around the wetland?		
Total habitat is >50% of the Polygon	points = 3	
Total habitat is 10-50% of the Polygon and in 1-3 patches	points = 2	
Total habitat is 10-50% of the Polygon and in >3 patches	points = 1	
Total habitat is <10% of the Polygon	points = 0	Score: 1

3/15/25, 10:34 AM Wetland Rating Summary Wetland name or number: Deshaw WL A H 2.3 What is the land use intensity in the 1km polygon? 50% of the Polygon is high intensity land use points = -2<50% of the Polygon is high intensity land use points = 0Score: -2 Total for H 2: -1 **Rating of Landscape Potential** [] 4-6 = H[] 1-3 = M[X] 0 = LRecord the rating on the first page H 3.0 Is the habitat provided by the site valuable to society? H 3.1 Does the site provide habitat for species valued in laws, regulations, or policies? Aspen Stands **Biodiversity Areas and Corridors** Herbaceous Balds Old-growth/Mature Forests Oregon White Oak Riparian Westside Prairie Fresh Deepwater Instream Nearshore (Coastal, Open Coast, Puget Sound) Caves Cliffs Snags and Logs Talus The following criteria automatically score 2 points: The wetland provides habitat for Threatened or Endangered species The wetland is mapped as a location for an individual WDFW priority species The wetland is a Wetland of High Conservation Value The wetland has been categorized as an important habitat site in a local plan

Rating of Value

criteria for societal value

[]2 = H[]1 = M[X]0 = L

The wetland has 3 or more WDFW priority habitats within 100m, or meets the

The site has 1 or 2 WDFW priority habitats within 100m

The site does not meet any of the criteria for societal value

Record the rating on the first page

Total for H 3:

Score:

0

points = 2

points = 1

points = 0

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

		Wetlands	١	Estuarine	1.	SC	
--	--	----------	---	------------------	----	----	--

SC 1.1 Does the wetland meet all of the following criteria for Estuarine wetlands?	
The dominant water regime is tidal	
The wetland is vegetated	
The water salinity is greater than 0.5 ppt	
Yes - Go to SC 1.2	
No - Not an Estuarine Wetland	Result:
SC 1.2 Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve,	
State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-15	<u>1?</u>
Yes - Category I Estuarine Wetland	
No - Go to SC 1.3	Result:
SC 1.3 Is the wetland unit at least 1ac in size and meets at least two of the following three condimensured (has no diking, ditching, filling, cultivation, grazing), and	
has less than 10% cover of non-native plant species.	
At least 75% of the landward edge of the wetland has a 100ft buffer of shrub, forest, or un-	
grazed or un-mowed grassland	
The wetland has at least two of the following features: tidal channels, depressions with open	
water, or contiguous freshwater wetlands.	
Yes - Category I Estuarine Wetland	
No - Category II Estuarine Wetland	Result:
SC 2.0 Wetlands of High Conservation Value	
SC 2.1 Does the wetland overlap with any known or historical rare plant or rare & high-quality e	cosystem polygons on
the WNHP Data Explorer?	
Yes - Category I Wetland of High Conservation Value	
No - Go to SC 2.2	Result:
SC 2.2 Does the wetland have a rare plant species, rare plant community, or high-quality common	on plant community that
may qualify the site as a WHCV?	
Vac. Cataway I Watland of High Consequation Value	
Yes - Category I Wetland of High Conservation Value	Result:
No - Not a Wetland of High Conservation Value	Nesuit.

SC	3	O	Bo	as
J	J.	··	\mathbf{p}	us

SC 3.1 Does an area within the wetland unit have organic soil horizons, either peats or mucks, that co	ompose 16in or
more of the first 32in of the soil profile?	
Yes - Go to SC 3.3	_
No - Go to SC 3.2	sult:
SC 3.2 Does an area within the wetland unit have organic soils, either peats or mucks, that are less the	an 16 in deep over
bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake	e or pond?
Yes - Go to SC 3.3	_
No - Not a Bog Wetland	sult:
SC 3.3 Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND	at least 30% cover
of plant species listed in the table provided in the instructions?	
Yes - Category I Bog Wetland	
No - Go to SC 3.4	sult:
SC 3.4 <u>Is an area with peats or mucks forested (>30% cover) with Sitka spruce, subalpine fir, western</u>	red cedar, western
hemlock, lodgepole pine, quaking aspen, Engelmann Spruce, or western white pine AND any of the s	•
combinations of species) listed in the table found in the instructions provide more than 30% of the co	over under the
<u>canopy?</u>	
Yes - Category I Bog Wetland	
	sult:
	Suit:
SC 4.0 Forested Wetlands	
SC 4.1 Does the wetland have at least 1 contiguous acre of forest that meets one of the following crit	teria?
Old-growth forests	
Mature forests	
Yes - Category I Forested Wetland	
No - Not a Forested Wetland	sult:

SC 5.0 Wetlands in Coastal Lagoons

SC 5.1 Coastal Lagoons: Does the wetland meet all of the following criteria of a wetland in a coastal Lagoons:	<u>stal lagoon?</u>
The wetland lies in a depression adjacent to marine waters that is wholly or partially	
separated from marine waters by sandbanks, gravel banks, shingle, or rocks	
The depression in which the wetland is located contains ponded water that is saline or	
brackish (>0.5 ppt) during most of the year in at least a portion of the open water area (measured	d
near the bottom)	
The lagoon retains some of its surface water at low tide during spring tides	
Yes - Go to SC 5.2	
No - Not a Coastal Lagoon Wetland	Result:
SC 5.2 Does the wetland meet all of the following three conditions?	
The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and	
has less than 20% cover of aggressive, opportunistic plant species (see list of species).	
At least 75% of the landward edge of the wetland has a 100ft buffer of shrub, forest, or un-	
grazed or un-mowed grassland.	
the wetland is larger than 0.10ac (4350 sqft)	
Yes - Category I Coastal Lagoon	
No - Category II Coastal Lagoon	Result:
SC 6.0 Interdunal Wetlands	
SC 6.0 Interdunal Wetlands SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners)	hip WBUO)?
	hip WBUO)?
	hip WBUO)?
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners)	hip WBUO)? Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland	
SC 6.1 <u>Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners)</u> Yes - Go to SC 6.2	
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland	
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size?	
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Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions?	Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions? Yes - Category I Interdunal Wetland No - Category II Interdunal Wetland	Result: Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions? Yes - Category I Interdunal Wetland	Result: Result:
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SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions? Yes - Category I Interdunal Wetland No - Category II Interdunal Wetland	Result: Result:

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Final Category: Not Applicable

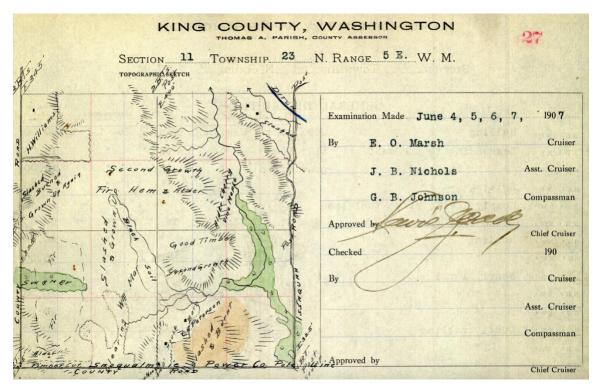
APPENDIX D

Wetland and Stream Delineation

Betsy MacWhinney, Ecologist March 9, 2025.

Wetland & Stream Delineation

Parcels 9353300860



1908 Map of Area, King County Archives

Prepared for

Anthony Deshaw

March 9, 2025



BETSY MACWHINNEY, ECOLOGIST
206.794.2249

Introduction

This report presents the results of a critical areas study conducted on parcel 9353300860. The parcel is 0.25 acres, and situated in unincorporated King County near the City of Renton. The property is zoned R-4 and in a neighborhood of similarly zoned developed residential properties.

Methods

Prior to conducting a site visit, aerial photographs, topography maps, and the NRCS Soil Survey were reviewed. The site was subsequently evaluated during a field visit on March 7, 2025, using the methods described in the Corps of Engineers 1987 Wetland Delineation Manual, as required by King County Code. Wetlands and streams were identified and rated using criteria in King County Code 21A.24, the 2014 Wetland Rating form for Western Washington. Soil pits were hand-excavated to help determine the wetland boundary; some of these were formally documented and attached to this report. If regulated features were observed onsite, they were marked in the field with pink plastic flagging printed with "Wetland Delineation". Wetland boundaries were located using a hand-held GPS unit.

Site Description

The site is currently undeveloped. It was recently cleared on the recommendation of a certified arborist, who indicated that the trees were dying and at risk of falling onto a neighboring house. The owner was unaware that restrictions prevent clearing of sites such as this, and had the site cleared in advance of a predicted windstorm to prevent harm to the neighbor's house, which was in striking distance of the trees. Prior to clearing, it appears that the site was dominated by black cottonwood (*Populus balsamifera*), with an understory that likely included salmonberry (*Rubus spectabilis*), Himalayan blackberry (*Rubus armeniacus*), red elderberry (*Sambucus racemosa*), and slough sedge (*Carex obnupta*).

Wetland

One wetland is present, and dominates the site. The wetland is in the palustrine forested (pre-clearing) Cowardin class, and in the depressional hydrogeomorphic class. It appears to extend into the parcel to the north, but this was not confirmed. No inlet or outlet are evident. The site is shown in Figure 1.

Soils at the site are mapped as Bellingham silt loam, which is a hydric soil. Soils in the wetland are low chroma mineral soils with redoximorphic features.

Some standing water and saturated soils were observed in the wetland.

The wetland rating form was completed as if the wetland were still forested, and determined to be Category III with 3 habitat points, which, in R4 zoning, results in an 80-foot buffer, plus a 15 foot building setback.



Figure 1. Site.

Aquatic Areas

An offsite feature is present at the west side of the property. This is identified on City of Renton maps as "open drain", and not included on the City's critical area (stream) maps. This feature is shown in Figure 2. It appears to be an excavated ditch located between existing residential lots. The feature is dominated by reed canarygrass (*Phalaris arundinacea*). Pockets of standing water were observed in some spots along this ditch.

It is unclear whether this would be regulated by King County.



Figure 2. Open drain feature.

Conclusions and Regulatory Implications

A Category III wetland is present onsite. The wetland buffer is 80 feet plus a 15-foot building setback. An offsite ditch is also present that may be regulated by King County.

It appears that it will be necessary to apply for a Critical Areas Alteration Exception or a Reasonable Use Exception in order to build on this parcel. Replanting to address unpermitted clearing may also be required by King County. It is recommended that you discuss your development plans with King County to determine the appropriate path and requirements for proceeding.

The information provided in this report represents my best professional judgment regarding site conditions. However, King County staff is responsible for verifying the wetland boundaries and rating, and providing code interpretation. Wetland and stream identification, delineation, and rating can be somewhat subjective, since these are natural systems that are not always easily classified into human-made categories. Boundary determination is based on observations of vegetation, soil and hydrology. Human alteration, weather, and varying professional opinions may affect the location of wetland/stream boundaries or make a precise determination or classification problematic. Wetland/stream determinations and are the result of best-professional judgment and subject to modification until reviewed and approved by the governing jurisdiction.

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Appendix A: Wetland Rating Form & Figures

RATING SUMMARY - Western Washington

Name of wetland (or ID#): Deshaw WL A Date of site visit: 03/07/2025

Rated By: Betsy MacWhinney Trained by Ecology? Yes [X] No [] Date of Training: 07/06/2014

HGM Class used for rating: Depressional **Wetland has multiple HGM classes? Yes** [] **No** [X]

NOTE: Form is not complete without the figures requested (figures can be combined). Source of base aerial photo/map:

OVERALL WETLAND CATEGORY: [Category III] (based on functions [X] or special characteristics [])

1. Category of wetland based on FUNCTIONS

- [] **Category I** Total score = 23 27
- [] Category II Total score = 20 22
- [X] Category III Total score = 16 19
- [] Category IV Total score = 9 15

Ratings	6	7	3	16
Score Based on		_	_	4.6
Value	M	Н	L	Total
Landscape Potential	M	M	L	
Site Potential	M	М	L	
FUNCTION	Improving Water Quality	Hydrologic	Habitat	

Score for each function based on three ratings

(order of ratings is not important)

- 9 = H,H,H
- 8 = H,H,M
- 7 = H,H,L
- 7 = H,M,M
- 6 = H,M,L
- 6 = M,M,M
- 5 = H,L,L
- 5 = M,M,L
- 4 = M,L,L
- 3 = L,L,L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	CATEGORY
Estuarine	
Wetland of High Conservation Value	
Bog	
Forested	
Coastal Lagoon	
Interdunal	
None of the above	Not Applicable

Maps and figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer	Figure
	questions:	#
Cowardin plant classes	D 1.3, H 1.1, H	1.4 1
Hydroperiods	D 1.4, H 1.2	2
Location of outlet (can be added to map of hydroperiods)	D 1.1, D 4.1	N/A
Boundary of area within 150 ft of the wetland (can be added to another figure)	D 2.2, D 5.2	3
Map of the contributing basin	D 4.3, D 5.3	4
1km Polygon: Area that extends 1km from entire wetland edge - including polygons for	H 2.1, H 2.2, H 2	2 2 5
accessible habitat and undisturbed habitat	11 2.1, 11 2.2, 11 4	2.3 3
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	6
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	7

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.1 What are the characteristics of surface water outflows from the wetland?			
Wetland has no surface water outlet.	points = 3		
Wetland has an intermittently flowing, or highly constricted, outlet.	points = 2		
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1		
Wetland is a flat depression whose outlet is a permanently flowing ditch.	points = 1	Score:	3
D 1.2 <u>Is the soil 2 in. below the surface a true clay or organic soil?</u>			
Mapped as true clay or organic (muck or peat)	points = 4		
Soil texture identified as clay or organic in field	points = 4		
Soil texture identified as clay or organic by laboratory test	points = 4		
None of the above	points = 0	Score:	(
D 1.3 What are the characteristics and distribution of persistent plants?			
Wetland has persistent, ungrazed, plants > 95% of area	points = 5		
Wetland has persistent, ungrazed, plants > 50% of area	points = 3		
Wetland has persistent, ungrazed plants > 10% of area	points = 1		
Wetland has persistent, ungrazed plants < 10% of area	points = 0	Score:	į
D 1.4 What are the characteristics of seasonal ponding or inundation in the wetland area?			
Area seasonally ponded is > 50% total area of wetland	points = 4		
Area seasonally ponded is equal to or > 25% total area of wetland	points = 2		
Area seasonally ponded is < 25% total area of wetland	points = 0	Score:	(
	Total for D 1:	8	

Rating of Site Potential [] **12-16 = H** [X] **6-11 = M** [] **0-5 = L** Record the rating on the first page

D 2.0 Does the landscape have the potential to support the water	quality function of the site?		
D 2.1 Does the wetland unit receive stormwater discharges?			
Yes	points = 1		
No	points = 0	Score:	0
D 2.2 <u>Is >10% of the area within 150ft of the wetland in land uses that</u>	generate pollutants in surface runoff?		
Yes	points = 1		
No	points = 0	Score:	1
D 2.3 Are there septic systems within 250ft of the wetland?			
Yes	points = 1		
No	points = 0	Score:	0
D 2.4 Are there other sources of pollutants coming into the wetland the	nat are not listed in questions D 2.1-D 2	2.3?	
Yes	points = 1		
No	points = 0	Score:	0

D 2.5 What are the other sources of pollutants coming into the wetland?	
Total for D 2:	1

Rating of Landscape Potential

[] **3-4** = **H** [X] **1-2** = **M** [] **0** = **L**

Record the rating on the first page

D 3.0 Is the water quality improvement provided by the site valuable to society?			
D 3.1 Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine	water that is on t	he 303(d	l)
list?			
Yes	points = 1		
No	points = 0	Score:	0
D 3.2 Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?			
Yes	points = 1		
No	points = 0	Score:	1
D 3.3 Has the site been identified in a watershed or local plan as important for maintaining w	vater quality?		
Yes	points = 2		
No	points = 0	Score:	0
	Total for D 3:	1	

Rating of Value

[] 2-4 = H[X] 1 = M[] 0 = L

Record the rating on the first page

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradtion

D 4.0 Does the site have the potential to reduce flooding and erosion?

D 4.1 What are the characteristics of surface water outflows from the wetland?		
Wetland has no surface water outlet.	points = 4	
Wetland has an intermittently flowing, or highly constricted, outlet.	points = 2	
Wetland is a flat depression whose outlet is a permanently flowing ditch.	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	Score: 4
D 4.2 What is the depth of storage during the wet periods?		
Marks of ponding are 3ft or more above the surface or bottom of the outlet.	points = 7	
Marks of ponding are between 2ft to <3ft from the surface or bottom of the outlet.	points = 5	
Marks of ponding are at least 0.5ft to <2ft from the surface or the bottom of the outlet.	points = 3	
The wetland is a "headwater" wetland.	points = 3	
The wetland is flat but has small depressions on the surface that trap water.	points = 1	
Marks of ponding are less than 0.5ft (6in).	points = 0	Score: 0

		Total for D 4:	7
Entire wetland is in the Flats class		points = 5	Score:
The area of the basin is more than 100 t	imes the area of the unit	points = 0	
The area of the basin is 10 to 100 times	the area of the unit	points = 3	
The area of the basin is less than 10 time	es the area of the unit	points = 5	
D 4.3 What is the contribution of the we	etland to storage in the watershed?		

Rating of Site Potential [] 12-16 = H [X] 6-11 = M [] 0-5 = L

Record the rating on the first page

D 5.0 Does the landscape have the potential to support hydrologic functions of the site?				
D 5.1 Does the wetland unit receive stormwater discharges?				
Yes points =	1			
No points =	0 Score: 0			
D 5.2 Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?				
Yes points =	1			
No points =	0 Score: 1			
D 5.3 Is more than 25% of the contributing basin of the wetland covered with intensive human land uses?				
Yes points =	1			
No points =	0 Score: 1			
Total	for D 5: 2			

Rating of Landscape Potential [] 3 = H [X] 1-2 = M [] 0 = LRecord the rating on the first page

D 6.0 Are the hydrologic functions provided by the site valuable to society? **D 6.1** Is the wetland in a landscape that has flooding problems? Flooding occurs in a sub-basin that is immediately down-gradient of the wetland. points = 2Surface flooding problems are in a sub-basin farther down-gradient. points = 1Flooding from groundwater is an issue in the basin. points = 1The existing or potential outflow from the wetland is so constrained that water points = 0cannot reach areas that flood. There are no problems with flooding downstream of the wetland. points = 0Score: 2 **D 6.2** Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes points = 2points = 0No Score: 0 Total for D 6: 2

Rating of Value

[X] 2-4 = H [] 1 = M [] 0 = L

Record the rating on the first page

HABITAT FUNCTIONS

These questions apply to wetlands of all HGM classes - Indicators that the site functions to provide important habitat

H 1.0 Does the wetland have the potential to provide habitat for many species?

Н 1.	1 What is the structure of the plant community?			
ПА	quatic Bed			
E	mergent			
s	crub-shrub			
F	orested			
	Multiple strata within the Forested class (canopy, sub-canopy, shrubs,			
herba	aceous, moss/ground cover)			
4 structures or more		points = 4		
3 structures		points = 2		
	uctures	points = 1		
	ucture	points = 0		
No s	tructures present	points = 0	Score:	1
H 1.	2 What are the hydroperiods that meet the size thresholds in the wetland?			
P	ermanently flooded or inundated			
/ S	easonally flooded or inundated			
	Occasionally flooded or inundated			
S	aturated only			
P	ermanently flowing stream or river in, or adjacent to, the wetland			
S	easonally flowing stream in, or adjacent to, the wetland			
ΠL	ake Fringe wetland			
F	reshwater Tidal wetland			
	more types present	points = 3		
	pes present or Lake Fringe / Freshwater Tidal Fringe	points = 2		
	pes present	points = 1		
1 typ	pe present	points = 0		
Non	e present	points = 0	Score:	1
Н 1.	3 What is the richness of the plant species in the wetland?			
\ 10	species	points = 2		
	·	•		
	species	points = 1	Caana	1
<5 species		points = 0	Score:	1

H 1.4 What is the interspersion of habitats?			
High	points = 3		
Moderate	points = 2		
Low	points = 1		
None	points = 0	Score:	0
H 1.5 What are the special habitat features in the wetland?			
Large, downed, woody debris within the wetland (>4in diameter and 6ft long).			
Standing snags (dbh >4in) within the wetland			
Undercut banks are present for at least 6.6ft (2m) and/or overhanging plants			
extend at least 3.3ft (1m) over open water or a stream (or ditch) in, or contiguous			
with the wetland, for at least 33ft (10m)			
Stable steep banks of fine material that might be used by beaver or muskrat for			
denning (>30 degree slope) OR signs of recent beaver activity are present (cut shrubs			
or trees that have not yet weathered where wood is exposed)			
At least 0.25ac of thin-stemmed persistent plants or woody branches are present			
in areas that are permanently or seasonally inundated (structures for egg-laying by			
amphibians)			
Invasive plants cover less than 25% of the wetland area in every stratum of plants			
(see H 1.1 for list of strata)			
6 habitats selected	points = 6		
5 habitats selected	points = 5		
4 habitats selected	points = 4		
3 habitats selected	points = 3		
2 habitats selected	points = 2		
1 habitat selected	points = 1		
No habitats selected	points = 0	Score:	1
	Total for H 1:	: 4	

Rating of Site Potential

[] **15-18** = **H**[] **7-14** = **M**[X] **0-6** = **L**

Record the rating on the first page

H 2.0 Does the landscape have the potential to support habitat functions of the site?

H 2.1 What is the percentage of accessible habitat within 1km of the wetland	<u>l?</u>	
>33% of 1km Polygon	points = 3	
20-33% of 1km Polygon	points = 2	
10-19% of 1km Polygon	points = 1	
<10% of 1km Polygon	points = 0	Score: 0
H 2.2 What is the percentage of total habitat in a 1km polygon around the w	retland?	
Total habitat is >50% of the Polygon	points = 3	
Total habitat is 10-50% of the Polygon and in 1-3 patches	points = 2	
Total habitat is 10-50% of the Polygon and in >3 patches	points = 1	
Total habitat is <10% of the Polygon	points = 0	Score: 1

5/25, 10:34 AM	Wetland Rating Summary			
Wetland name or number: Deshaw WL A				
H 2.3 What is the land use intensity in the	<u>1km polygon?</u>			
50% of the Polygon is high intensity land u	22	points = -2		
<50% of the Polygon is high intensity land		points = 0	Score: -	2
250% of the Folygon is high interisity land	use	•		_
		Total for H 2:	-1	
Rating of Landscape Potential	[] 4-6 = H[] 1-3 = M[X] 0 = L	Record the rating on t	the first pa	ge
H 3.0 Is the habitat provided by the site	valuable to society?			
H 3.1 Does the site provide habitat for spe	cies valued in laws, regulations, or policies?			
Aspen Stands				
Biodiversity Areas and Corridors				
Herbaceous Balds				
Old-growth/Mature Forests				
Oregon White Oak				
Riparian				
Westside Prairie				
Fresh Deepwater				
Instream				
Nearshore (Coastal, Open Coast, Puget	Sound)			
Caves				
Cliffs				
Snags and Logs				
Talus				
The following criteria automatically scor	e 2 points:			
The wetland provides habitat for Threat	ened or Endangered species			
The wetland is mapped as a location fo	r an individual WDFW priority species			
The wetland is a Wetland of High Conse	ervation Value			
The wetland has been categorized as a	n important habitat site in a local plan			
The wetland has 3 or more WDFW priority	habitats within 100m, or meets the			

Rating of Value

criteria for societal value

The site has 1 or 2 WDFW priority habitats within 100m

The site does not meet any of the criteria for societal value

[] 2 = H[] 1 = M[X] 0 = L

Record the rating on the first page

Total for H 3:

Score:

0

points = 2

points = 1

points = 0

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

SC 1.0 Estuarine Wetlands

SC 1.1 Does the wetland meet all of the following criteria for Estuarine wetlands?	
The dominant water regime is tidal	
The wetland is vegetated	
The water salinity is greater than 0.5 ppt	
Yes - Go to SC 1.2	
No - Not an Estuarine Wetland	Result:
SC 1.2 <u>Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve,</u>	
State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-15	<u>1?</u>
Van Catanana I Estuado Matland	
Yes - Category I Estuarine Wetland No - Go to SC 1.3	Decults
	Result:
SC 1.3 Is the wetland unit at least 1ac in size and meets at least two of the following three condi	
The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 10% cover of non-native plant species.	l
At least 75% of the landward edge of the wetland has a 100ft buffer of shrub, forest, or un-	
grazed or un-mowed grassland	
The wetland has at least two of the following features: tidal channels, depressions with open	
water, or contiguous freshwater wetlands.	
Yes - Category I Estuarine Wetland	
No - Category II Estuarine Wetland	Result:
SC 2.0 Wetlands of High Conservation Value	
SC 2.1 Does the wetland overlap with any known or historical rare plant or rare & high-quality e	<u>cosystem polygons on</u>
the WNHP Data Explorer?	
Yes - Category I Wetland of High Conservation Value	
No - Go to SC 2.2	Result:
SC 2.2 Does the wetland have a rare plant species, rare plant community, or high-quality common	on plant community that
may qualify the site as a WHCV?	
Yes - Category I Wetland of High Conservation Value	D 1
No - Not a Wetland of High Conservation Value	Result:

SC	3.	0.	Bo	as

SC 3.1 Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compo	ose 16in or
more of the first 32in of the soil profile?	
Yes - Go to SC 3.3	
No - Go to SC 3.2 Result:	
SC 3.2 Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 1	6 in deep over
bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or p	oond?
Yes - Go to SC 3.3	
No - Not a Bog Wetland Result:	
SC 3.3 Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at le	ast 30% cover
of plant species listed in the table provided in the instructions?	
Yes - Category I Bog Wetland	
No - Go to SC 3.4 Result:	
SC 3.4 Is an area with peats or mucks forested (>30% cover) with Sitka spruce, subalpine fir, western red of	cedar, western
hemlock, lodgepole pine, quaking aspen, Engelmann Spruce, or western white pine AND any of the species	es (or
combinations of species) listed in the table found in the instructions provide more than 30% of the cover	<u>under the</u>
canopy?	
Yes - Category I Bog Wetland	
No - Not a Bog Wetland Result:	
SC 4.0 Forested Wetlands	
SC 4.1 Does the wetland have at least 1 contiguous acre of forest that meets one of the following criteria:	?
Old-growth forests	
Mature forests	
Yes - Category I Forested Wetland	
No - Not a Forested Wetland Result:	

SC 5.0 Wetlands in Coastal Lagoons

SC 5.1 Coastal Lagoons: Does the wetland meet all of the following criteria of a wetland in a coa	<u>stal lagoon?</u>
The wetland lies in a depression adjacent to marine waters that is wholly or partially	
separated from marine waters by sandbanks, gravel banks, shingle, or rocks	
The depression in which the wetland is located contains ponded water that is saline or	
brackish (>0.5 ppt) during most of the year in at least a portion of the open water area (measured	d
near the bottom)	
The lagoon retains some of its surface water at low tide during spring tides	
Yes - Go to SC 5.2	
No - Not a Coastal Lagoon Wetland	Result:
SC 5.2 Does the wetland meet all of the following three conditions?	
The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and	
has less than 20% cover of aggressive, opportunistic plant species (see list of species).	
At least 75% of the landward edge of the wetland has a 100ft buffer of shrub, forest, or un-	
grazed or un-mowed grassland.	
the wetland is larger than 0.10ac (4350 sqft)	
Yes - Category I Coastal Lagoon	
No - Category II Coastal Lagoon	Result:
SC 6.0 Interdunal Wetlands	
SC 6.0 Interdunal Wetlands SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners)	hip WBUO)?
	hip WBUO)?
	hip WBUO)?
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners)	hip WBUO)? Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2	
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland	
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland	
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size?	
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3	
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland	Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4	Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4	Result:
Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions?	Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions? Yes - Category I Interdunal Wetland	Result: Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions? Yes - Category I Interdunal Wetland No - Category II Interdunal Wetland	Result: Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions? Yes - Category I Interdunal Wetland No - Category II Interdunal Wetland	Result: Result:
SC 6.1 Is the wetland west of the 1889 line (also called the Western Boundary of Upland Owners) Yes - Go to SC 6.2 No - Not an Interdunal Wetland SC 6.2 Is the wetland 1ac or larger in size, or a mosaic that is 1ac or larger in size? Wetland is larger than 1ac in size - Go to SC 6.3 Wetland is a mosaic larger than 1ac is size - Category II Interdunal Wetland No - Go to SC 6.4 SC 6.3 Does the wetland score 8 or 9 points for the habitat functions? Yes - Category I Interdunal Wetland No - Category II Interdunal Wetland SC 6.4 Is the wetland unit between 0.1ac and 1ac, or in a mosaic of wetlands that is between 0.1ac	Result: Result:

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Final Category: Not Applicable



Figure 1. Cowardin Classes.

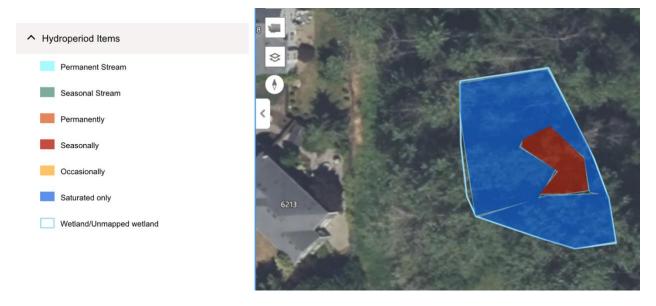


Figure 2. Hydroperiods



Figure 3. Surrounding landuse.



Figure 4. Contributing basin.

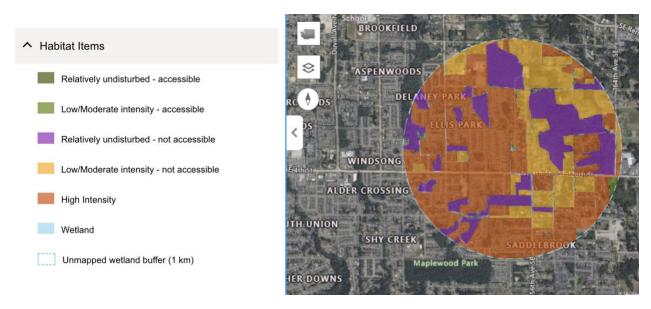


Figure 5. Habitat.

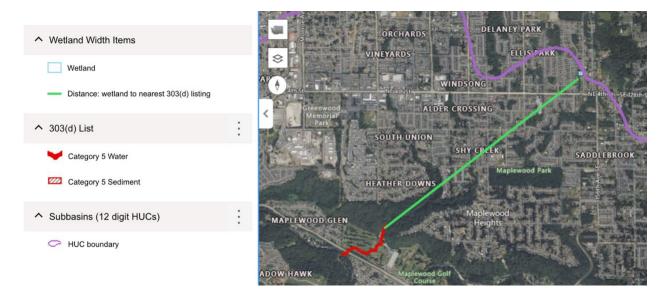


Figure 6. Distance to 303D water.



Figure 7. No TMDL for basin.

Appendix B: Data Sheets

Project/Site: DeShaw		Cit	ty/County:	King	Sampling Date:	3/8/25
Applicant/Owner:			_		te: Sampling Point:	DP-1
Investigator(s): MacWhinney		Se	ction, Towns	hip, Range:		
Landform (hillslope, terrace, etc.):			cal relief (cor	ncave, conve	ex, none):	Slope (%):
Subregion (LRR):				Long:	·	<u>-</u>
Soil Map Unit Name: Bellingham silt loam					NWI Classification:	
Are climatic / hydrologic conditions on the site typical for thi	s time of year	·?	O Y	es O	No (If no, explain in Remarks.)	
Are Vegetation , Soil , or Hydrology	significantly		_		Normal Circumstances" present?	Yes No
Are Vegetation , Soil , or Hydrology	naturally pro				eded, explain any answers in Remarks.)	•
SUMMARY OF FINDINGS – Attach site ma				`	,	
				100000	mo, aanooto, mportant loa	1100, 010.
Hydrophytic Vegetation Present? Yes Hydric Soil Present? Yes	N		Is the	Sampled A	_	
Wetland Hydrology Present? Yes	N		a Wet	land?	○ Yes	No No
Remarks:						
The site has been recently cleared, but this does not obscu	ıre pre-cleariı	ng conditio	ons.			
L VEGETATION – Use scientific names of μ	nlants					
VEGETATION 636 Scientino names of p			D.1."	1 " 1	Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size:)	Absolute % Cover	Dom. Sp.?	Relative % Cover	Indicator Status		
1				Status	Number of Dominant Species That Are OBL, FACW, or FAC:	1 (A)
2.					Total Number of Dominant Species	(/ \/
3.					Across All Strata:	2 (B)
4.					Percent of Dominant Species That	
		= Total C	Cover		Are OBL, FACW, or FAC:	50.0% (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. Rubus armeniacus		<u>Y</u>	57.1	FAC	Prevalence Index worksheet:	
2. Hedera helix	15	<u>Y</u>	42.9	FACU	Total % Cover of:	Multiply by:
3					· -	1 = <u>0</u> 2 = 0
5.						3 = 60
·	35	= Total C	Cover		· —	4 = 60
Herb Stratum (Plot size:)		_				5 = 0
1					Column Totals: 35 (A	
2					Prevalence Index = B/A =	3.429
3						
4					Hydrophytic Vegetation Indicator	
5. 6.					1 - Rapid Test for Hydrophytic 2 - Dominance Test is >50%	vegetation
					3 - Prevalence Index is ≤3.0¹	
8.					4 - Morphological Adaptations ¹	(Provide supporting data in
9.					Remarks or on a separate s	
10.					5 - Wetland Non-Vascular Plan	ts¹
11					Problematic Hydrophytic Vegeta	ation¹ (Explain)
		= Total C	Cover		¹ Indicators of hydric soil and wetland	hydrology must be present,
Woody Vine Stratum (Plot size:)					unless disturbed or problematic.	
1					Hydrophytic	
Z		= Total C	over		Vegetation	_
% Bare Ground in Herb Stratum 80					Present? Yes	No No
Remarks:					<u> </u>	
SOIL					Compling Doints	DD 1
Profile Description: (Describe to the depth needed to	document	the indic	etor or conf	irm the ahea	Sampling Point:	DP-1
Depth Matrix		edox Featu		the abst	one or manualors.	
	or (moist)	%	Type ¹	Loc²	Texture	Remarks
0-14 10YR 3/2					gsl	
US Army Corps of Engineers (WSDOT Adapted Form)					Western Mountains, Valley	s. and Coast – Version 2.0

		<u> </u>
¹Type: C=Concentration, D=Depletion, RM=Reduce	ed Matrix, CS=Covered or Coated Sand Grains	² Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRRs, u		Indicators for Problematic Hydric Soils3:
Histosol (A1)	Sandy Redox (S5)	2 cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)	Red Parent Material (TF2)
Black Histic (A3) Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (except MLRA 1) Loamy Gleyed Matrix (F2)	Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	Other (Explain in Kemarks)
Thick Dark Surface (A12)	Redox Dark Surface (F6)	Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	wetland hydrology must be present, unless
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	disturbed or problematic.
Restrictive Layer (if present):		
Type:		Hydric Soil Present? Yes No
Depth (inches):		Hydric Soil Present?
Remarks:		
HYDROLOGY		
Wetland Hydrology Indicators:		
Primary Indicators (minimum of one required; che	eck all that apply)	Secondary Indicators (2 or more required)
Surface Water (A1)	Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,
High Water Table (A2)	MLRA 1, 2, 4A, and 4B)	4A, and 4B)
Saturation (A3)	Salt Crust (B11)	Drainage Patterns (B10)
Water Marks (B1) Sediment Deposits (B2)	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Oxidized Rhizospheres along Living Roots (C3	
Algal Mat or Crust (B4)	Presence of Reduced Iron (C4)	Shallow Aquitard (D3)
Iron Deposits (B5)	Recent Iron Reduction in Tilled Soils (C6)	FAC-Neutral Test (D5)
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7)	Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Sparsely Vegetated Concave Surface (B8)	Other (Explain in remarks)	
Field Observations:		
Surface Water Present? Yes No	Depth (inches):	
Water Table Present? Yes No	Depth (inches):	
Saturation Present? Yes No	Depth (inches): Wetla	and Hydrology Present? Yes No
(includes capillary fringe)		
dry describe Recorded Data (stream gauge, monitoring	well, aerial photos, previous inspections), if available:	
u y		
Remarks:		

Project/Site: DeShaw		Cit	y/County: _I	King	Sampling Date:	3/8/25
Applicant/Owner:			_		ate: Sampling Point:	DP-2
Investigator(s): MacWhinney		Sec	ction, Towns	hip, Range:	<u></u>	
Landform (hillslope, terrace, etc.):			al relief (cor	ncave, conve	ex, none):	Slope (%):
Subregion (LRR):				Long:	·	· · · · · · · · · · · · · · · · · · ·
Soil Map Unit Name: Bellingham silt loam					NWI Classification:	
Are climatic / hydrologic conditions on the site typical for this	s time of year?	?	O Y	es O	No (If no, explain in Remarks.)	
Are Vegetation , Soil , or Hydrology	significantly	disturbed'	_		Normal Circumstances" present?	Yes No
Are Vegetation , Soil , or Hydrology	naturally prol			(If nea	eded, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site ma				•	,	
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Yes Yes Yes	O No)		Sampled A		● No
Remarks:						
The site has been recently cleared, but this does not obscu	re pre-clearin	g conditio	ns.			
VECETATION Line accomplific names of n	lonto					
VEGETATION – Use scientific names of p					<u> </u>	
Trop Stratum (Diet size:	Absolute	Dom.	Relative	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:) 1.		Sp.?	% Cover	Status	Number of Dominant Species That Are OBL, FACW, or FAC:	1 (A)
					Total Number of Dominant Species	(A)
3					Across All Strata:	1 (B)
4.					Percent of Dominant Species That	(/
		= Total C	over		Are OBL, FACW, or FAC:	100.0% (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. Rubus armeniacus	100	<u> </u>	100.0	FAC	Prevalence Index worksheet:	
2					Total % Cover of:	Multiply by:
3						1 = <u>0</u> 2 = 0
4. 5.						3 = 300
J	100	= Total C	over			4 = 0
Herb Stratum (Plot size:)	100	rotal O	0101		· —	5 = 0
1					Column Totals: 100 (A	
2.					Prevalence Index = B/A =	3.000
3						
4					Hydrophytic Vegetation Indicator	
5.					1 - Rapid Test for Hydrophytic 1 - 2 - Dominance Test is >50%	Vegetation
6. 7.					3 - Prevalence Index is ≤3.0¹	
			_		4 - Morphological Adaptations ¹	(Provide supporting data in
9.					Remarks or on a separate s	
10.					5 - Wetland Non-Vascular Plan	ts¹
11					Problematic Hydrophytic Vegeta	ation¹ (Explain)
		= Total C	over		¹ Indicators of hydric soil and wetland	hydrology must be present,
Woody Vine Stratum (Plot size:)					unless disturbed or problematic.	
1					Hydrophytic	
Z		= Total C	over		Vegetation	
% Bare Ground in Herb Stratum					Present?	No No
Remarks:						
SOIL					Sampling Point:	DP-2
Profile Description: (Describe to the depth needed to	document t	he indica	tor or confi	rm the ahse		Dr-Z
Depth Matrix		dox Featu		abst		
	or (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16 10YR 3/2					gsl	
US Army Corps of Engineers (WSDOT Adapted Form)		. —			Western Mountains Valley	s, and Coast – Version 2.0

¹Type: C=Concentration, D=Depletion, RM=Reduce	ed Matrix CS=Covered or Coated Sand Grains	² Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRRs, t		Indicators for Problematic Hydric Soils3:
Histosol (A1)	Sandy Redox (S5)	2 cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)	Red Parent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F1) (except MLRA 1)	Very Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Other (Explain in Remarks)
Thick Dark Surface (A12)	Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	wetland hydrology must be present, unless
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	disturbed or problematic.
Restrictive Layer (if present):		
Type:		Hydric Soil Present? Yes No
Depth (inches):	<u> </u>	Hydric Soil Present?
Remarks:		
HYDROLOGY		
Wetland Hydrology Indicators:		
Primary Indicators (minimum of one required; che	eck all that apply)	Secondary Indicators (2 or more required)
Surface Water (A1)	Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,
High Water Table (A2)	MLRA 1, 2, 4A, and 4B)	4A, and 4B)
Saturation (A3) Water Marks (B1)	Salt Crust (B11) Aquatic Invertebrates (B13)	Drainage Patterns (B10) Dry-Season Water Table (C2)
Sediment Deposits (B2)	Hydrogen Sulfide Odor (C1)	Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Oxidized Rhizospheres along Living Roots (C	
Algal Mat or Crust (B4)	Presence of Reduced Iron (C4)	Shallow Aquitard (D3)
Iron Deposits (B5) Surface Soil Cracks (B6)	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Inundation Visible on Aerial Imagery (B7)	Other (Explain in Remarks)	Frost-Heave Hummocks (D7)
Sparsely Vegetated Concave Surface (B8)		
Field Observations:		
Surface Water Present? Yes No	Depth (inches):	
Water Table Present? Yes No	Depth (inches):	
Saturation Present? Yes No	Depth (inches): Wetla	and Hydrology Present? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring	well, aerial photos, previous inspections), if available:	
dry	,	
Remarks:		
Remarks.		

Project/Site: De	eShaw			City	/County:	King		Sampling Date:	3/7/25	
Applicant/Owner:	: Deshaw				•		ate: WA	Sampling Point:	DP-3	
Investigator(s):	MacWhinney			Sect	tion, Towns	hip, Range:				
Landform (hillslo	pe, terrace, etc.)						ex, none):		Slope (%):	
Subregion (LRR)):		Lat:			Long:				
Soil Map Unit Na							NWI Class			
Are climatic / hyd	drologic condition	ns on the site typical	for this time of year	r?	ΟY	es O	No (If no, e	xplain in Remarks.)		
Are Vegetation	, Soil	, or Hydrology	significantly	disturbed?		Are"	Normal Circumsta	nces" present?	O Yes	O No
Are Vegetation	, Soil	, or Hydrology	naturally pro	oblematic?		(If ne	eded, explain any a	nswers in Remarks.)	_	_
SUMMARY (OF FINDING	⊐ iS – Attach site	ட e map showir	ng samp	ling poi	nt locatio	ons, transects	s, important fea	tures, etc	
	getation Present				1			•	<u> </u>	
Hydric Soil Pre		Ye				Sampled A	rea within	■ V	O N	
Wetland Hydrol	logy Present?	Ye	s ŌN	lo	a wet	land?		Yes	○ No	
		ientific names	Absolute	Dom.	Relative	Indicator	Dominance Te			
	(Plot size:)	% Cover	Sp.?	% Cover	Status		ninant Species That		/A\
1.							Are OBL, FACV	•	1	_ (A)
_							Across All Stra	of Dominant Species	1	(B)
							•	inant Species That		_ (-)
				= Total Co	over		Are OBL, FAC	•	100.0%	(A/B)
Sapling/Shrub S	<u>Stratum</u> (Plot	size:)	_						
							Prevalence Ind			
							OBL species	Cover of: 20 x 1	Multiply by:	_
							FACW species			_
5							FAC species	$\frac{0}{0}$ $\times 3$		_
·				= Total Co	over		FACU species			
Herb Stratum	(Plot size:)		_			UPL species	0 x 5	5 = 0	
1. Carex obnu	ıpta		20	<u>Y</u>	100.0	OBL	Column Totals:	20 (A	20	(B)
2.							Prevaler	nce Index = B/A =	1.000	
3.							Hydrophytic V	/egetation Indicators	 s:	
5.							· I — · · ·	Test for Hydrophytic \		
6.							• ===	nance Test is >50%	3	
7.							3- Preval	ence Index is ≤3.0¹		
8.								ological Adaptations¹ (orting data in
							•	rks or on a separate sh		
							. 📖	nd Non-Vascular Plant		`
11				= Total Co)Ver		.	ic Hydrophytic Vegeta ydric soil and wetland	` .	•
Woody Vine Str	ratum (Plotis	ize:		10tal C0	, v Gi			d or problematic.	nyururugy mu	ist be bresent
1.	,									
2.							Hydrophytic			
0/ D C	lim limit Of t			_= Total Co	over		Vegetation	Yes	0 1	No
% Bare Ground Remarks:	l in Herb Stratum	90					Present?			
Remarks:										
201										
SOIL	diam. (D. "	a to the dead	dadás de er	4h a 2 21 1		ima di I		Sampling Point:	DP-3	
Profile Descrip Depth		e to the depth need				irm the abs	ence of indicators	S.)		
(inches)	Mat Color (moist		Color (moist)	edox Featur %	es Type¹	Loc²	Texture		Remarks	
0-12	,	3/2	, /							
12-14		3/2	10YR 4/6	5	С		gsl			
<u></u>				<u> </u>	- <u> </u>		<u> </u>			
US Army Corps	of Engineers (W	SDOT Adapted Forn	n)		-		West	tern Mountains, Valley	s, and Coast-	- Version 2.0

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.	² Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except MLRA 1) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Redox Depressions (F8)	2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Restrictive Layer (if present):	
Туре:	■ V O N
Depth (inches):	Hydric Soil Present? Yes No
Remarks:	
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required: check all that apply) J Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) J Saturation (A3) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) Oxidized Rhizospheres along Living Roots Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Field Observations:	Secondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Surface Water Present? Yes No Depth (inches): 1 Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No Depth (inches): We	etland Hydrology Present? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available	y.
((.	
Daniela	
Remarks:	

Project/Site: DeShaw		Cit	ty/County:	King	Sampling Date:	3/8/25
Applicant/Owner:			_		te: Sampling Point:	: DP-4
Investigator(s): MacWhinney		Se	ction, Towns	hip, Range:		
Landform (hillslope, terrace, etc.):			cal relief (cor		ex, none):	Slope (%):
Subregion (LRR):				Long:	· · · · · · · · · · · · · · · · · · ·	-
Soil Map Unit Name: Bellingham silt loam					NWI Classification:	
Are climatic / hydrologic conditions on the site typical for this	s time of year	·?	O Y	es O	No (If no, explain in Remarks.)	
Are Vegetation , Soil , or Hydrology	significantly		_		Normal Circumstances" present?	Yes No
Are Vegetation , Soil , or Hydrology	naturally pro	oblematic?	?	(If nea	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site ma				nt locatio	ons. transects. important fea	atures. etc.
Hydrophytic Vegetation Present? Yes	N	lo		Sampled A	· ·	
Hydric Soil Present? Yes Wetland Hydrology Present? Yes	O N			land?	○ Yes	No
Remarks:						
The site has been recently cleared, but this does not obscu	re pre-clearir	ng conditio	ons.			
,	•	Ü				
VEGETATION – Use scientific names of p	olants.					
	Absolute	Dom.	Relative	Indicator	Dominance Test worksheet:	_
<u>Tree Stratum</u> (Plot size:)	% Cover	Sp.?	% Cover	Status	Number of Dominant Species That	
1. Populus balsamifera	80	<u>Y</u>	100.0	FAC	Are OBL, FACW, or FAC:	1(A)
2					Total Number of Dominant Species Across All Strata:	3 (B)
3					Percent of Dominant Species That	<u> </u>
	80	= Total C	Cover		Are OBL, FACW, or FAC:	33.3% (A/B)
Sapling/Shrub Stratum (Plot size:)		-				``````
Sambucus racemosa	20	<u>Y</u>	20.0	FACU	Prevalence Index worksheet:	
2.		<u>Y</u>	80.0		Total % Cover of:	Multiply by:
3.					<u> </u>	1 = 0
4.					· —	2 = <u>0</u> 3 = 240
5	100	= Total C	`over			3 = <u>240</u> 4 = 80
Herb Stratum (Plot size:)	100	10tal C	JOVEI			5 = 0
1.					Column Totals: 100 (A	
2.					Prevalence Index = B/A =	3.200
3						
4					Hydrophytic Vegetation Indicator	
5.					1 - Rapid Test for Hydrophytic	Vegetation
6					2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹	
8.					4 - Morphological Adaptations ¹	(Provide supporting data in
9.					Remarks or on a separate s	, ., .
10.					5 - Wetland Non-Vascular Plan	nts¹
11					Problematic Hydrophytic Vegeta	ation¹ (Explain)
		= Total C	Cover		¹ Indicators of hydric soil and wetland	I hydrology must be present,
Woody Vine Stratum (Plot size:)					unless disturbed or problematic.	
1					Hydrophytic	
		= Total C	over		Vegetation	
% Bare Ground in Herb Stratum		-			Present? Yes	s No
Remarks:						
species listed have been cut.						
SOIL					Sampling Point:	: DP-4
Profile Description: (Describe to the depth needed to	document	the indica	ator or confi	irm the abse		
Depth Matrix		edox Featu			•	
(inches) Color (moist) % Col	or (moist)	%	Type ¹	Loc ²	Texture	Remarks
<u>0-15</u> <u>10YR</u> <u>3/2</u>					gsl	
US Army Corps of Engineers (WSDOT Adapted Form)					Western Mountains, Valle	ys, and Coast – Version 2.0

		<u> </u>			
¹Type: C=Concentration, D=Depletion, RM=Reduce	ed Matrix, CS=Covered or Coated Sand Grains	² Location: PL=Pore Lining, M=Matrix.			
Hydric Soil Indicators: (Applicable to all LRRs, u		Indicators for Problematic Hydric Soils3:			
Histosol (A1)	Sandy Redox (S5)	2 cm Muck (A10)			
Histic Epipedon (A2)	Stripped Matrix (S6)	Red Parent Material (TF2)			
Black Histic (A3)	Loamy Mucky Mineral (F1) (except MLRA 1)	Very Shallow Dark Surface (TF12)			
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Other (Explain in Remarks)			
Thick Dark Surface (A12)	Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and			
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	wetland hydrology must be present, unless			
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	disturbed or problematic.			
Restrictive Layer (if present):					
Type:		Hydric Soil Present? Yes No			
Depth (inches):	<u> </u>	Hydric Soil Present?			
Remarks:					
HYDROLOGY					
Wetland Hydrology Indicators:					
Primary Indicators (minimum of one required; che	eck all that apply)	Secondary Indicators (2 or more required)			
Surface Water (A1)	Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,			
High Water Table (A2)	MLRA 1, 2, 4A, and 4B)	4A, and 4B)			
Saturation (A3) Water Marks (B1)	Salt Crust (B11) Aquatic Invertebrates (B13)	Drainage Patterns (B10) Dry-Season Water Table (C2)			
Sediment Deposits (B2)	Hydrogen Sulfide Odor (C1)	Saturation Visible on Aerial Imagery (C9)			
Drift Deposits (B3)	Oxidized Rhizospheres along Living Roots (C				
Algal Mat or Crust (B4)	Presence of Reduced Iron (C4)	Shallow Aquitard (D3)			
Iron Deposits (B5) Surface Soil Cracks (B6)	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)			
Inundation Visible on Aerial Imagery (B7)	Other (Explain in Remarks)	Frost-Heave Hummocks (D7)			
Sparsely Vegetated Concave Surface (B8)		` '			
Field Observations:					
Surface Water Present? Yes No	Depth (inches):				
Water Table Present? Yes No					
Saturation Present? Yes No	Depth (inches): Wetla	and Hydrology Present? Yes No			
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:					
dry					
Pomorko:					
Remarks:					

1.4	
1 X	1
12	
-	
Depart	n
Depart	'

KING COUNTY

nent of Local Services **Permitting Division**

Residential Site Plan Template 11" x 17"

For Permitting Use

Received Date _____

Max. Impervious Surface Allowed Max. Bldg. Height Allowed

Min. Bldg. setback from Street

Min. Garage setback from Street

Min. Bldg. setback from Interior _

Signature _____ Date _____

Building Approval

Signature _ Date _____

Engineering / Drainage Approval

Signature _____ Date ______

Critical Areas Approval

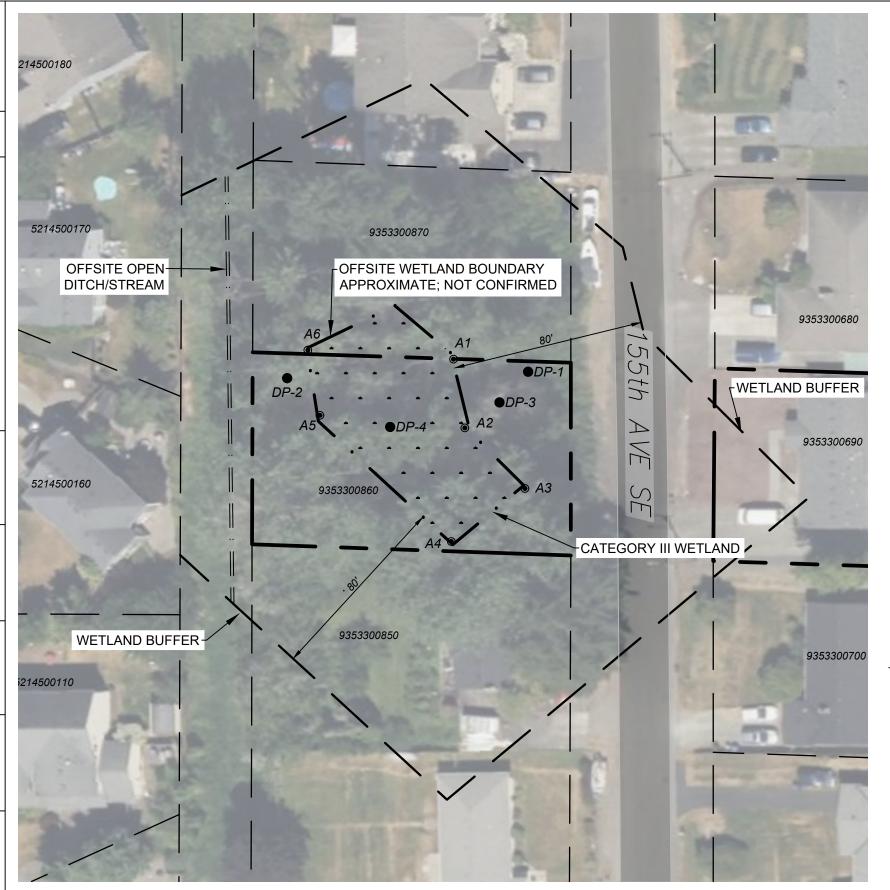
Signature _____ Date _____

Clearing / Grading Approval

Signature _____ Date _____

Fire Approval

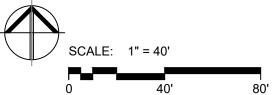
Signature Date



PLAN LEGEND

--- DITCH/STREAM WETLAND BOUNDARY WETLAND BUFFER ADJACENT PROPERTY LINE PROPERTY LINE WETLANDS AREA ROADWAY PARCEL I.D. 9353300690 **●**DP-3 DATA POINT LOCATION

WETLANDS AND STREAMS HAVE NOT BEEN SURVEYED. THE MAPPING SHOWN IS BASED ON A HANDHELD GPS AND KING COUNTY IMAP PARCEL DATA MAPS. IF PRECISE LOCATIONS ARE REQUIRED, A SURVEY WILL BE NECESSARY.



WETLANDS AND STREAMS HAVE NOT BEEN SURVEYED. THE MAPPING SHOWN IS BASED ON A HANDHELD GPS AND KING COUNTY IMAP PARCEL DATA MAPS. IF PRECISE LOCATIONS ARE REQUIRED, A SURVEY WILL BE NECESSARY.

Permit Number _____ Parcel Number <u>9353300860</u> Applicant Name <u>ANTHONY & JACKIE DESHAW</u>

Site NO SITUS - 155TH AVE SE 98059 Address

Engineering

Scale: 1" = 40'

Sheet _1___ of _1___

APPENDIX E

White Fence Ranch Plat Map August, 1960.

Maureen Highlands Plat Map November, 2003.

Maureen Highlands

DIV. I

LUA-03-060-FP LND-10-0377

A PORTION OF THE NE 1/4, SW 1/4 & SE 1/4, SW 1/4, SEC. 11, TWP. 23 N., RGE. 5 E., W.M., CITY OF RENTON, KING COUNTY. WASHINGTON

LEGAL DESCRIPTION

LOT 2 OF CITY OF RENTON LOT LINE ADJUSTMENT NO. LUA-03-083-LLA, RECORDED IN VOLUME 163 OF SURVEYS, PAGES 56 & 56A, UNDER RECORDING NO. 20030924900008, IN KING COUNTY, WASHINGTON.

DEDICATION / CERTIFICATION

KNOW ALL PEOPLE BY THESE PRESENTS THAT WE, THE UNDERSIGNED OWNERS IN FEE SIMPLE OF THE LAND HEREBY PLATTED, HEREBY DECLARE THIS PLAT AND DEDICATE TO THE USE OF THE PUBLIC FOREVER ALL STREETS AND AVENUES SHOWN HEREON AND THE USE THEREOF FOR ALL PUBLIC HIGHWAY PURPOSES; ALSO THE RIGHT TO MAKE ALL NECESSARY SLOPES FOR CUTS AND FILLS UPON THE LOTS AND BLOCKS SHOWN ON THIS PLAT IN THE ORIGINAL REASONABLE GRADING OF THE STREETS AND AVENUES SHOWN HEREON, AND FURTHER DEDICATE TO THE USE OF THE PUBLIC, ALL THE EASEMENTS SHOWN ON THIS PLAT FOR ALL PUBLIC PURPOSES AS INDICATED THEREON, INCLUDING BUT NOT LIMITED TO UTILITIES AND DRAINAGE.

TRACTS A, C, D, AND H ARE HEREBY GRANTED AND CONVEYED TO THE MAUREEN HIGHLANDS HOMEOWNERS ASSOCIATION (HOA) UPON RECORDING OF THIS PLAT FOR THE PURPOSES LISTED BELOW. OWNERSHIP AND MAINTENANCE (INCLUDING ALL PRIVATE STROM DRAIN AND DETENTION FACILITIES) OF SAID TRACTS SHALL BE THE RESPONSIBILITY OF THE HOA. IN THE EVENT THAT THE HOA IS DISSOLVED OR OTHERWISE FAILS TO MEET ITS PROPERTY TAX OBLIGATIONS AS EVIDENCED BY NON-PAYMENT OF PROPERTY TAXES FOR A PERIOD OF EIGHTEEN (18) MONTHS, THEN EACH LOT IN THIS PLAT SHALL ASSUME AND HAVE AN EQUAL AND UNDIVIDED OWNERSHIP INTEREST IN THE TRACTS PREVIOUSLY OWNED BY THE HOA AND HAVE THE ATTENDANT FINANCIAL AND MAINTENANCE RESPONSIBILITIES.

TRACTS A AND C ARE HEREBY GRANTED AND CONVEYED TO THE HOA FOR STORM DETENTION TOGETHER WITH AN EASEMENT TO THE CITY OF RENTON FOR ACCESS.

TRACT D IS HEREBY GRANTED AND CONVEYED TO THE HOA FOR A WETLAND ENHANCEMENT AREA.

TRACT H IS HEREBY GRANTED AND CONVEYED TO THE HOA FOR INGRESS, EGRESS, DRAINAGE AND UTILITIES TOGETHER WITH AN EASEMENT TO LOT 74 FOR INGRESS AND EGRESS AND TO THE CITY OF RENTON FOR ACCESS TO TRACT A. SAID ASSOCIATION IS HEREBY RESPONSIBLE FOR THE MAINTENANCE OF THE DRAINAGE AND UTILITY FACILITIES WITHIN SAID TRACT. SAID ASSOCIATION AND THE OWNERS OF LOT 74 ARE HEREBY JOINTLY RESPONSIBLE FOR THE MAINTENANCE OF THE INGRESS AND EGRESS FACILITIES WITHIN SAID TRACT.

TRACT E IS HEREBY GRANTED AND CONVEYED TO THE OWNERS OF LOT 1, CITY OF RENTON LOT LINE ADJUSTMENT NO. LUA-03-083-LLA, RECORDED IN VOLUME 163 OF SURVEYS, PAGES 56 & 56A, UNDER RECORDING NO. 20030924900008, FOR INGRESS, EGRESS, DRAINAGE AND UTILITIES. SAID OWNERS ARE HEREBY RESPONSIBLE FOR THE MAINTENANCE OF SAID TRACT.

TRACT I IS HEREBY RESERVED FOR BY THE OWNERS, OR THEIR ASSIGNS, FOR FUTURE DEVELOPMENT.

KNOW ALL PEOPLE BY THESE PRESENTS, THAT WE THE HEREIN BELOW SIGNED OWNERS IN FEE SIMPLE OF THE LAND HEREBY SUBDIVIDED, HEREBY CERTIFY THAT WE HAVE ESTABLISHED THE MAUREEN HIGHLANDS HOMEOWNERS ASSOCIATION IN ACCORDANCE WITH WASHINGTON STATE LAW WHICH IDENTIFIES EACH LOT OF THIS PLAT AS A MEMBER OF SAID HOMEOWNERS ASSOCIATION. SAID ASSOCIATION IS SUBJECT TO THE DECLARATION OF COVENANTS AND RESTRICTIONS FOR THE PLAT OF MAUREEN HIGHLANDS, DIV. I, AS DISCLOSED BY INSTRUMENT UNDER KING COUNTY RECORDING NO.

IN WITNESS WHEREOF WE HAVE SET OUR HANDS AND SEALS.

HARBOUR HOMES, INC., A WASHINGTON CORPORATION AS OWNER OF LOTS 1 AND 2, CITY OF RENTON LOT LINE ADJUSTMENT NO. LUA-03-083-LLA, RECORDED IN VOLUME 163 OF SURVEYS, PAGES 56 & 56A, UNDER KING COUNTY RECORDING NO. 20030924900008. SIGNING ON BEHALF OF INTEREST IN LOT 1 TO ACCEPT CONVEYANCE OF TRACT F

BY: George Nefficion ITS: Scentium / Toesseures U.S. BANK N.A.

DERING SEDERSTEAM ITS: VICE PRESIDENT

DECLARATION OF COVENANT

THE OWNER OF THE LAND EMBRACED WITHIN THIS LONG PLAT, IN RETURN FOR THE BENEFIT TO ACCRUE FROM THIS SUBDIVISION, BY SIGNING HEREON COVENANTS AND HEREBY CONVEYS THE BENEFICIAL INTEREST IN THE NEW EASEMENTS SHOWN ON THIS LONG PLAT TO ANY AND ALL FUTURE PURCHASERS OF THE LOTS, OR OF ANY SUBDIVISION THEREOF. THE COVENANT SHALL RUN WITH THE LAND AS SHOWN ON THIS LONG PLAT.

ACKNOWLEDGMENTS

STATE OF WASHINGTON)

COUNTY OF King)

I CERTIFY THAT I KNOW OR HAVE SATISFACTORY EVIDENCE THAT GEORGE LEFTEN IS THE PERSON THAT APPEARED BEFORE ME, AND SAID PERSON ACKNOWLEDGED THAT HE/SHE SIGNED THIS INSTRUMENT; ON OATH STATED THAT HE/SHE WAS AUTHORIZED TO EXECUTE THE INSTRUMENT; AND ACKNOWLEDGED IT AS OF HOMES TO BE THE FREE AND VOLUNTARY ACT OF SUCH PARTY FOR THE USES AND PURPOSES MENTIONED IN THE INSTRUMENT.

DATED: Nov. 12 , 2003.

PRINTED NAME: Jennifer A. Valento
NOTARY PUBLIC IN AND FOR THE
SION RESIDING AT SEATTLE MA
APPOINTMENT EXPIRES WAS APPOINTMENT EXPIRES

STATE OF WASHINGTON

COUNTY OF King

PUBLIC

DATED: Nov. 12 2003.

PRINTED NAME A Valenta
NOTARY PUBLIC IN AND FOR THE
STONE OF WASHINGTON HE
RESIDING AT APPOINTMENT EXPIRES WASHINGTON HE
MY APPOINTMENT EXPIRES

SURVEYOR'S CERTIFICATE

I, KEVIN J. VANDERZANDEN, HEREBY CERTIFY THAT THIS PLAT OF MAUREEN HIGHLANDS, DIV. I, IS BASED ON AN ACTUAL SURVEY IN SECTION 11, TOWNSHIP 23 NORTH, RANGE 5 EAST, W.M., KING COUNTY WASHINGTON; THAT THE COURSES AND DISTANCES ARE SHOWN CORRECTLY HEREON, THAT THE MONUMENTS WILL BE SET AND THE LOT CORNERS STAKED CORRECTLY ON THE GROUND; AND THAT I HAVE FULLY COMPLIED WITH THE PROVISIONS OF THE PLATTING REGULATIONS.

KEVIN J. VANDERZANDEN
PROFESSIONAL LAND SURVEYOR
LICENSE NO. 30427

STATE OF WASHINGTON

DATE: 11/10/03

CITY OF RENTON APPROVALS

CITY OF RENTON PLANNING / BUILDING / PUBLIC WORKS DEPARTMENT

EXAMINED AND APPROVED THIS 20 DAY OF NOVEMBER, 2003.

CITY OF RENTON MAYOR

EXAMINED AND APPROVED THIS 20 DAY OF November, 2003.

CITY OF RENTON

EXAMINED AND APPROVED THIS 20 DAY OF November, 2003.

CITY OF RENTON

EXAMINED AND APPROVED THIS 20 DAY OF November, 2003.

CITY OF RENTON FINANCE DIRECTOR'S CERTIFICATE

I HEREBY CERTIFY THAT THERE ARE NO DELINQUENT SPECIAL ASSESSMENTS AND THAT ALL SPECIAL ASSESSMENTS CERTIFIED TO THE CITY TREASURER FOR COLLECTION ON ANY PROPERTY HEREIN CONTAINED DEDICATED FOR STREETS, ALLEYS OR OTHER PUBLIC USES ARE PAID IN FULL.

THIS ______ DAY OF NOVEMBER ______, 2003.

FINANCE DIRECTOR

KING COUNTY FINANCE DIVISION CERTIFICATE

I HEREBY CERTIFY THAT ALL PROPERTY TAXES ARE PAID, THAT THERE ARE NO DELINQUENT SPECIAL ASSESSMENTS CERTIFIED TO THIS OFFICE FOR COLLECTION AND, THAT ALL SPECIAL ASSESSMENTS CERTIFIED TO THIS OFFICE FOR COLLECTION ON ANY OF THE PROPERTY HEREIN CONTAINED, DEDICATED AS STREETS, ALLEYS OR FOR OTHER PUBLIC USE ARE PAID IN FULL.

Hen Guy
MANAGER, FINANCE DIVISION

MANAGER, FINANCE DIVISION

MANAGER, FINANCE DIVISION

MANAGER, FINANCE DIVISION

DEPT. OF ASSESSMENTS

EXAMINED AND APPROVED THIS 24th DAY OF NOVEMBER, 2003.

Scot Noble Rusell Scheidelman
KING COUNTY ASSESSOR

DEPUTY ASSESSOR

RECORDING CERTIFICATE

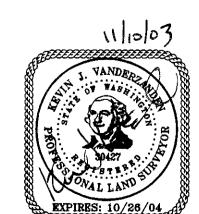
TAX ACCOUNT NO. 112305900105

FILED FOR RECORD AT THE REQUEST OF CITY OF RENTON THIS 24 DAY OF 1000, AND RECORDED IN VOLUME 219 OF PLATS, PAGES RECORDS OF KING COUNTY, WASHINGTON.

DIVISION OF RECORDS AND ELECTIONS

MANAGER

Wash
SUPERINTENDENT OF REGORDS



CORE

14711 N.E. 29th Pl. Suite 101 Bellevue, Washington 98007 425.885.7877 Fax 425.885.7963

ENGINEERING . PLANNING . SURVEYING

SHEET 2 OF 7

Maureen Highlands

LUA-03-060-FP LND-10-0377

A PORTION OF THE NE 1/4, SW 1/4 & SE 1/4, SW 1/4, SEC. 11, TWP. 23 N., RGE. 5 E., W.M., CITY OF RENTON, KING COUNTY, WASHINGTON



BASIS OF BEARINGS

N88'21'27"W ALONG MONUMENTED SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 11-23-5 PER CITY OF RENTON LOT LINE ADJUSTMENT LUA-01-080, VOL. 153 OF SURVEYS, PGS. 254-257, RECORDS OF KING COUNTY, WASHINGTON.

CITY OF RENTON REFERENCE MONUMENTS

NO. 1845 - BRASS PIN IN CONC. MON. IN CASE, DOWN 1.3', AT THE INTERSECTION OF S.E. 112TH ST. AND 148TH AVE. S.E. (NILE AVE. N.E.)

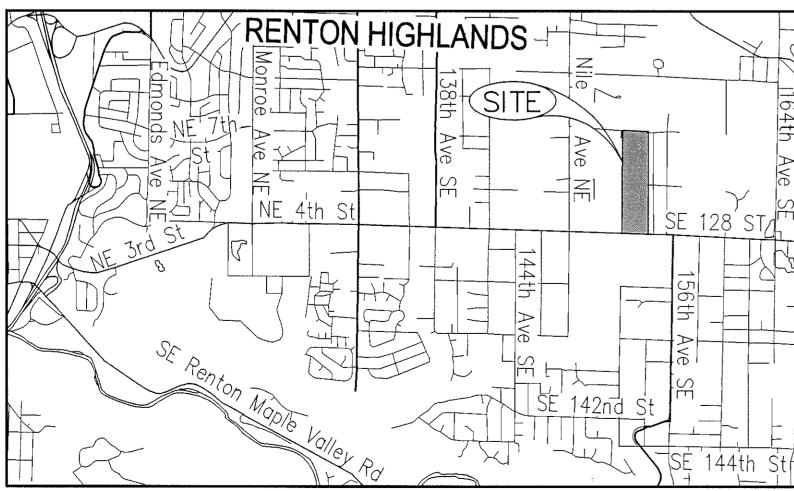
NO. 1852 - 3" FLAT BRASS SURFACE DISC AT THE INTERSECTION OF N.E. 4TH ST. AND NILE AVE. S.E.

SURVEYOR'S NOTES

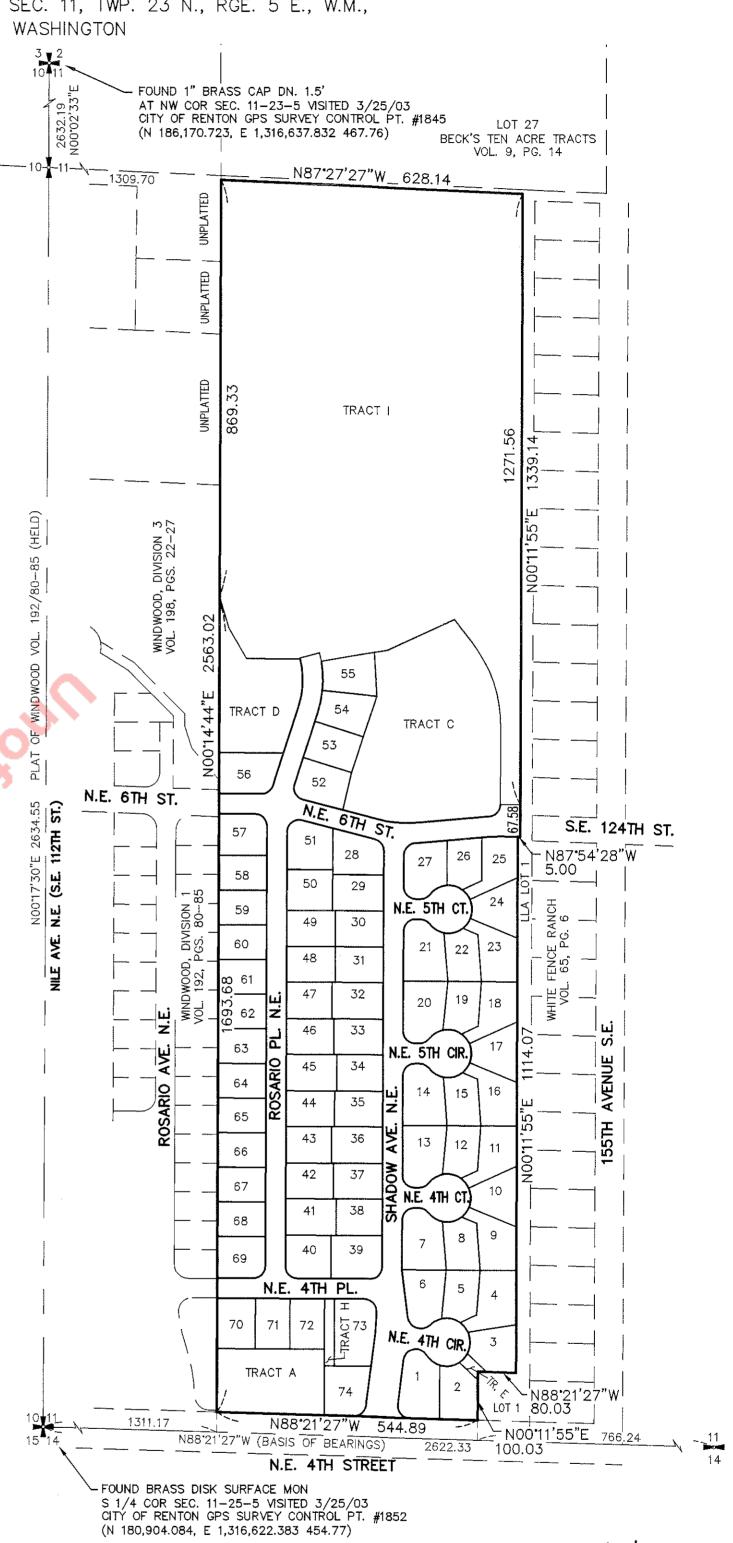
1) ALL TITLE INFORMATION SHOWN ON THIS MAP HAS BEEN EXTRACTED FROM FIRST AMERICAN TITLE INSURANCE COMPANY 3RD REPORT SUBDIVISION GUARANTEE, ORDER NO. 4209—146652, DATED APRIL 02, 2003 WITH SUPPLEMENTAL REPORTS 2, 3 AND 4, DATED APRIL 28, JUNE 03, AND SEPTEMBER 30, 2003, RESPECTIVELY. IN PREPARING THIS MAP, CORE DESIGN HAS CONDUCTED NO INDEPENDENT TITLE SEARCH NOR IS CORE DESIGN AWARE OF ANY TITLE ISSUES AFFECTING THE SURVEYED PROPERTY OTHER THAN THOSE SHOWN ON THE MAP AND DISCLOSED BY THE REFERENCED SUBDIVISION GUARANTEE. CORE DESIGN HAS RELIED WHOLLY ON FIRST AMERICAN TITLE COMPANY'S REPRESENTATIONS OF THE TITLE'S CONDITION TO PREPARE THIS SURVEY AND THEREFORE CORE DESIGN QUALIFIES THE MAP'S ACCURACY AND COMPLETENESS TO THAT EXTENT.

2) THIS IS A COMBINED FIELD TRAVERSE AND GLOBAL POSITIONING SYSTEM SURVEY. A SOKKIA FIVE SECOND ELECTRONIC TOTAL STATION AND A TRIMBLE MODEL 5700 GLOBAL POSITIONING SYSTEM WERE USED TO MEASURE THE ANGULAR AND DISTANCE RELATIONSHIPS
BETWEEN THE CONTROLLING MONUMENTATION AS SHOWN. CLOSURE RATIOS OF THE
TRAVERSE MET OR EXCEEDED THOSE SPECIFIED IN WAC 3322-130-090. DISTANCE MEASURING EQUIPMENT HAS BEEN COMPARED AT AN N.G.S. BASELINE WITHIN ONE YEAR OF THE DATE OF

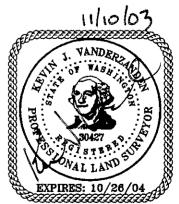
- 3) ALL DISTANCES ARE IN FEET.
- 4) AREA OF ENTIRE SITE: 1,594,143± S.F. (36.5965± AC.)







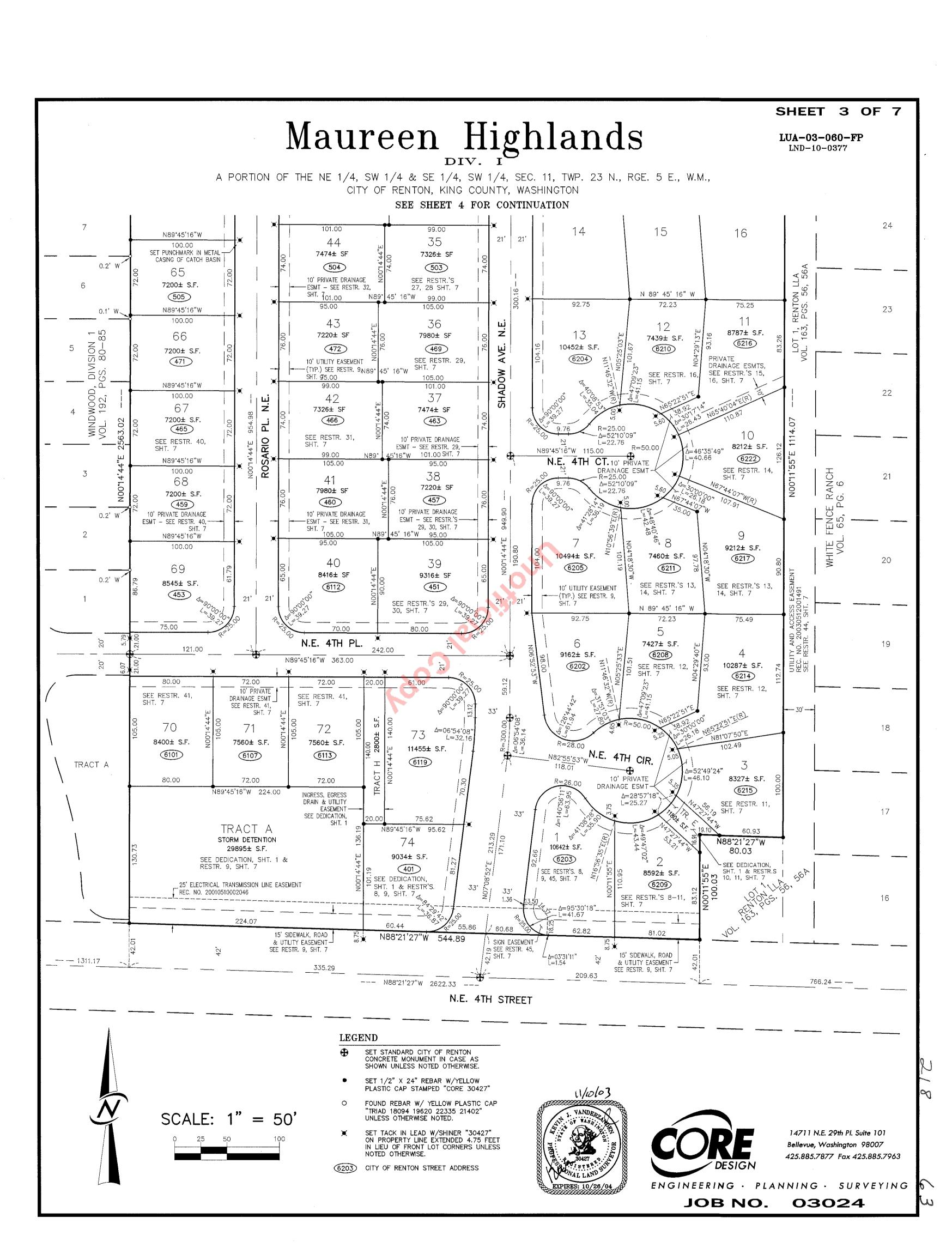
SECTION SUBDIVISION SW 1/4 SEC. 11, TWP. 23N, RGE. 5E, W.M. 1"=200"

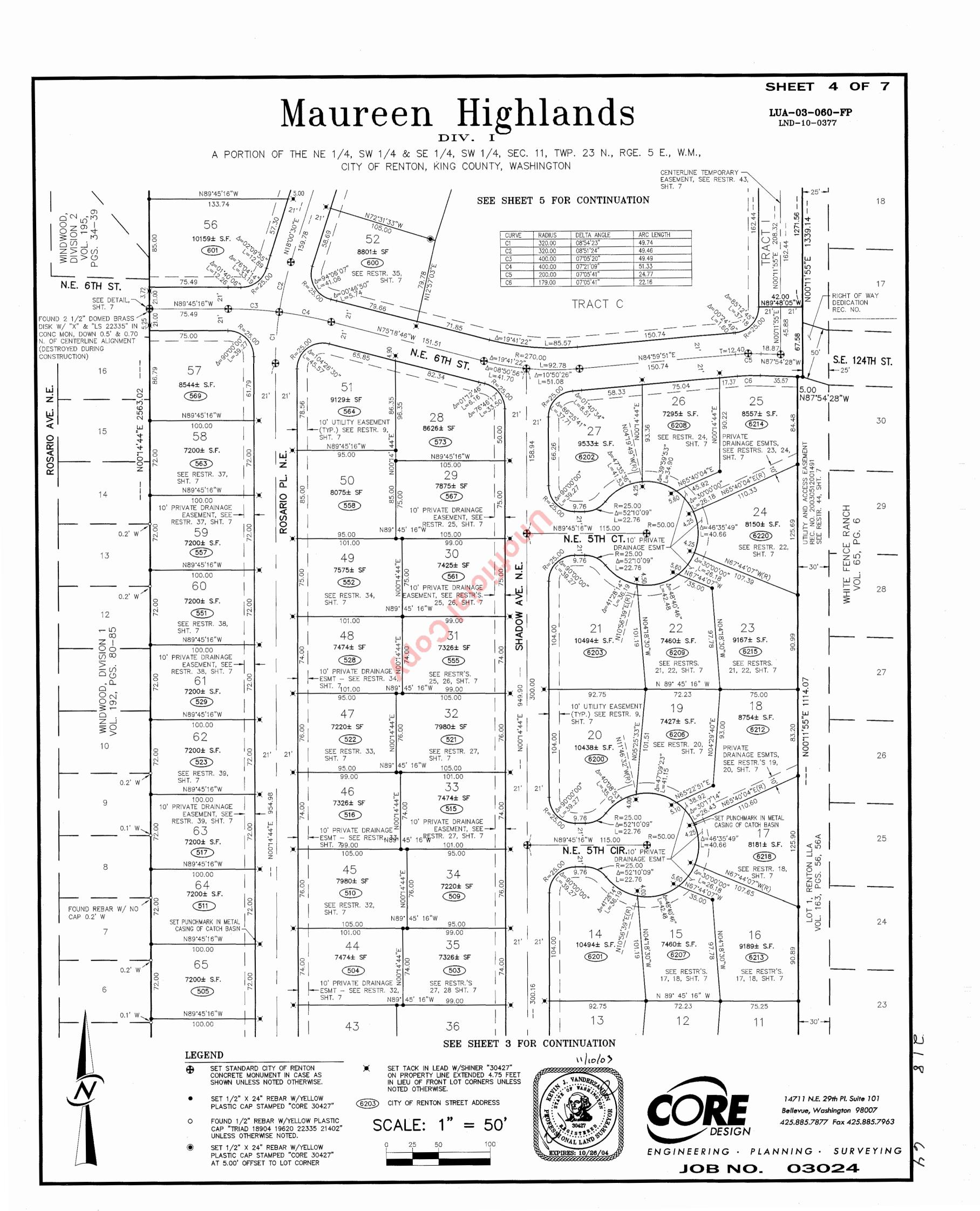


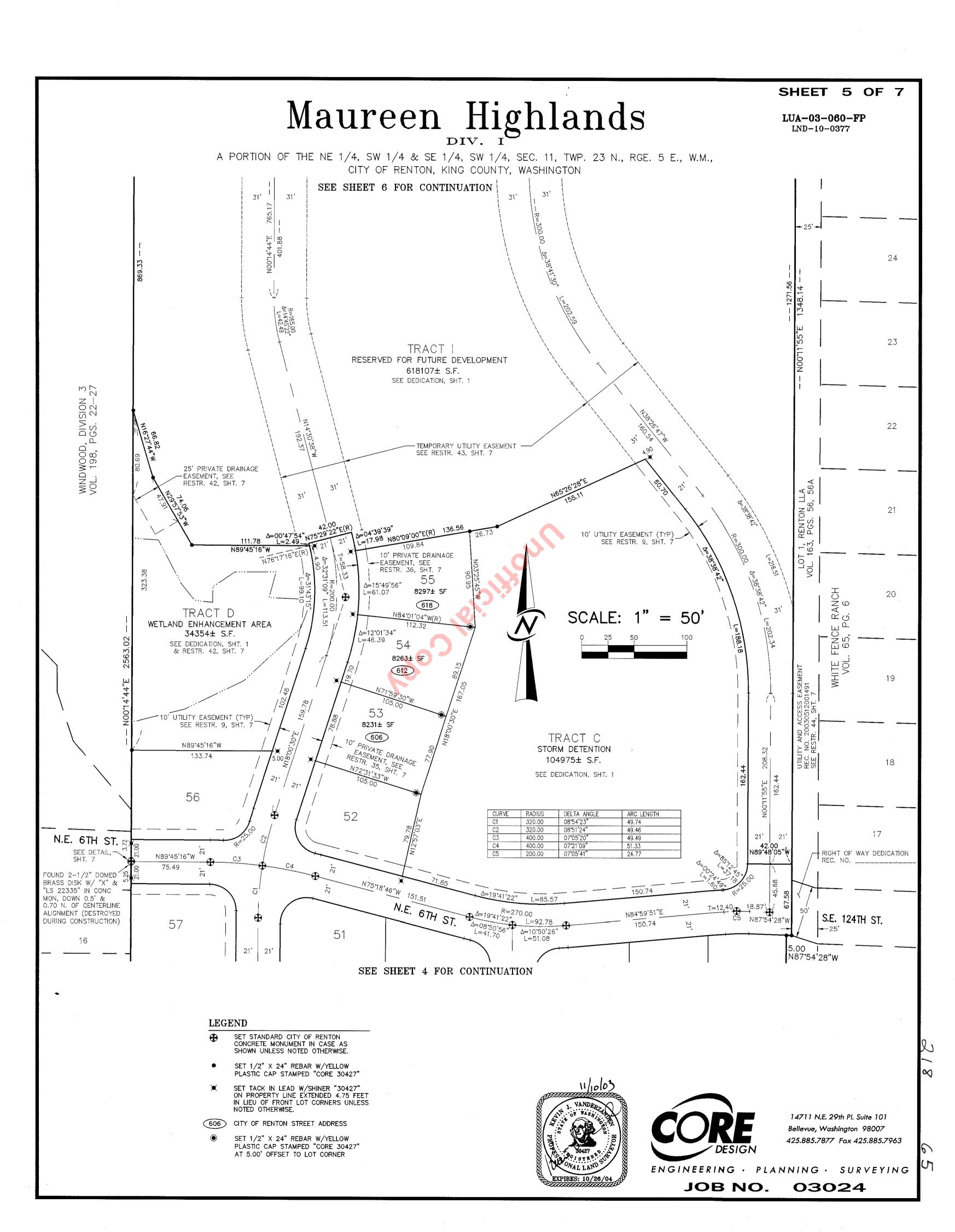


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ENGINEERING . PLANNING . SURVEYING







SHEET 6 OF 7

Maureen Highlands

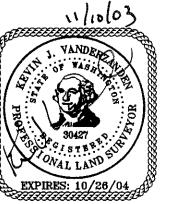
A PORTION OF THE NE 1/4, SW 1/4 & SE 1/4, SW 1/4, SEC. 11, TWP. 23 N., RGE. 5 E., W.M., CITY OF RENTON, KING COUNTY, WASHINGTON

LUA-03-060-FP LND-10-0377

LOT 27 BECK'S TEN ACRE TRACTS VOL. 9, PG. 14 N. LINE OF SW 1/4 OF SEC. 11-23-5 FOUND REBAR W/ YELLOW PLASTIC CAP "HGG PELS 6422" FOUND REBAR W/ ~ NO CAP 0.2 S. & 0.4 E. N87°27'27"W 628.14 31' / 1 31' AT CORNER 112.10 R=15.00 Δ=87*42'11" L=22.96 UNPLATTED 32 N87'27'27"W 319.84 N87*27'27"W 138.70 R = 15.00271.96 31 Δ=92°17'49" L=24.16 UNPLATTED TRACT I RESERVED FOR FUTURE DEVELOPMENT 30 618107± S.F. R=15.00 Δ=87**'**42'11" UTILITY AND ACC REC. NO. 20030: SEE RESTR. 44, L=22.96 29 N87°27'27"W 315.43 242.20 150.12 28 R=15.00 Δ=92'17'49" L=24.16 R=15.00 Δ=87°42'11" L=22.96 25.35 R=15.00 Δ=92*17'49" L=24.16 31' 2563.02 UNPLATTED 27 N00°14'44"E 264.82 N0011,55 TEMPORARY UTILITY EASEMENT SEE RESTR. 43, SHT. 7 26 RENTON LLA , PGS. 56, 56A LOT 1, F VOL. 163, SCALE: 1" = 50'25 R = 300.00-- 25' -- 31 31' SEE SHEET 5 FOR CONTINUATION

LEGEND

SET 1/2" X 24" REBAR W/YELLOW PLASTIC CAP STAMPED "CORE 30427"





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ENGINEERING . PLANNING . SURVEYING

Maureen Highlands

LUA-03-060-FP LND-10-0377

A PORTION OF THE NE 1/4, SW 1/4 & SE 1/4, SW 1/4, SEC. 11, TWP. 23 N., RGE. 5 E., W.M., CITY OF RENTON. KING COUNTY. WASHINGTON

RESTRICTIONS AND EASEMENTS

- 1. THIS SITE IS SUBJECT TO AN EASEMENT IN FAVOR OF SNOQUALMIE FALLS FOR ELECTRIC TRANSMISSION LINES, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN, AS DISCLOSED BY INSTRUMENTS RECORDED UNDER KING COUNTY RECORDING NOS. 183070 AND 20010510002046.
- 2. THIS SITE IS SUBJECT TO MINERAL RESERVATIONS AND EXCEPTIONS BY NORTHERN PACIFIC RAILROAD, INCLUDING THE TERMS AND CONDITIONS THEREOF, AS DISCLOSED BY INSTRUMENTS RECORDED UNDER KING COUNTY RECORDING NOS. 4855523, 20030125002078 AND 20030125002079.
- 3. THIS SITE IS SUBJECT TO THE RIGHT TO MAKE NECESSARY SLOPES FOR CUTS OR FILLS UPON SAID PREMISES AS GRANTED BY DEED RECORDED UNDER KING COUNTY RECORDING NO. 5827209.
- 4. THIS SITE IS SUBJECT TO AN AFFIDAVIT, AND THE TERMS AND CONDITIONS THEREOF, BY J. W. MORRISON, REGARDING THE WEST LINE OF SAID PREMISES, AS DISCLOSED BY INSTRUMENT RECORDED UNDER KING COUNTY RECORDING NO. 8011190344.
- 5. THIS SITE IS SUBJECT TO THE TERMS AND PROVISIONS OF CITY OF RENTON ORDINANCE NO. 4612, AS DISCLOSED BY INSTRUMENT RECORDED UNDER KING COUNTY RECORDING NO. 9606210966.
- 6. THIS SITE IS SUBJECT TO A SENSITIVE AREA NOTICE AGREEMENT, AND THE TERMS AND CONDITIONS THEREOF, AS DISCLOSED BY INSTRUMENT RECORDED UNDER KING COUNTY RECORDING NO. 2001032100413.
- 7. THIS SITE IS SUBJECT TO TERMS, COVENANTS, CONDITIONS, AND RESTRICTIONS AS CONTAINED IN CITY OF RENTON LOT LINE ADJUSTMENT AS RECORDED UNDER KING COUNTY RECORDING NO. 20020715900003.
- 8. NO DIRECT ACCESS SHALL BE ALLOWED ONTO NE 4TH STREET FROM LOTS 1, 2, AND 74.
- THE EASEMENTS DEPICTED ON THE MAP SHEETS OF THIS FINAL PLAT ARE FOR THE LIMITED PURPOSES LISTED BELOW AND ARE HEREBY CONVEYED FOLLOWING THE RECORDING OF THIS FINAL PLAT AS SPECIFIED ACCORDING TO THE RESERVATIONS LISTED BELOW.
- 9. AN EASEMENT IS HEREBY RESERVED, GRANTED, AND CONVEYED TO THE CITY OF RENTON, PUGET SOUND ENERGY, QWEST COMMUNICATIONS, COMCAST, KING COUNTY WATER DISTRICT NO. 90 AND THEIR RESPECTIVE SUCCESSORS AND ASSIGNS, UNDER AND UPON THE EXTERIOR 10 FEET OF ALL LOTS AND TRACTS, PARALLEL WITH AND ADJOINING EXISTING OR PROPOSED ACCESS RIGHT-OF-WAY, AND THE SOUTHERLY 15 FEET OF LOTS 1, 2, 74, AND TRACT A, IN WHICH TO INSTALL, LAY, CONSTRUCT, RENEW, OPERATE AND MAINTAIN UNDERGROUND DISTRIBUTION SYSTEMS WITH NECESSARY FACILITIES, SIDEWALKS, AND OTHER EQUIPMENT FOR THE PURPOSE OF SERVING THIS SUBDIVISION, AND OTHER PROPERTY, WITH UTILITY SERVICES AND SIDEWALKS, TOGETHER WITH THE RIGHT TO ENTER UPON THE LOTS AT ALL TIMES FOR THE PURPOSES HEREIN TOGETHER STATED. NO LINES OR WIRES FOR THE TRANSMISSION OF ELECTRIC CURRENT, OR FOR TELEPHONE USE, CABLE TELEVISION, FIRE OR POLICE SIGNAL, OR FOR OTHER PURPOSES, SHALL BE PLACED UPON ANY LOT UNLESS THE SAME SHALL BE UNDERGROUND OR IN CONDUIT ATTACHED TO A BUILDING.
- 10. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS TRACT E IS TO THE BENEFIT OF LOT 2. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 11. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 3 IS TO THE BENEFIT OF LOT 2 AND TRACT E. THE OWNERS OF SAID BENEFITED LOT AND TRACT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 12. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 4 IS TO THE BENEFIT OF LOT 5. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 13. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 9 IS TO THE BENEFIT OF LOT 8. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 14. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 10 IS TO THE BENEFIT OF LOTS 8 AND 9. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 15. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 11 IS TO THE BENEFIT OF MAUREEN HIGHLANDS HOMEOWNERS ASSOCIATION FOR AN EMERGENCY DRAINAGE SWALE. SAID ASSOCIATION SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 16. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS THE FRONTAGE OF LOT 11 IS TO THE BENEFIT OF LOT 12. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 17. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 16 IS TO THE BENEFIT OF LOT 15. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 18. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 17 IS TO THE BENEFIT OF LOTS 15 AND 16. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 19. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 18 IS TO THE BENEFIT OF MAUREEN HIGHLANDS HOMEOWNERS ASSOCIATION FOR AN EMERGENCY DRAINAGE SWALE. SAID ASSOCIATION SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.

FOUND 2 1/2" DOMED BRASS - DISK W/ "X" & "LS 22335" IN

CONC MON, DOWN 0.5' & 0.70 N. OF CENTERLINE ALIGNMENT

(DESTROYED DURING CONSTRUCTION)

20. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS THE FRONTAGE OF LOT 18 IS TO THE BENEFIT OF LOT 19, THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.

N.E. 6TH ST.

16

DETAIL

56

N89'45'16"W

57

- 21. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 23 IS TO THE BENEFIT OF LOT 22. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 22. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 24 IS TO THE BENEFIT OF LOTS 22 AND 23. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 23. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 25 IS TO THE BENEFIT OF MAUREEN HIGHLANDS HOMEOWNERS ASSOCIATION FOR AN EMERGENCY DRAINAGE SWALE. SAID ASSOCIATION SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 24. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS THE FRONTAGE OF LOT 25 IS TO THE BENEFIT OF LOT 26. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 25. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 29 IS TO THE BENEFIT OF LOTS 30 AND 31. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 26. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 30 IS TO THE BENEFIT OF LOT 31. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 27. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 33 IS TO THE BENEFIT OF LOTS 32, 34 AND 35. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 28. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 34 IS TO THE BENEFIT OF LOT 35. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 29. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 37 IS TO THE BENEFIT OF LOTS 36, 38 AND 39. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 30. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 38 IS TO THE BENEFIT OF LOT 39. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 31. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 41 IS TO THE BENEFIT OF LOT 42. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 32. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 44 IS TO THE BENEFIT OF LOT 45. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 33. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 46 IS TO THE BENEFIT OF LOT 47. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 34. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 48 IS TO THE BENEFIT OF LOT 49. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 35. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 53 IS TO THE BENEFIT OF LOT 52. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE
- FACILITIES WITHIN SAID EASEMENT.

 36. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 55 IS TO THE BENEFIT OF THE FUTURE ADJACENT LOT. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE
- PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.

 37. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 59 IS TO THE BENEFIT OF LOT 58. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE
- FACILITIES WITHIN SAID EASEMENT.

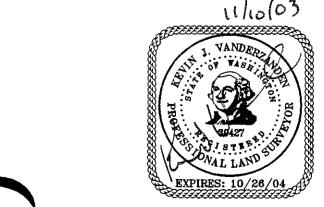
 38. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 61 IS TO THE BENEFIT OF LOT 60. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE
- FACILITIES WITHIN SAID EASEMENT.

 39. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 63 IS TO THE BENEFIT OF LOT 62. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE
- FACILITIES WITHIN SAID EASEMENT.

 40. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 68 IS TO THE BENEFIT OF LOT 67. THE OWNERS OF SAID BENEFITED LOT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE

FACILITIES WITHIN SAID EASEMENT.

- 41. THE 10.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS LOT 71 IS TO THE BENEFIT OF LOTS 70 AND 72. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 42. THE 25.00 FOOT PRIVATE DRAINAGE EASEMENT SHOWN ACROSS TRACT D IS TO THE BENEFIT OF THE FUTURE ADJACENT LOTS. THE OWNERS OF SAID BENEFITED LOTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE DRAINAGE FACILITIES WITHIN SAID EASEMENT.
- 43. THE TEMPORARY UTILITY EASEMENT SHOWN ACROSS TRACT I IS HEREBY DEDICATED TO THE CITY OF RENTON FOR SANITARY SEWER AND STORM DRAINAGE AND TO WATER DISTRICT 90 FOR WATER. SAID EASEMENTS SHALL AUTOMATICALLY TERMINATE UPON THE RECORDING OF THE PLAT OF MAUREEN HIGHLANDS DIV. II WHICH WILL DEDICATE PUBLIC ROADS AND RESERVE, GRANT, AND CONVEY UTILITY EASEMENTS OVER THESE AREAS.
- 44. THIS SITE IS BENEFITED BY A UTILITY AND ACCESS EASEMENT, AND THE TERMS AND CONDITIONS THEREOF, OVER A PORTION OF LOT A, CITY OF RENTON LOT LINE ADJUSTMENT NO. LLA—01—080, REC. NO. 20020715900003, AS DISCLOSED BY INSTRUMENT RECORDED UNDER RECORDING NO. 20030512001491. THE MAUREEN HIGHLANDS HOMEOWNERS ASSOCIATION SHALL HAVE SOLE RESPONSIBILITY FOR THE DRAINAGE FACILITIES CONTAINED WITHIN SAID UTILITY AND ACCESS EASEMENT, INCLUDING BUT NOT LIMITED TO: MAINTENANCE, OPERATION, AND UPKEEP.
- 45. THE SIGN EASEMENT SHOWN ON LOT 1 IS TO THE BENEFIT OF THE MAUREEN HIGHLANDS HOMEOWNERS ASSOCIATION. SAID ASSOCIATION IS HEREBY RESPONSIBLE FOR THE MAINTENANCE OF THOSE FACILITIES WITHIN SAID EASEMENT.



14711 N.E. 29th Pl. Suite 101

Bellevue, Washington 98007

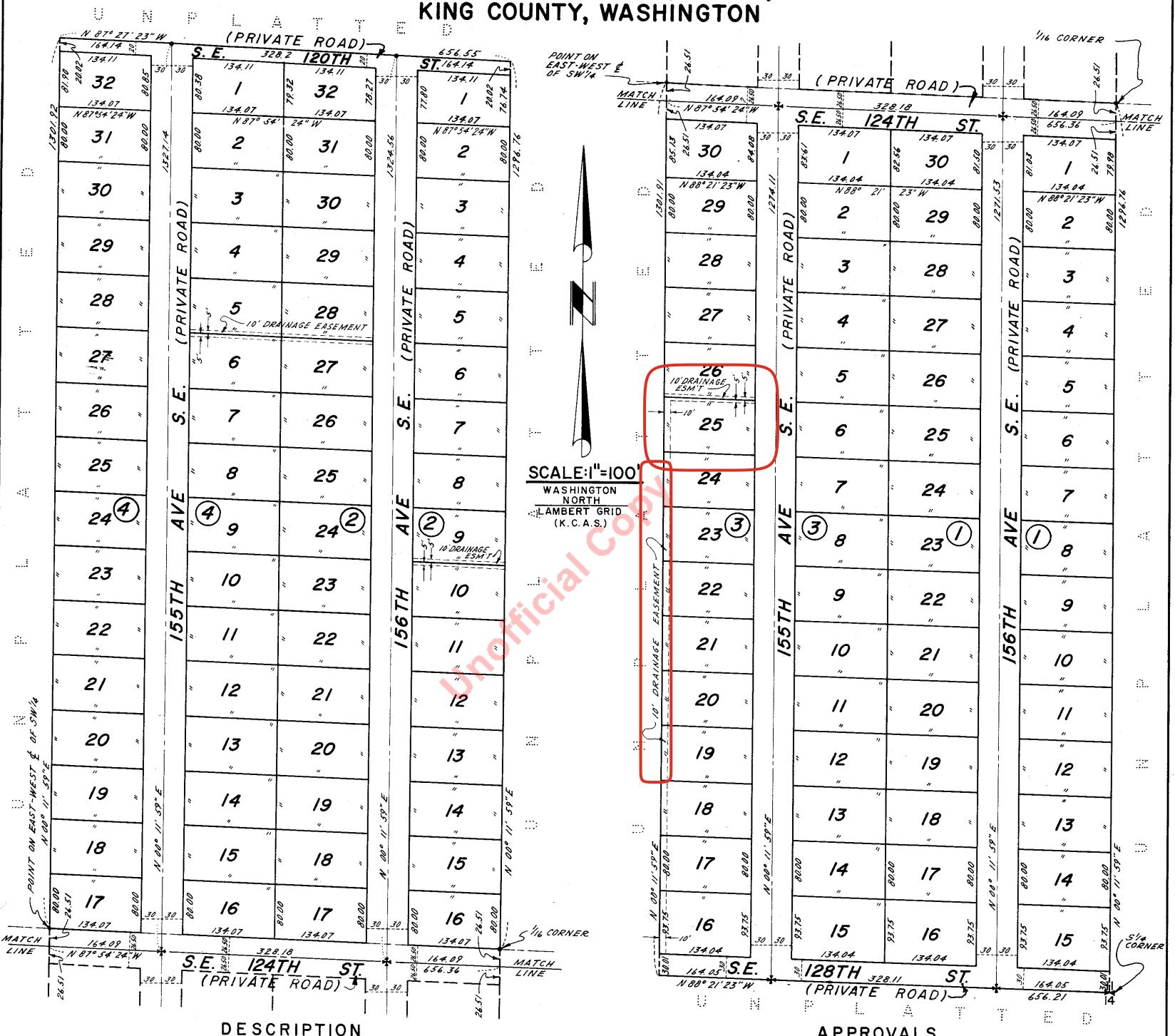
425.885.7877 Fax 425.885.7963

ENGINEERING . PLANNING . SURVEYING

WHITE FENCE RANCH

ASSESSOR'S PLAT OF

SECTION II, TWP 23 N, R5E, W.M.



This Assessor's Plat of WHITE FENCE RANCH embraces the following: The E 656ft of the SW 1/4 of Section II, Township 23 N, Range 5 E, W. M. ALL IN KING COUNTY, WASHINGTON.

All lot lines shown on this plat extend to the center line of adjoining streets.

ENGINEER'S CERTIFICATE

I hereby certify that the Assessor's Plat of WHITE FENCE RANCH is based upon an actual survey and subdivision of Section II, Twp. 23N., R5E., W. M. and that the courses and distances are shown correctly thereon and that the monuments have been set.

> Howard T. Harstad & Associates Consulting Engineers

Professional Engineer & Land Surveyor Certificate No.6081

APPROVALS

Examined and approved this 2 ND day of Aug. ___ A.D., 1960

Examined and approved this & day of Current A.D., 1960 Chairman, Board of County Commissioners

Attest: Class County Commissioners

5/89689

RECORDING CERTIFICATE

Filed for record at the request of the King County Commissioners this _9TH_ day of AUGUST _ _ _ A.D., 1960 at 5 | _ minutes past _ L _ P M. and recorded in Volume 65 of Plats, Page 6 Records of King County, Washington.

Deputy County Auditor County Auditor

APPENDIX F

Drainage Easement Record

June, 2017.

Return Address: City Clerk's Office City of Renton 1055 South Grady Way Renton, WA 98057



EXCISE TAX NOT REQUIRED

Property Tax Parcel Number: 112305-9004
Street Intersection or Project Name: NE 4th Cir / Shadow Ave NE
eleased: Additional reference numbers are on page Grantee(s): 1. City of Renton, a Municipal Corporation
cument. (Abbreviated legal description MUST go here.) I 'B' of City of Renton Lot Line Adjustment No. 1 - 51, records of King County, Washington
(

That said Grantor(s), for and in consideration of mutual benefits, do by these presents, grant, bargain, sell, convey, and warrants unto the said Grantee, its successors and assigns, an easement for drainage with necessary appurtenances and fences over, under, through, across and upon the following described property (the right-of-way) in King County, Washington, more particularly described above.

For the purpose of, reconstructing, repairing, replacing, operating and maintaining storm drainage facilities, lines and manholes, together with the right of ingress and egress thereto without prior institution of any suit or proceedings of law and without incurring any legal obligation or liability therefor. Following the initial construction of its drainage facilities and fences, Grantee may from time to time construct such additional facilities and fences as it may require. This easement is granted subject to the following terms and conditions:

- The Grantee shall, upon completion of any work within the property covered by the
 easement, restore the surface of the easement, and any private improvements disturbed or
 destroyed during execution of the work, as nearly as practicable to the condition they were
 in immediately before commencement of the work or entry by the Grantee.
- Grantor shall retain the right to use the surface of the easement as long as such use does not interfere with the easement rights granted to the Grantee.

Grantor shall not, however, have the right to:

Erect or maintain any buildings or structures within the easement; or

Page 1 of 4

- Plant trees, shrubs or vegetation having deep root pattern b. to or interfere with the drainage facilities to be placed wit Grantee; or
- Develop, landscape, or beautify the easement area in any C. unreasonably increase the costs to the Grantee of restoric private improvements therein.
- Dig, tunnel or perform other forms of construction activiti d. would disturb the compaction or unearth Grantee's facilit endanger the lateral support facilities.
- Blast within fifteen (15) feet of the right-of-way. e.
- f. Erect fences in such a way as to prevent access by the Gra Grantee's facilities. Any fence construction must provide removeable sections, barriers, etc.) of at least ten (10) fee

This easement shall run with the land described herein, and shall be I their heirs, successors in interest and assigns. Grantors covenant tha of the above properties and that they have a good and lawful right to By this conveyance, Grantor will warrant and defend the sale hereby against all and every person or persons, whomsoever, lawfully claimi conveyance shall bind the heirs, executors, administrators and assign

	IN WITNESS WHEREOF, I ha	ve hereunto set my hand and seal the day
	6/14/17	6114
	Date	
	<u></u>	INDIVIDUAL FORM OF ACKNOWLEDGMENT
	Notary Seal must be within box	STATE OF WASHINGTON) SS
	On On	COUNTY OF KING)
	0,5	I certify that I know or have satisfactory evid
١	LICA A HANGEO	Janki Doshi
LISA A. HANSES	NOTARY PUBLIC	instrument and acknowledged it to be his/h
	STATE OF WASHINGTON	for the uses and purposes mention in the in
go	v/LandmarkWeb/search/index?theme=.blue§ion	on=searchCriteriaInstrumentNumber&quickSearchSelection=# 2/



Exhibit A Legal Description Project:

PID: 11230

GRANTOR:

Street: NE

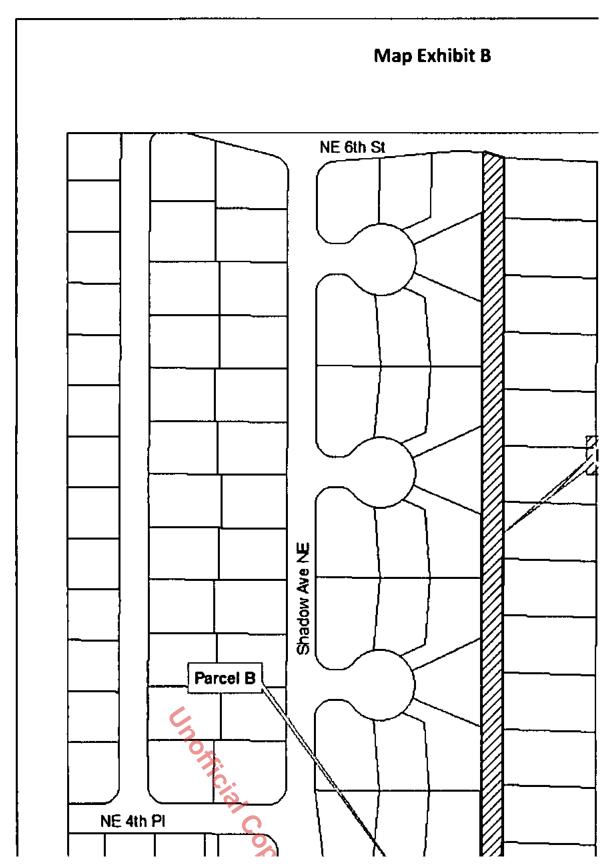
A drainage easement over, across and under a portion of the of the southwest quarter and the southeast of the southwest Section 11, Township 23 North, Range 5 East, W. M., in the County, Washington, described as follows:

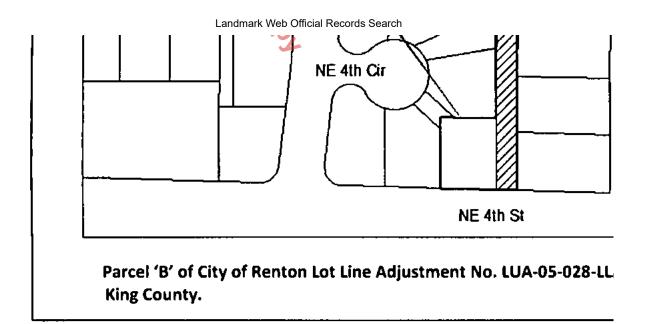
The east 30.00 feet of Parcel B of Renton Lot Line Adjustment recorded under Auditor's file number 20050503900029, lying 50.00 strip of land dedicated to the City of Renton for Right of recorded under Auditor's file number 20050610000288.

Contain 36,331± square feet.









Page 4 of 4

APPENDIX G

Priority Habitat Species

Washington Department of Fish and Wildlife, 2025.

6/17/25, 12:26 PM PHS Report



Priority Habitats and Species on the Web



Report Date: 06/17/2025

The Priority Habitats and Species (PHS) datasets do not contain information for your project area. This does not mean that species and habitats do not occur in your project area. PHS data, points, lines and polygons are mapped only when occurrences of these species or habitats have been observed in the field. Unfortunately, we have not been able to comprehensively survey all sections in the state and therefore, it is important to note that priority species and habitats may occur in areas not currently known to the Department.

DISCLAIMER. This report includes information that the Washington Department of Fish and Wildlife (WDFW) maintains in a central computer database. It is not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife. This information only documents the location of fish and wildlife resources to the best of our knowledge. It is not a complete inventory and it is important to note that fish and wildlife resources may occur in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site specific surveys are frequently necessary to rule out the presence of priority resources. Locations of fish and wildlife resources are subject to variation caused by disturbance, changes in season and weather, and other factors. WDFW does not recommend using reports more than six months old.

about:blank 1/1