Site Plan Review Committee
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360-330-7662

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epierson@cityofcentralia.com

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City Attorney
Kyle Manley
kmanley@cityofcentralia.com

SITE PLAN REVIEW COMMITTEE
Meeting Agenda

Monday, September 9, 2024

Join Zoom meeting:
https://us02web.zoom.us/j/85356833930?pwd=aFJUanFIRXFwWWM1d0xCQnBqQmxodz09

Meeting ID: 853 5683 3930
Passcode: 770823
Join by mobile: #1-253-215-8782

Applicants should be at the meeting and prepared to discuss their development.
The public is invited to participate in all Site Plan Review meetings.

9:00 AM **STAFF REVIEW TIME**

1. Weekly Permit List (pgs. 1-2)
2. 1119 S Yew Street (pgs. 3-8)
3. 1330 Eckerson Road (pgs. 9-55)
4. 0 Russell Road (pgs. 56-57)

10:00 AM – Pre-Application Conference (pgs. 58-61)

Project Name:	**Wilson Short Plat**
Applicant/~~Owner~~:	David Wilson
Property Address:	2999 Harrison Avenue
Contact Phone:	253.335.5263
Email:	david.wilson@ppmmanage.com
Zone:	R:4, Low Density Residential
Comp. Plan:	LDR, Low Density Residential
Parcel Information:	023747-012-000, 3.1 AC, $409,900
Request:	6-lot residential short plat

Permit Report

08/22/2024 - 09/04/2024

Permit #	Permit Date	Main Status	Building/L and Use	Permit Type	CONSTRUCTION SITE ADDRESS	Description of work being done under this permit	Applicant Name
20240563	9/3/2024	In Plan Review	Land Use Application	Subdivision	2727 Harrison Avenue	Preliminary Short Plat	Dan Balmelli, Barghausen Consulting Engineers, Inc.
20240559	8/30/2024	Under Construction	Land Use Application	Short Plat	2999 Harrison Avenue	6-Lot Short Plat	David Wilson
20240558	8/30/2024	Invoice sent to applicant - waiting on payment	Building Permit	Mechanical	1117 Crosby Ave	Install Trane heat pump system	Chehalis Sheet Metal
20240557	8/23/2024	In Plan Review	Land Use Application	SEPA	2727 Harrison Avenue	SEPA Consultation for Port of Centralia	Dennis Rice
20240556	8/29/2024	Invoice sent to applicant - waiting on payment	Building Permit	Mechanical	2804 Keats Dr.	replacing both air handler and heat pump for newer like and kind	Elissa Carbajal
20240555	8/29/2024	Under Construction	Building Permit	Mechanical	732 S Silver Street	Install Mitsubishi ductless heat pump system	Chehalis Sheet Metal
20240554	8/23/2024	Under Construction	Building Permit	Fill and Grade	0 Cooks Hill Road	Fill and grade approximately 450 CY. Approved for 499 without mitigation.	Marc Hamilton
20240551	8/28/2024	Under Construction	Building Permit	Mechanical	2702 N Pearl St.	installing a 2-zone ductless heat pump system	Elissa Carbajal
20240550	8/28/2024	In Plan Review	Land Use Application	Short Plat	1822 Taylor Road	2-Lot Short Plat	Steve Wohld

20240549	8/27/2024	Plan Review Approved, Forwarded to	Building Permit	Deck	1807 Hillview Rd	Construct deck and ramp for pool access.	Billy Myers
20240548	8/27/2024	In Plan Review	Building Permit	Single Family -	1321 Central Blvd., Unit 2	Modernize finishes and ensure functionality	Mark Horace
20240547	8/27/2024	In Plan Review	Building Permit	Single Family -	1321 Central Blvd., Unit 1	Modernize finishes and ensure functionality	Mark Horace
20240546	8/27/2024	Under Construction	Building Permit	Demolition	1321 Central Blvd, Unit 1	Remove interior paneling/sheetrock, flooring, windows, siding, failing decking, cabinets, tub, doors, toilet and millwork to prepare for renovation.	Mark Horace
20240545	8/27/2024	Under Construction	Building Permit	Demolition	2901 Mt Vista	Remove fire damage debris	Heritage Restoration
20240542	8/26/2024	Invoice sent to applicant - waiting on payment	Building Permit	Single Family - Remodel	1024 N Washington Avenue	Restoring original porch by removing added windows and storm door. As well as replacing siding.	Ronnie Stringfellow
20240540	8/26/2024	Under Construction	Building Permit	Mechanical	912 W Cherry St.	Install Mitsubishi ductless system	Chehalis Sheet Metal
20240539	8/23/2024	Plan Review Approved, Forwarded to Building	Building Permit	Mechanical	107 S Tower Ave	Replace roof top HVAC Unit	Chehalis Sheet Metal
20240538	8/23/2024	Plan Review Approved, Forwarded to	Building Permit	Accessory Building Remodel	257 River Heights Road	Remodel existing ADU & Construct attached garage	Brodie Heck
20240537	8/22/2024	Under Construction	Building Permit	Demolition	1405 Central Blvd	Remove debris from collapsed porch.	Rakayla Vega
20240534	8/22/2024	Under Construction	Building Permit	Plumbing	1907 Shamrock Dr	Electric water heater replacement	Ryan Ridley
20240533	8/22/2024	Under Construction	Building Permit	Reroof	709 S Pearl Street	Reroof single family residence	Darlene Hughes

SITE PLAN REVIEW COMMITTEE (SPRC)
Pre-Application Conference Request

MEETING DATE: Every Monday (except holidays and subject to submittals)

TIME: Meetings begin at 10:00 am and are approximately 30 minutes long. All meetings are scheduled on a first-come basis.

MEETING LOCATION: Centralia Public Works Office (City Light), 1100 N. Tower, Centralia

Parcel Number(s): 021572002000

Site Address: 1119 S Yew St, Centralia, WA 98531

Applicant/Agent: Apex Engineering, LLC / Colleen Noronha

Phone: 253-473-4494 **Email:** noronha@apexengineering.net

Name/Type of Business *(if applicable)*: Weir's Appliances

Brief Description of Proposal *(attach separate sheet if needed)*:

See attached.

- [x] Description of Proposal (1 – digital or paper copy)
- [x] Conceptual Site Plan showing existing and proposed uses/structures (1 – digital or paper copy)
- [ ] Supporting documents including studies (1 – digital or paper copy)

SUBMITTAL REQUIREMENTS:
Submittal items must be received no later than 3 PM on the Wednesday *preceding* the next meeting date, in order to be added on the following weeks' agenda.

The purpose of the pre-application conference is to acquaint the applicant with the review procedures and applicable Centralia Municipal Code provisions to the proposal. A minimum of one meeting is required for all project permit applications related to the same project action.

The SPRC Pre-Application Conference is available to applicants for projects requiring a land use review or if you have utility or other questions about a specific property. The meeting will include representatives from engineering, public works, water, waste-water, electric, stormwater, planning, and building.

August 30, 2024

Weir's Appliances
Pre-Application Conference Request
1119 Yew Street, Centralia, WA 98531
Parcel #: 021572002000

Project Description

Weir's Appliances is looking to expand their business to the Centralia area. They are proposing to develop the project site by building an ±18,000 sf commercial / retail building.

Customer Information Meeting Narrative

Parcel information:
The subject property is a 1.7-acre parcel, #021572002000, located at 1119 Yew Street (Long Road) in Lewis County and within the Centralia UGA. The parcel fronts an unimproved portion of Yew (Long) St. The Zoning is Gateway Commercial District (GCD). The adjacent zones are also GCD and the parcel to the north is zoned the Port Master Plan District (PMP).

Proposed Project:
The project will include the demolition of the existing residential buildings onsite and the addition of an ±18,000 sf commercial / retail building. Weir's Appliances will anchor this building with an ±8,000 sf showroom and ±4,000 sf warehouse. The ±6,000 sf of additional commercial / retail space will accommodate one to four additional businesses.

The subject parcel is directly adjacent to the PMP District and the Port's Centralia Station planned development. The new commercial use of the subject parcel is consistent with the PMP District uses and this project is a good fit to be included in the Port's Centralia Station planned development. Preliminary discussions have started with the Port of Centralia about the potential for an amendment of the master plan to include this parcel in the planned development.

Questions for Pre-Application Conference:

General

- What frontage improvements are anticipated for this project?
- Will a right-of-way dedication be required?
- Will a Trip Generation memo be needed? Are there anticipated Traffic Impact fees associated with this project?

Critical Areas

- Per critical area resource maps, the site is located in a flood plain. There does not appear to be any water, wetlands, or streams on site, but there may be wetlands over 300 feet away. The site does not appear to be located within a landslide, slope, or erosion hazard area.
    - Will a critical area review be required?

Flood Plain

- This parcel is in a flood plain. The Base Flood Elevation (BFE) for the parcel is 175 feet. The existing elevation of the parcel is approximately 174 feet. It is anticipated that the building finish floor will be 1 foot about BFE.
    - This project will require over 500 cy of fill. Can you confirm that a minimum of 1:1 ratio can be used for mitigation?

Stormwater

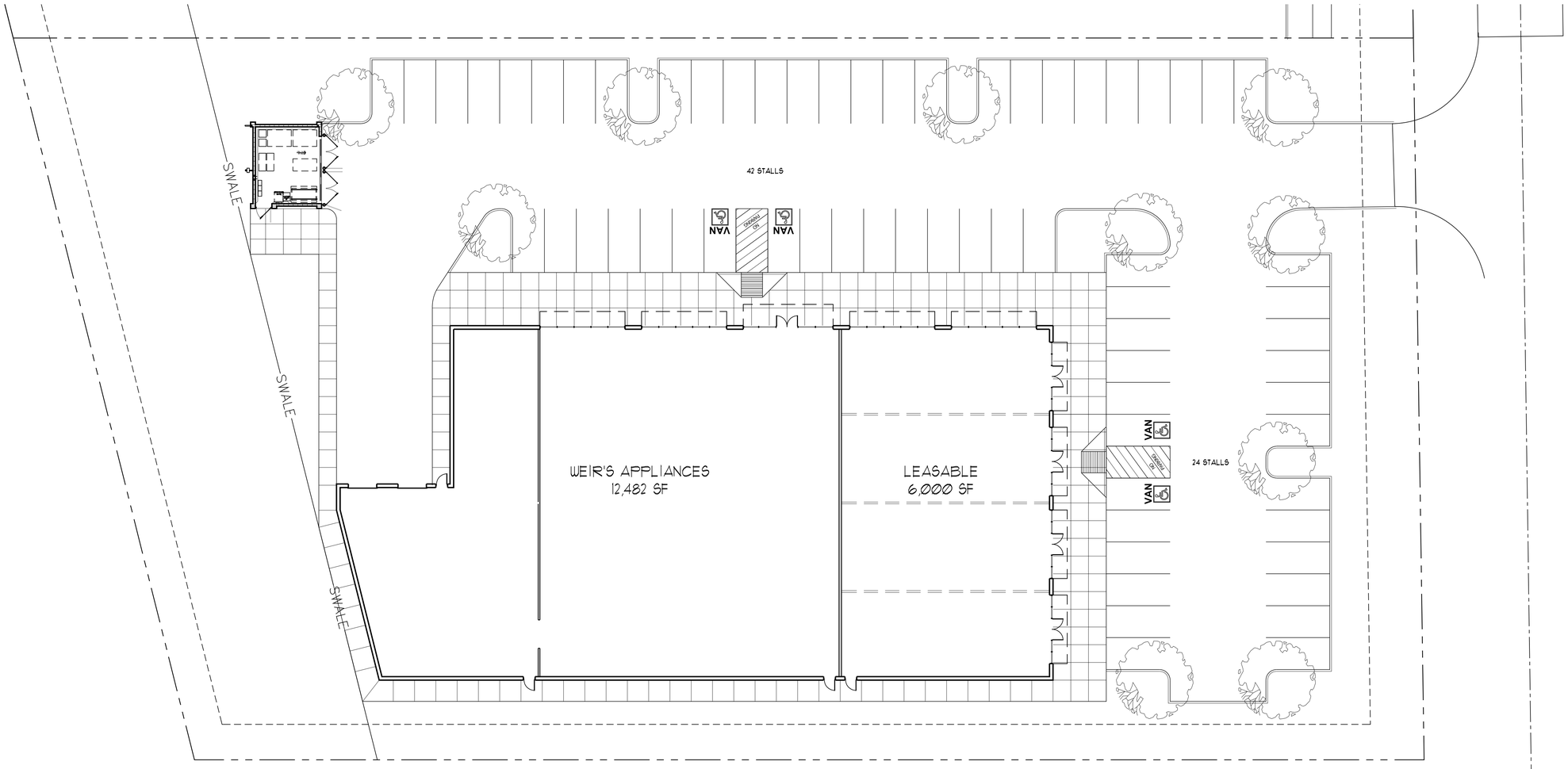
- It is anticipated that stormwater will be treated and released. If approved by the Port of Centralia, the stormwater would be conveyed to the Centralia Station storm facilities. Would the City of Centralia support this option?

Trees

- The development of this parcel will require the removal of all trees onsite.
    - Can you please confirm that a Forest Practice Permit is required?
    - Are there other requirements with the removal of the trees?

PRELIMINARY
6-19-24

SCHMIDT
ARCHITECTS, P.C.
16101 SW 72ND AVENUE
SUITE 135
PORTLAND, OR 97224
(503) 220-8517
www.schmidtarchitectspc.com



1 **SITE PLAN**
1/16" = 1'-0"

NORTH

WEIR'S APPLIANCES
CENTRALIA STATION
CENTRALIA WASHINGTON

PROJECT NO.
2024-152

DATE :
06-19-24

DRAWN BY :
TWG

CHECKED BY :
FMS

REVISIONS

2024-152 Weir Site 1 /
Weir Site 1

WS 1

PRELIMINARY
6-19-24

SCHMIDT
ARCHITECTS, P.C.
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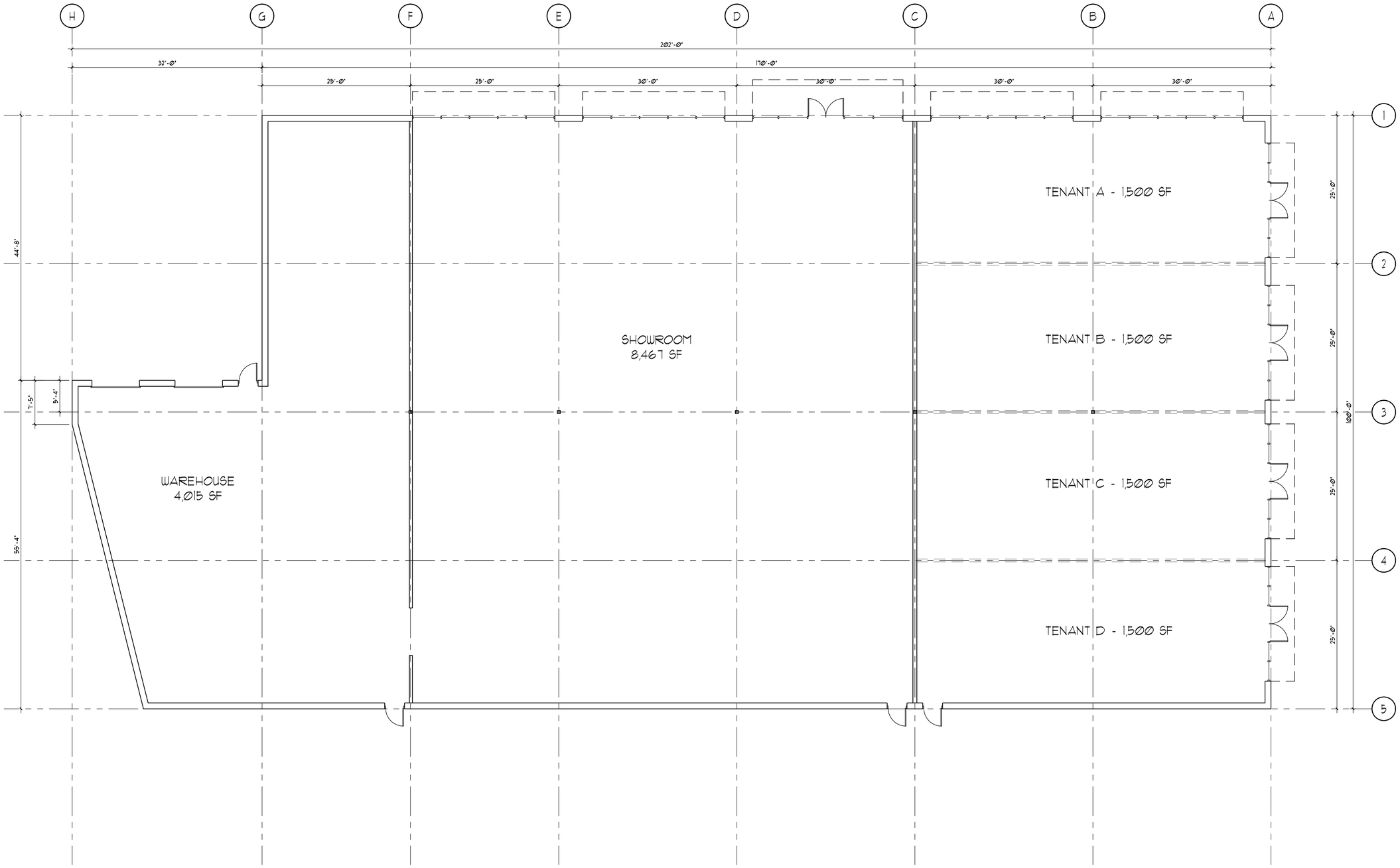
WEIR'S APPLIANCES
CENTRALIA STATION
CENTRALIA WASHINGTON

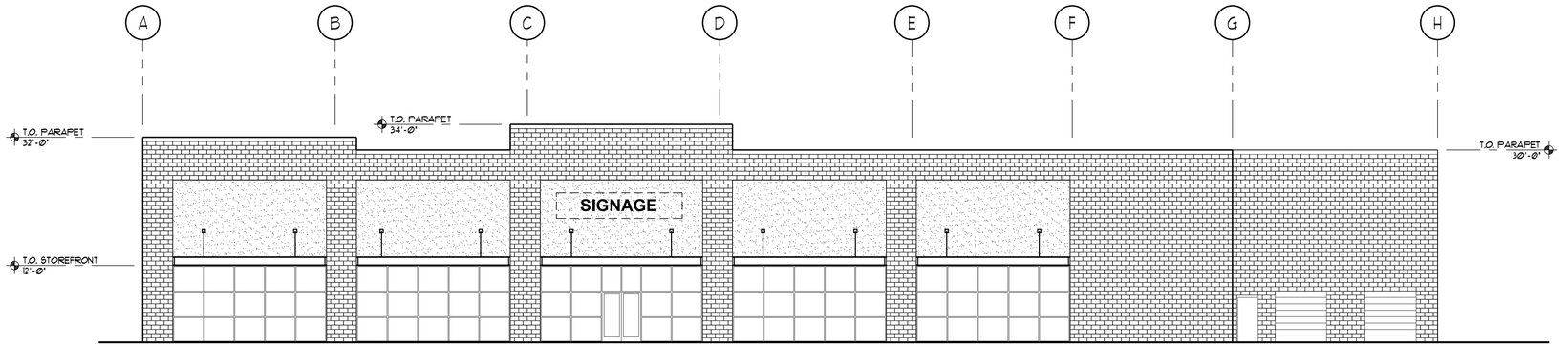


1 **FLOOR PLAN**
1/8" = 1'-0"

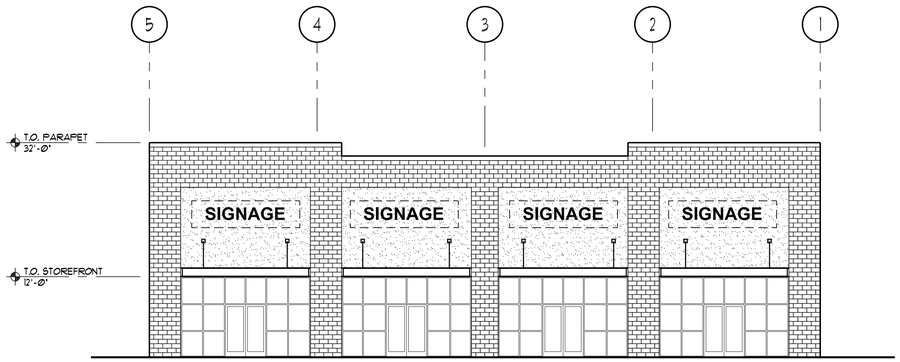
NORTH

PROJECT NO. 2024-152
DATE: 06-19-24
DRAWN BY: TWG
CHECKED BY: RMS
REVISIONS
2024-152 Weir Plan / Weir Plan

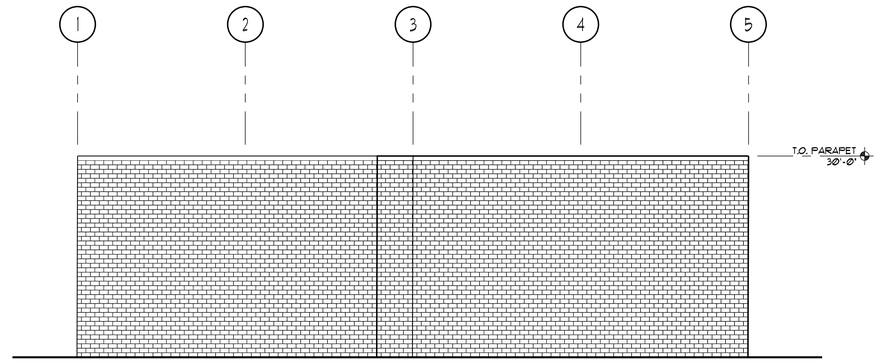
WP 1



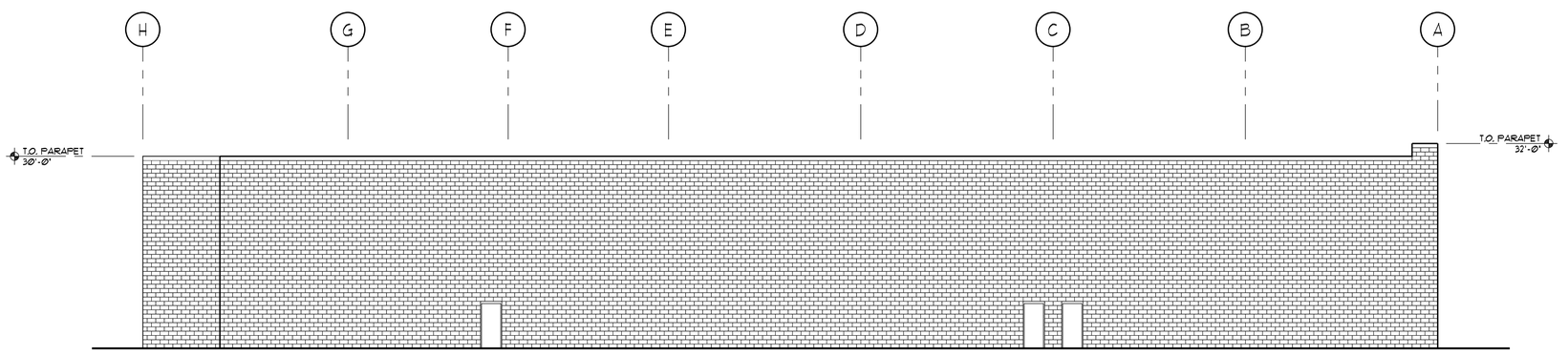
1 NORTH ELEVATION
3/32" = 1'-0"



2 EAST ELEVATION
3/32" = 1'-0"



3 WEST ELEVATION
3/32" = 1'-0"



4 SOUTH ELEVATION
3/32" = 1'-0"

PRELIMINARY
6-19-24

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ARCHITECTS, P.C.
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(503) 220-8517
www.schmidtarchitectspc.com

WEIR'S APPLIANCES
CENTRALIA STATION
CENTRALIA WASHINGTON

PROJECT NO.
2024-152

DATE :
06-19-24

DRAWN BY :
TWG

CHECKED BY :
RMS

REVISIONS

X2024-152 Ext Elevations / Weir Ext Elevs

WE 1

SITE PLAN REVIEW COMMITTEE

Pre-Application Conference Request

MEETING DATE: Every Monday; excluding holidays and subject to number of submittals

TIME: 10:00 AM, each submittal will be given approximately 30 minutes.

LOCATION: Online via Zoom

Parcel Number(s): 021140000000, 021058002000, 009647001000

Site Address: 1330 Eckerson RD, Centralia

Applicant/Agent: Sang Hou

Phone and Email: 206-948-7698 shoumklee@gmail.com

Description of Proposal (attach a separate sheet if needed): I want to build mini-storage facility and attached the more detail plan.

Submittal Requirements:

☑ Conceptual site plan showing existing and proposed uses and structures.

☐ Details on anticipated utility needs (water meter size, sewer capacity, power loads, etc.)

☐ Details on anticipated traffic impacts (existing roads, vehicles trips per day, etc.)

The purpose of the pre-application conference is to acquaint the applicant with the review procedures and applicable Centralia Municipal code provisions. It is not a full comprehensive technical review. Comments from staff are not binding and are not to be construed as approvals, waivers, variances, etc.

Submittals must be complete and received no later than 3:00 PM on the Wednesday preceding the next meeting date in order to be added to the next meeting agenda. Submittals may be made via digital or paper copies. If you have studies and/or additional information that may aide in our review of the project, please include those with your submittal.

Wetland Report

Prepared For: Sang Hou

Site Address: 1330 Eckerson Road, Centralia

Tax Parcel Number: 021140000000 / 021058002000

Date: June 17, 2019
Revised Date: July 30, 2020

Prepared By:
Environmental Design, LLC.
Septic Design • Wetlands • Mapping
901 L Street, Centralia, WA 98531
(360) 219-3343

Table of Contents

Introduction:

Environmental Design, LLC conducted a Wetland Study on May 16, 2019 to determine if wetland habitat is present on the property located 1330 Eckerson Road in Centralia. The client has requested this project prior to purchasing the property.

In order to conduct a thorough review of the site to determine if wetlands are present on the site several resources were reviewed. The project started by pulling research and reviewing the research from several sources. After review of the research it was noted that wetlands were mapped on the site. A site visit was then conducted in order to test in areas for wetland habitat. Since the site has been primarily used and maintained as residential use, test sites were completed in areas where vegetation, elevation or other characteristics changed that indicated a possible presence of wetland habitat.

Site Description:

The site is located at 1330 Eckerson Road in Centralia, Washington. The site is identified by Lewis County by the parcel number 021140000000 / 021058002000. The site is located Section 6, Township 14 N, Range 02 W and is 2 acres in size. The site is relatively flat and is currently residential property. According to the research pulled wetlands are mapped on the eastern most side of the site and in the surrounding areas.

The area around the site is primarily vacant and residential areas with mapped areas of wetlands located throughout the sites.

Methodology:

A site visit was conducted on May 16, 2019 where Environmental Design walked the property and tested in various areas where vegetation seemed to have changed or where wetland habitat could be present. The site is consistent with the hydrology, vegetation, and soils at each test plot location.

Environmental Design, LLC completed the wetland study of this site by using the Routine Determination Method according to the 1987 U.S. Army Corp of Engineers Wetland Delineation Manual and the 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region.

In order to complete this method first research was conducted by pulling information and maps from the National Wetland Inventory website, the Lewis County Website, the NRCS website to find out what the soils were and also further information was pulled from the Department of Natural Resources

website. After reviewing the research a site visit was conducted and areas were tested where vegetation, elevation, or the soil may have changed.
When using the Routine Approach, a wetland area must meet three specific parameters. These three parameters are hydrology, vegetation and hydric soils. Hydrology can be difficult to assess because it may or may not be present, depending on the time of year. Vegetation and soils are important to assess if there has been hydrology present in the past. If the site meets the hydrology, vegetative and hydric soil parameters then the site is considered a wetland. If one parameter is not met then the area is not considered a wetland.

Observations:

Vegetation:

Wetland Vegetation has been classified into indicator statuses of how likely the plant is to be found in a wetland habitat. The indicator status of each plant species can be found on the data forms. The different indicator statuses are listed below:

- Obligate Wetland (OBL) – highly likely to be in a natural wetland environment
- Facultative Wetland (FACW) –most likely to be present in a natural wetland environment
- Facultative (FAC) – can be present in both a natural wetland and non-wetland environment
- Facultative Upland (FACU) –may be present in a natural wetland, but most likely to be seen in non-wetland conditions
- Obligate Upland (UPL) – most likely to occur in non-wetland conditions
- No Indicator – the plant does not have enough data to determine the indicator status yet

The site has been maintained as residential property. The primary vegetation on the site is Annual Bluegrass and Douglas Fir.

The surrounding areas are similar in vegetation.

Soils:

The site is mapped as Maytown-Chehalis-Rennie Complex Series according to the U.S.D.A Natural Resources Conservation Service *Soil Survey of Lewis County, Washington (1980)*. The series is not listed on the hydric soils list produced by the U.S.D.A Natural Resources Conservation. The areas where test plots were conducted, the soil appeared to be consistent with the profile of the mapped series.

The NRCS considers this soil a mix of the Maytown, Chehalis and Rennie Series.

The soil appeared to be moderately drained in the test plot locations. The soil was evaluated to a depth of about 20-22 inches at each test plot location.

Indicators of hydric soil were not found in the profile. The soil and vegetation is consistent throughout the site. See Appendix C for the Test Plot Data Form.

Hydrology:

The site appears to be moderately well drained and there did not appear to be any areas of hydrology present on the site. The soil did not have oxidized rhizospheres around the roots systems and there was no evidence of reduced iron in the soil. There was no evidence of drainage patterns or of a high-water table during the growing season. See Appendix C for the Test Plot Data Form.

Wildlife:

The area is shown to have wetlands as priority species listed on the Priority Habitat Species Map produced by Fish and Wildlife. The vegetation surrounding the site does provide great habitat for amphibians, birds and other mammals, as well as a sound barrier from surrounding activities.

Topography:

The topography at the site is flat with slopes measuring about 0%.

Surrounding Wetlands and Impacts:

The National Wetlands Inventory (NWI) map and other maps do depict mapped wetlands within the area. It needs to be noted that the NWI maps and GeoData Center needs to be used cautiously as they compile general wetland data.

Environmental Design did find wetland habitat located on the site within 300 feet of the proposed building site. For this report the wetland on the site has been named Wetland A. Wetland A has been rated in accordance with the current Department of Ecology's Rating forms and it calculated to be a Category IV wetland. Wetland A has a protective buffer of 40 feet as stated in the City of Centralia Critical Area Ordinance 16.17.050 (F).

Environmental Design conducted a further site investigation by site visit and by the use of mapping resources to determine if any wetland buffers or habitats would impact the client’s project.

Conclusions:

Environmental Design, LLC concludes that wetland habitat is present within 300 feet of the site. The site is considered moderate intensity as it will be used as an RV Park; therefore, the buffer is 40 feet in accordance with the City of Centralia’s Critical Area Ordinance. There is a seasonal drainage noted on the south side of the property; however, it does not appear to be of impact to the site.

References:

Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1. U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi.

Lewis County. Critical Areas Map. Online map. https://fortress.wa.gov/lewisco/home/.

Soil Conservation Service. 1995. Hydric Soils for Washington. Online document: http://www.statlab.iastate.edy:80/soils/hydric/wa/html.

Soil Conservation Service. 1980. Soil Survey of Lewis County, Washington. U.S. Department of Agriculture, Washington DC.

Soil Conservation Service. 1990. Soil Survey of Thurston County, Washington. U.S. Department of Agriculture, Washington DC.

U.S Army Corps of Engineers. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys and Coast Region (Version 2.0), ed. J. S. Wakeley, R.W. Lichvar, and C. V. Noble. ERDC / EL TR-103. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

Washington State Department of Ecology. 1997. Washington State Wetlands Identification and Delineation Manual. Publication # 96-94. Olympia, Washington.

Washington State Department of Ecology. 2004. Washington State Wetlands Rating System: Western Washington Revised. Publ. # 04-06-025. Olympia, Washington.

Washington Department of Fish and Wildlife. Priority Habitat Species (PHS) Database. (August 2014)

The determination of this wetland was completed by Environmental Design, LLC. The determination of this wetland is based on scientific method and our best professional judgment. Environmental Design, LLC agrees that the conclusion should agree with the local, state, and federal regulatory agencies.

Completed By:

Becky Rieger
Wetland Specialist

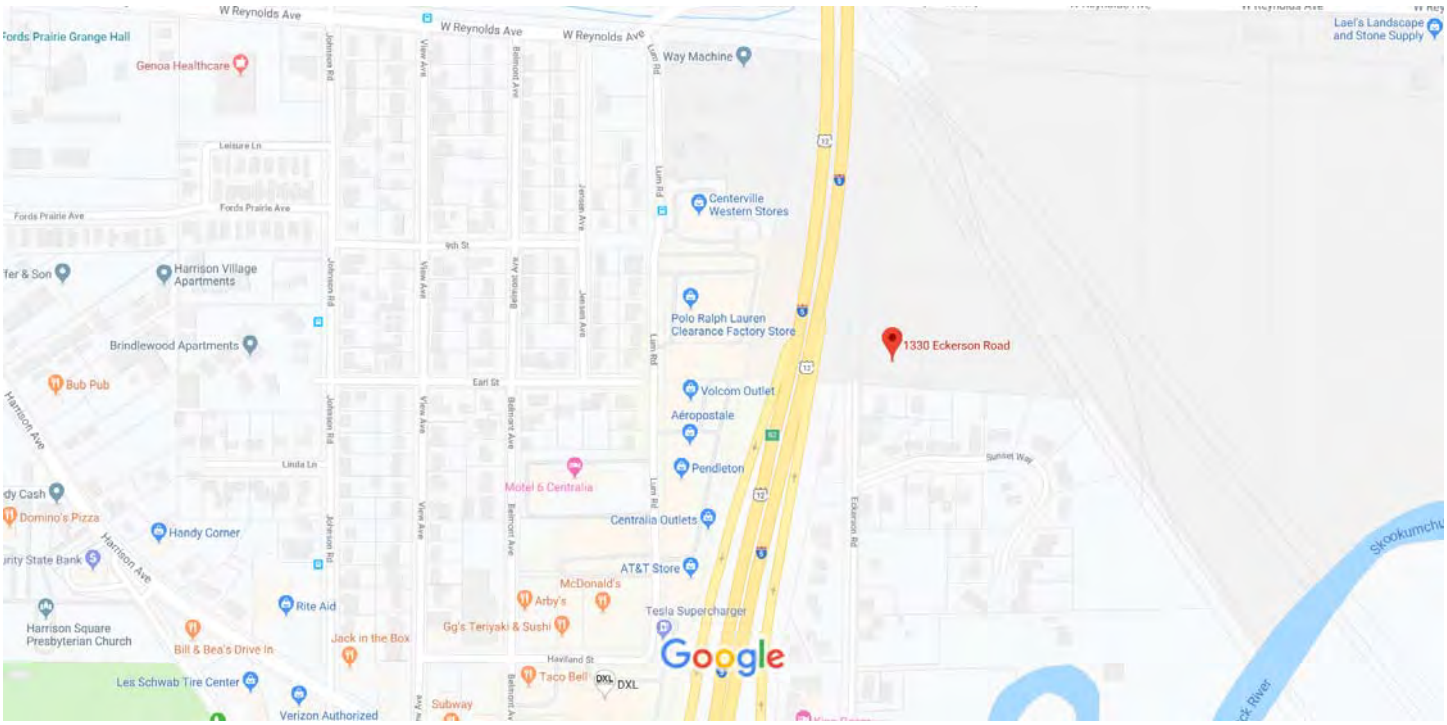
Appendix A:

Wetland Maps

Google Maps

1330 Eckerson Rd

Figure 1: Site Location Map



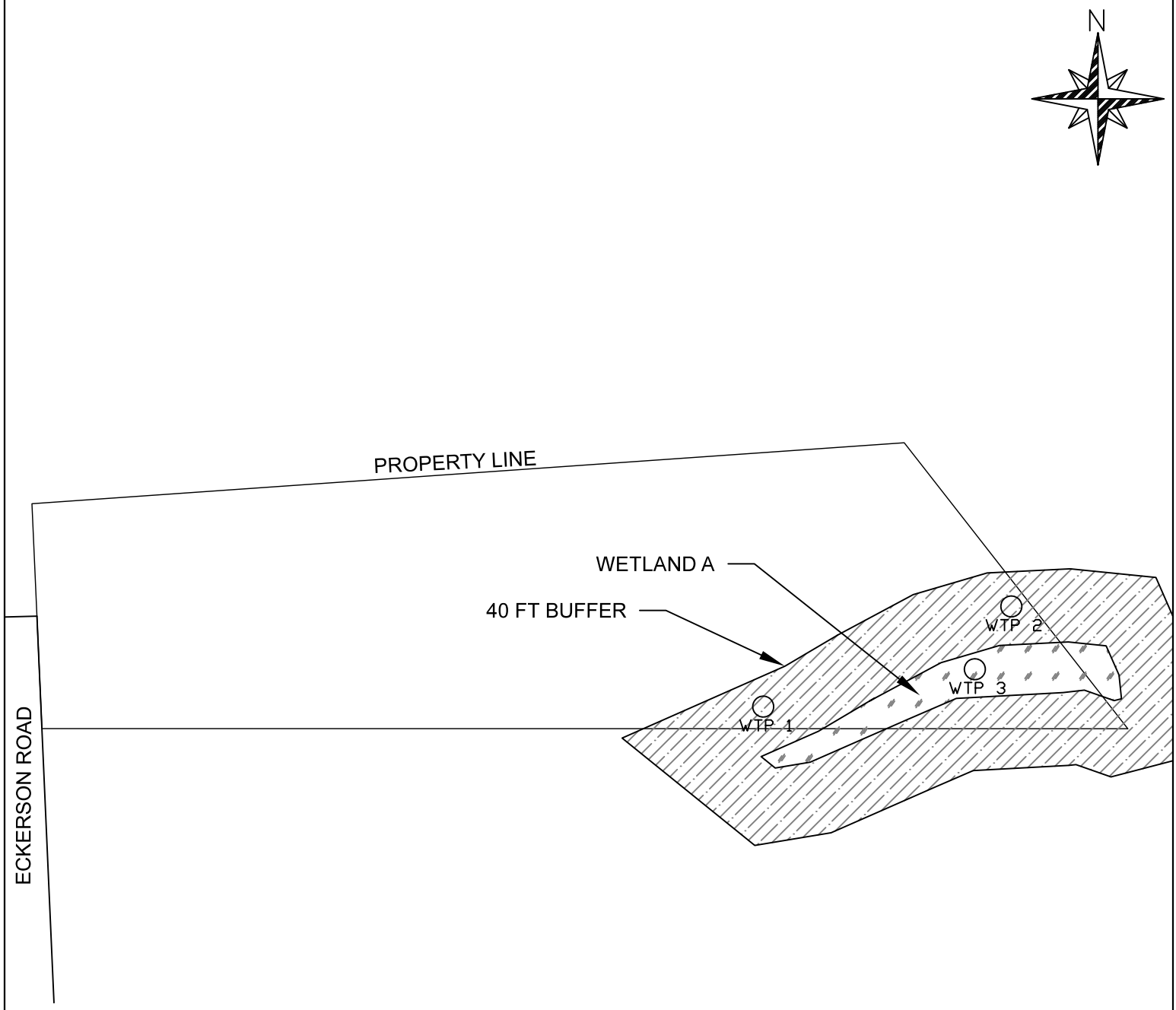
Map data ©2019 Google 200 ft

1330 Eckerson Rd

Centralia, WA 98531

Directions Save Nearby Send to your phone Share

P2JG+V5 Centralia, Washington



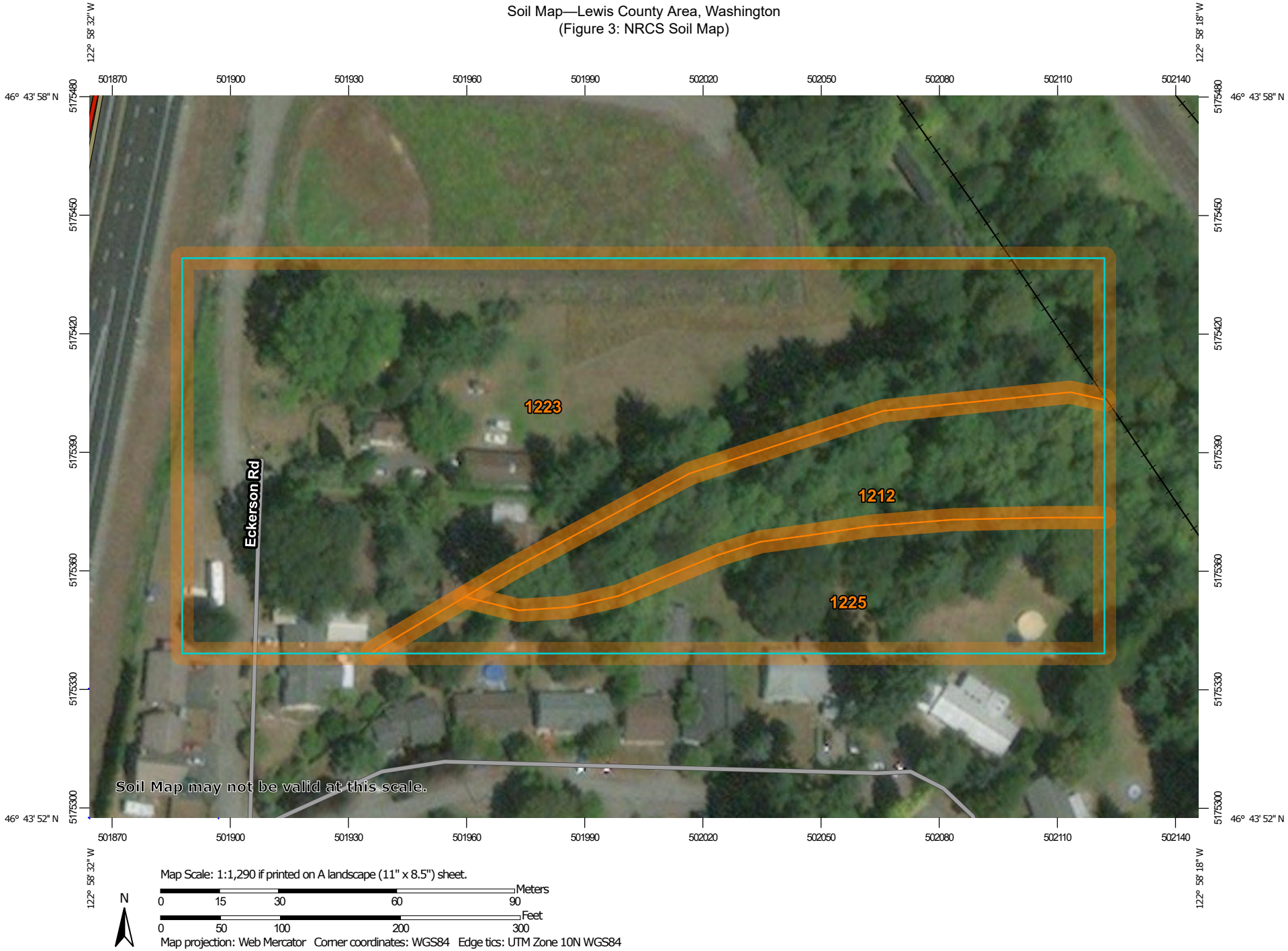
THE PROPERTY LINES IN THIS MAP ARE APPROXIMATE AND ARE NOT INTENDED TO BE USED AS A SURVEY.

FIGURE 2: SITE MAP
TEST PLOT LOCATIONS

Environmental Design, LLC.
Septic Design • Wetlands • Mapping
901 L Street
Centralia, Wa. 98531
(360) 219-3343

CLIENT NAME:	SANG HOU	SITE ADDRESS:	1330 ECKERSON ROAD	JOB NUMBER:	2019-112
MAILING ADDRESS:	----		CENTRALIA, WA	DATE:	07/31/2020
	----	PARCEL NUMBER:	021140000000	DRAFTED BY:	BJR
PHONE NUMBER:	----	SEC-TWN-RNG:	06-14N-02W	REVIEWED BY:	BJR

Soil Map—Lewis County Area, Washington
(Figure 3: NRCS Soil Map)



Map Scale: 1:1,290 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lewis County Area, Washington
Survey Area Data: Version 18, Sep 10, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 29, 2016—Oct 10, 2016

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1212	Scatter-Fordprairie-Roundtree complex, 0 to 12 percent slopes	0.9	16.3%
1223	Maytown-Chehalis-Rennie complex, 0 to 10 percent slopes	3.8	65.3%
1225	Eld-Fordprairie complex, 0 to 12 percent slopes	1.1	18.3%
Totals for Area of Interest		**5.8**	**100.0%**

U.S. Fish and Wildlife Service
National Wetlands Inventory

Figure 4: NWI Map

June 17, 2019

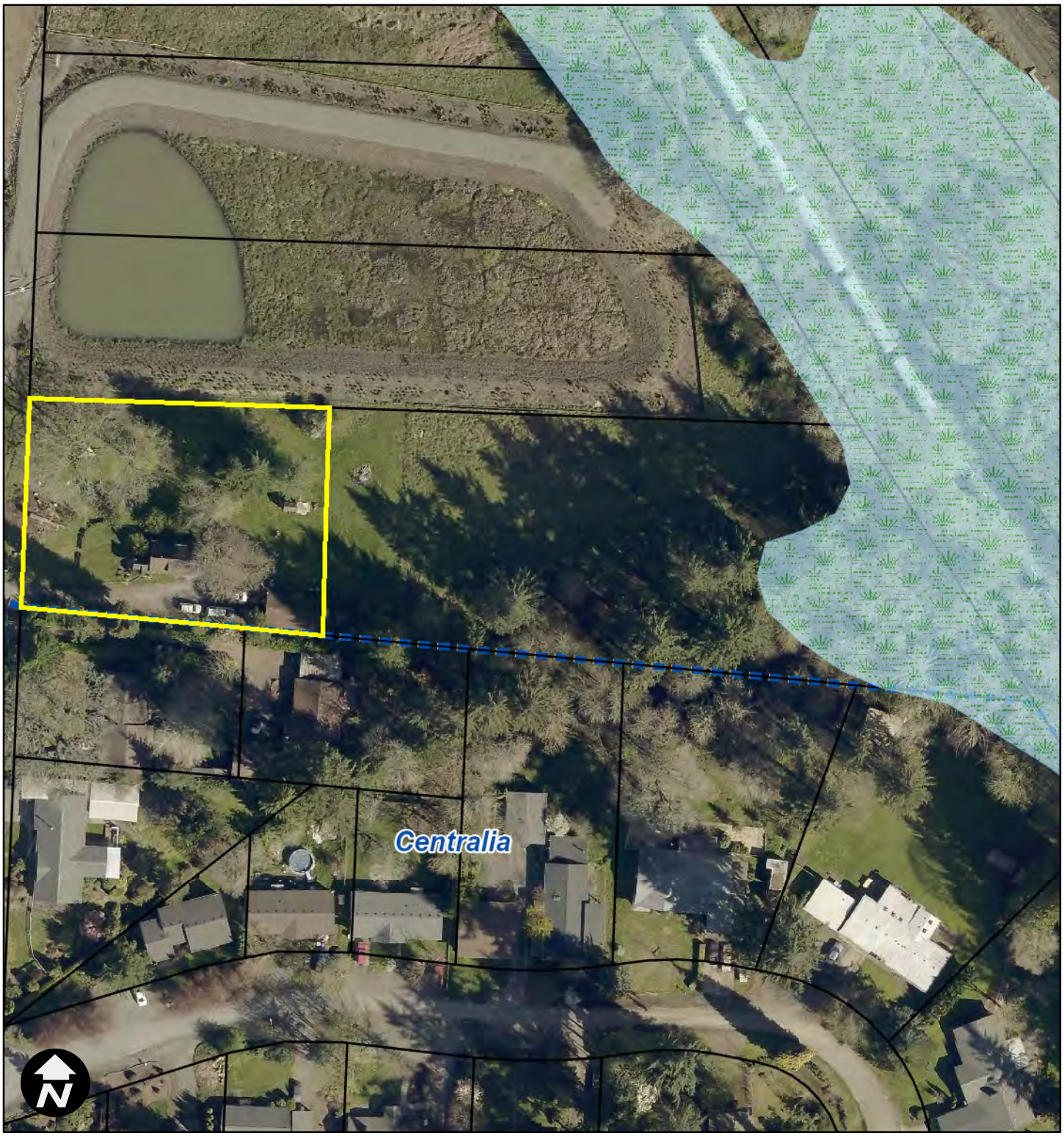
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Figure 5: Lewis County Critical Area Map



6/17/2019, 1:05:29 PM

1:1,128

Search Results: Parcels

- Override 1
- Wetlands
- Hydric Soils
- Parcels
- City Limits
- UGA

0 50 100 200 ft

NAD 1983 StatePlane Washington South FIPS 4602 Feet

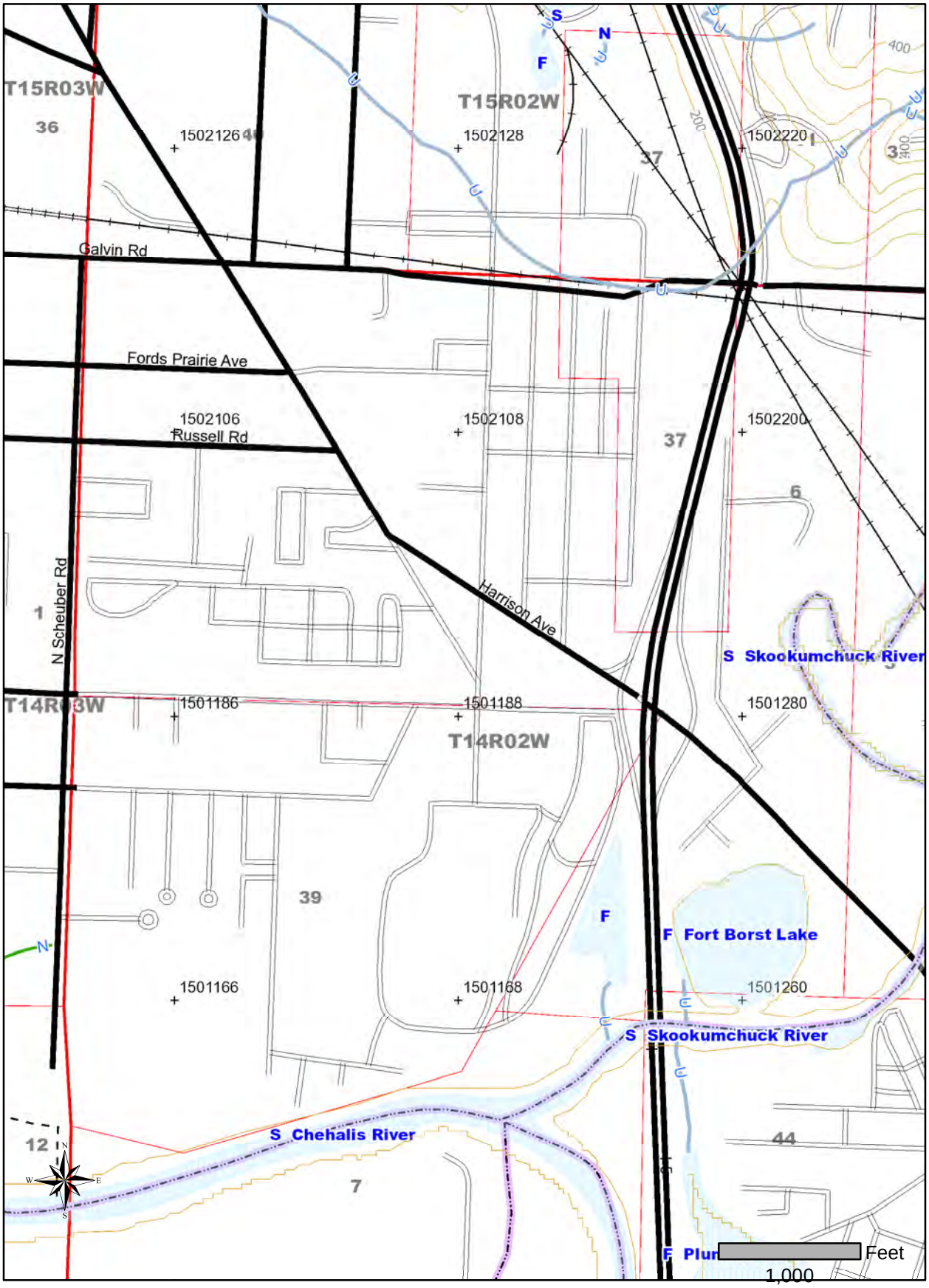
LEWIS COUNTY
est. 1845

Lewis County G.I.S.

Figure 6: Forest Practice Activity Map

S31 T15.0N R02.0W, S05 T14.0N R02.0W, S32 T15.0N R02.0W
S44 T14.0N R02.0W, S07 T14.0N R02.0W, S36 T15.0N R03.0W
S40 T15.0N R02.0W, S37 T14.0N R02.0W, S39 T14.0N R02.0W
S37 T15.0N R02.0W, S01 T14.0N R03.0W, S06 T14.0N R02.0W
S12 T14.0N R03.0W

Application #: _____



Date: 6/17/2019 Time: 1:32:27 PM

NAD 83 Scale: 1:12,000

Contour Interval: 40 Feet

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
PRIORITY HABITATS AND SPECIES REPORT

SOURCE DATASET: PHSPlusPublic Query ID: P190617132838
REPORT DATE: 06/17/2019 1.29

Common Name Scientific Name Notes	Site Name Source Dataset Source Record Source Date	Priority Area Occurrence Type More Information (URL) Mgmt Recommendations	Accuracy	Federal Status State Status PHS Listing Status	Sensitive Data Resolution	Source Entity Geometry Type
Freshwater Forested/Shrub	N/A NWIWetlands	Aquatic Habitat Aquatic habitat http://www.ecy.wa.	NA	N/A N/A PHS Listed	N AS MAPPED	US Fish and Wildlife Service Polygons

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 necesssary to rule out the presence of priority resources. Locations of fish and wildlife resources are subject to vraition caused by disturbance, changes in season and weather, and other factors. WDFW does not recommend using reports more than six months old.

WDFW Test Map

June 17, 2019

PHS Report Clip Area

PT

LN

POLY

AS MAPPED

SECTION

QTR-TWP

TOWNSHIP

1:19,842

0 0.15 0.3 0.6 mi

0 0.275 0.55 1.1 km

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Appendix B:

Site Pictures

View the site

Appendix C:

Test Plot Data Forms

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: 1330 Eckerson Road **City/County:** Centralia / Lewis **Sampling Date:** 16-May-19

Applicant/Owner: Sang Hou **State:** Washington **Sampling Point:** WTP 1

Investigator(s): Becky Rieger **Section, Township, Range:** S 6 T 14 N R 02 W

Landform (hillslope, terrace, etc.): Flat **Local relief (concave, convex, none):** **Slope:** 0.0 % / 0.0 °

Subregion (LRR): **Lat.:** **Long.:** **Datum:**

Soil Map Unit Name: Maytown-Chehalis-Rennie Complex **NWI classification:** N/A

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ◉ No ○ **(If no, explain in Remarks.)**

Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ◉ No ○

Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **naturally problematic?** **(If needed, explain any answers in Remarks.)**

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ○ No ◉	**Is the Sampled Area within a Wetland?** Yes ○ No ◉
Hydric Soil Present? Yes ○ No ◉	
Wetland Hydrology Present? Yes ○ No ◉	

Remarks:
Site does not meet criteria

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
Tree Stratum (Plot size:)			
1. Pseudotsuga menziesii	40	☑ 100.0%	FACU
2.	0	☐ 0.0%	
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
	40	= Total Cover	
Sapling/Shrub Stratum (Plot size:)			
1. Gaultheria shallon	20	☑ 33.3%	FACU
2. Poa annua	40	☑ 66.7%	FAC
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
5.	0	☐ 0.0%	
	60	= Total Cover	
Herb Stratum (Plot size:)			
1.	0	☐ 0.0%	
2.	0	☐ 0.0%	
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
5.	0	☐ 0.0%	
6.	0	☐ 0.0%	
7.	0	☐ 0.0%	
8.	0	☐ 0.0%	
9.	0	☐ 0.0%	
10.	0	☐ 0.0%	
11.	0	☐ 0.0%	
	0	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.	0	☐ 0.0%	
2.	0	☐ 0.0%	
	0	= Total Cover	

% Bare Ground in Herb Stratum: 0

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 33.3% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	**x 1 =**	0
FACW species	0	**x 2 =**	0
FAC species	40	**x 3 =**	120
FACU species	60	**x 4 =**	240
UPL species	0	**x 5 =**	0
Column Totals:	100	**(A)**	360 **(B)**

Prevalence Index = B/A = 3.600

Hydrophytic Vegetation Indicators:

- ☐ **1 - Rapid Test for Hydrologic Vegetation**
- ☐ **2 - Dominance Test is > 50%**
- ☐ **3 - Prevalence Index is ≤3.0** [1]
- ☐ **4 - Morphological Adaptations** [1] **(Provide supporting data in Remarks or on a separate sheet)**
- ☐ **5 - Wetland Non-Vascular Plants** [1]
- ☐ **Problematic Hydrophytic Vegetation** [1] **(Explain)**

[1] **Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.**

Hydrophytic Vegetation Present? Yes ○ No ◉

Remarks:
Vegetation does not meet criteria

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: WTP 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		%	Redox Features Color (moist)		%	Type[1]	Loc[2]	Texture	Remarks
0-22	10YR	4/3	100						Silty Clay Loam	

[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.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Muck Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except in MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Other (Explain in Remarks)

[3]Indicators 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:

soil is not hydric

Hydrology

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ 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 (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two 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)

Field Observations:

Surface Water Present? Yes ○ No ◉ Depth (inches):

Water Table Present? Yes ○ No ◉ Depth (inches):

Saturation Present? (includes capillary fringe) Yes ○ No ◉ Depth (inches):

Wetland Hydrology Present? Yes ○ No ◉

Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspections), if available:

Aerial Photos

Remarks:

Hydrology is not present

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: 1330 Ekerson Road **City/County:** Centralia / Lewis **Sampling Date:** 16-May-19

Applicant/Owner: Sang Hou **State:** Washington **Sampling Point:** WTP 2

Investigator(s): Becky Rieger **Section, Township, Range:** S 6 T 14 N R 02 W

Landform (hillslope, terrace, etc.): Flat **Local relief (concave, convex, none):** **Slope:** 0.0 % / 0.0 °

Subregion (LRR): **Lat.:** **Long.:** **Datum:**

Soil Map Unit Name: Maytown-Chehalis-Rennie Complex **NWI classification:** N/A

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ◉ No ○ **(If no, explain in Remarks.)**

Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ◉ No ○

Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **naturally problematic?** **(If needed, explain any answers in Remarks.)**

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ○ No ◉	**Is the Sampled Area within a Wetland?** Yes ○ No ◉
Hydric Soil Present? Yes ○ No ◉	
Wetland Hydrology Present? Yes ○ No ◉	

Remarks:
Site does not meet criteria

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
Tree Stratum (Plot size:)			
1. Pseudotsuga menziesii	40	☑ 100.0%	FACU
2.	0	☐ 0.0%	
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
	40	= Total Cover	
Sapling/Shrub Stratum (Plot size:)			
1. Gaultheria shallon	20	☑ 33.3%	FACU
2. Poa annua	40	☑ 66.7%	FAC
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
5.	0	☐ 0.0%	
	60	= Total Cover	
Herb Stratum (Plot size:)			
1.	0	☐ 0.0%	
2.	0	☐ 0.0%	
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
5.	0	☐ 0.0%	
6.	0	☐ 0.0%	
7.	0	☐ 0.0%	
8.	0	☐ 0.0%	
9.	0	☐ 0.0%	
10.	0	☐ 0.0%	
11.	0	☐ 0.0%	
	0	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.	0	☐ 0.0%	
2.	0	☐ 0.0%	
	0	= Total Cover	

% Bare Ground in Herb Stratum: 0

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 33.3% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	**x 1 =**	0
FACW species	0	**x 2 =**	0
FAC species	40	**x 3 =**	120
FACU species	60	**x 4 =**	240
UPL species	0	**x 5 =**	0
Column Totals:	100	**(A)**	360 **(B)**

Prevalence Index = B/A = 3.600

Hydrophytic Vegetation Indicators:

- ☐ **1 - Rapid Test for Hydrologic Vegetation**
- ☐ **2 - Dominance Test is > 50%**
- ☐ **3 - Prevalence Index is ≤3.0** [1]
- ☐ **4 - Morphological Adaptations** [1] **(Provide supporting data in Remarks or on a separate sheet)**
- ☐ **5 - Wetland Non-Vascular Plants** [1]
- ☐ **Problematic Hydrophytic Vegetation** [1] **(Explain)**

[1] **Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.**

Hydrophytic Vegetation Present? Yes ○ No ◉

Remarks:
Vegetation does not meet criteria

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: WTP 2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		%	Redox Features Color (moist)		%	Type[1]	Loc[2]	Texture	Remarks
0-22	10YR	4/3	100						Silty Clay Loam	

[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.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Muck Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except in MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Other (Explain in Remarks)

[3]Indicators 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:

soil is not hydric

Hydrology

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ 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 (B6)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two 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)

Field Observations:

Surface Water Present?	Yes ○	No ◉	Depth (inches):	
Water Table Present?	Yes ○	No ◉	Depth (inches):	
Saturation Present? (includes capillary fringe)	Yes ○	No ◉	Depth (inches):	

Wetland Hydrology Present? Yes ○ No ◉

Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspections), if available:

Aerial Photos

Remarks:

Hydrology is not present

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: 1330 Eckerson Road **City/County:** Centralia / Lewis **Sampling Date:** 16-May-19

Applicant/Owner: Sang Hou **State:** Washington **Sampling Point:** WTP 3

Investigator(s): Becky Rieger **Section, Township, Range:** S 6 T 14 N R 02 W

Landform (hillslope, terrace, etc.): Flat **Local relief (concave, convex, none):** **Slope:** 0.0 % / 0.0 °

Subregion (LRR): **Lat.:** **Long.:** **Datum:**

Soil Map Unit Name: Maytown-Chehalis-Rennie Complex **NWI classification:** N/A

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ◉ No ○ **(If no, explain in Remarks.)**

Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ◉ No ○

Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **naturally problematic?** **(If needed, explain any answers in Remarks.)**

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ◉ No ○	**Is the Sampled Area within a Wetland?** Yes ◉ No ○
Hydric Soil Present? Yes ◉ No ○	
Wetland Hydrology Present? Yes ◉ No ○	

Remarks:
Site does meet criteria

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
Tree Stratum (Plot size:)			
1. Pseudotsuga menziesii	10	☐ 11.1%	FACU
2. Thuja plicata	40	☑ 44.4%	FAC
3. Alnus rubra	40	☑ 44.4%	FAC
4.	0	☐ 0.0%	
	90	= Total Cover	
Sapling/Shrub Stratum (Plot size:)			
1. Gaultheria shallon	10	☑ 20.0%	FACU
2. Ranunculus repens	40	☑ 80.0%	FAC
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
5.	0	☐ 0.0%	
	50	= Total Cover	
Herb Stratum (Plot size:)			
1.	0	☐ 0.0%	
2.	0	☐ 0.0%	
3.	0	☐ 0.0%	
4.	0	☐ 0.0%	
5.	0	☐ 0.0%	
6.	0	☐ 0.0%	
7.	0	☐ 0.0%	
8.	0	☐ 0.0%	
9.	0	☐ 0.0%	
10.	0	☐ 0.0%	
11.	0	☐ 0.0%	
	0	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.	0	☐ 0.0%	
2.	0	☐ 0.0%	
	0	= Total Cover	

% Bare Ground in Herb Stratum: 0

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 75.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	**x 1 =**	0
FACW species	0	**x 2 =**	0
FAC species	120	**x 3 =**	360
FACU species	20	**x 4 =**	80
UPL species	0	**x 5 =**	0
Column Totals:	140	**(A)**	440 **(B)**

Prevalence Index = B/A = 3.143

Hydrophytic Vegetation Indicators:

- ☐ **1 - Rapid Test for Hydrologic Vegetation**
- ☑ **2 - Dominance Test is > 50%**
- ☐ **3 - Prevalence Index is ≤3.0** [1]
- ☐ **4 - Morphological Adaptations** [1] **(Provide supporting data in Remarks or on a separate sheet)**
- ☐ **5 - Wetland Non-Vascular Plants** [1]
- ☐ **Problematic Hydrophytic Vegetation** [1] **(Explain)**

[1] **Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.**

Hydrophytic Vegetation Present? Yes ◉ No ○

Remarks:
Vegetation does meet criteria

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: WTP 3

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)		%	Redox Features Color (moist)		%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR	4/3	100						Silty Clay Loam	
6-21	10YR	4/1	80	10YR	6/6	40	C	M	Silty Clay Loam	

[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.)

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☑ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Muck Mineral (S1)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1) (except in MLRA 1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ☐ 2 cm Muck (A10)
- ☐ Red Parent Material (TF2)
- ☐ Other (Explain in Remarks)

[3]Indicators 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:

soil is hydric

Hydrology

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ☐ 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 (B6)
- ☑ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ☐ Salt Crust (B11)
- ☐ Aquatic Invertebrates (B13)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Stunted or Stressed Plants (D1) (LRR A)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two 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)

Field Observations:

Surface Water Present?	Yes ○	No ◉	Depth (inches):
Water Table Present?	Yes ○	No ◉	Depth (inches):
Saturation Present? (includes capillary fringe)	Yes ○	No ◉	Depth (inches):

Wetland Hydrology Present? Yes ◉ No ○

Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspections), if available:

Aerial Photos

Remarks:

Hydrology is present

Appendix D:

Wetland Rating Forms

Wetland name or number A

RATING SUMMARY – Western Washington

Name of wetland (or ID #): Wetland A Date of site visit: March 2020

Rated by Becky Rieger Trained by Ecology? X Yes ___No Date of training 6/2014

HGM Class used for rating Depressional Wetland has multiple HGM classes? ___Y X N

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

OVERALL WETLAND CATEGORY IV (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

_____**Category III** – Total score = 16 - 19

X **Category IV** – Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	Circle the appropriate ratings			
Site Potential	H (M) L	H M (L)	H M (L)	
Landscape Potential	H M (L)	H M (L)	H M (L)	
Value	H M (L)	H M (L)	H M (L)	**TOTAL**
Score Based on Ratings	4	3	3	10

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	**I II**
Wetland of High Conservation Value	**I**
Bog	**I**
Mature Forest	**I**
Old Growth Forest	**I**
Coastal Lagoon	**I II**
Interdunal	**I II III IV**
None of the above	N/A

Wetland name or number A

Maps and figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	RF1
Hydroperiods	D 1.4, H 1.2	RF2
Location of outlet (*can be added to map of hydroperiods)*	D 1.1, D 4.1	RF2
Boundary of area within 150 ft of the wetland *(can be added to another figure)*	D 2.2, D 5.2	RF3
Map of the contributing basin	D 4.3, D 5.3	RF3
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	RF4
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	303D Map
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	303D Map

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland *(can be added to another figure)*	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream *(can be added to another figure)*	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland *(can be added to another figure)*	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to figure above)*	S 4.1	
Boundary of 150 ft buffer (can be added to another figure)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

Wetland name or number A

HGM Classification of Wetlands in Western Washington

For questions 1-7, the criteria described must apply to the entire unit being rated.

If the hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1-7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

   (NO) – go to 2 **YES** – the wetland class is **Tidal Fringe** – go to 1.1

   1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

   NO – Saltwater Tidal Fringe (Estuarine) **YES – Freshwater Tidal Fringe**
   *If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

   (NO) – go to 3 **YES** – The wetland class is **Flats**
   *If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
   ___The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
   ___At least 30% of the open water area is deeper than 6.6 ft (2 m).

   (NO) – go to 4 **YES –** The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
   ___The wetland is on a slope (*slope can be very gradual*),
   ___The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks,
   ___The water leaves the wetland **without being impounded**.

   (NO) – go to 5 **YES –** The wetland class is **Slope**

   NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
   ___The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
   ___The overbank flooding occurs at least once every 2 years.

Wetland name or number A

(NO) – go to 6 **YES** – The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

NO – go to 7 (YES) – The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

NO – go to 8 **YES** – The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

*If you are still unable to determine which of the above criteria apply to your wetland, or if you have **more than 2 HGM classes** within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number A

DEPRESSIONAL AND FLATS WETLANDS

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

D 1.0. Does the site have the potential to improve water quality?	
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1	2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic *(use NRCS definitions).* Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^1/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^1/_{10}$ of area points = 0	3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0	2
Total for D 1 Add the points in the boxes above	7

Rating of Site Potential If score is: ___ **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 = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants? Yes = 1 No = 0	0
D 2.3. Are there septic systems within 250 ft of the wetland? Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1-D 2.3? Source_____ Yes = 1 No = 0	0
Total for D 2 Add the points in the boxes above	0

Rating of Landscape Potential If score is: ___ **3 or 4 = H** ___ **1 or 2 = M** X **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 the 303(d) list? Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list? Yes = 1 No = 0	0
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)? Yes = 2 No = 0	0
Total for D 3 Add the points in the boxes above	0

Rating of Value If score is: ___ **2-4 = H** ___ **1 = M** X **0 = L** *Record the rating on the first page*

Wetland name or number A

DEPRESSIONAL AND FLATS WETLANDS

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

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	2
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	0
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 Entire wetland is in the Flats class points = 5	3
Total for D 4 Add the points in the boxes above	5

Rating of Site Potential If score is: ___ **12-16 = H** ___ **6-11 = M** X **0-5 = L** *Record the rating on the first page*

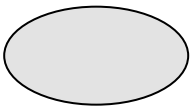
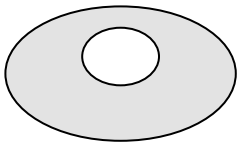
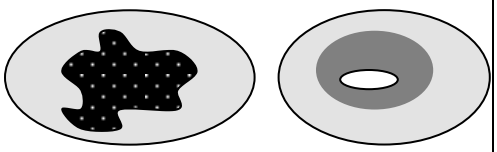
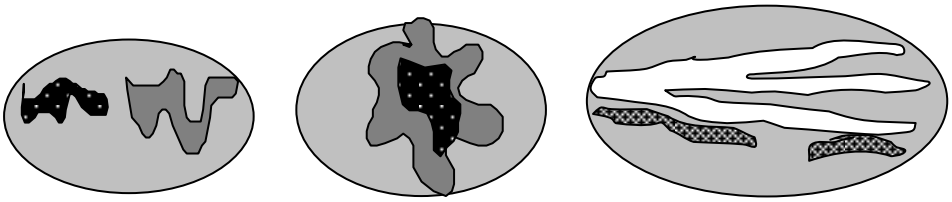
D 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
D 5.1. Does the wetland receive stormwater discharges? Yes = 1 No = 0	0
D 5.2. Is >10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	0
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	0
Total for D 5 Add the points in the boxes above	0

Rating of Landscape Potential If score is: ___ **3 = H** ___ **1 or 2 = M** X **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. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): • Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 • Surface flooding problems are in a sub-basin farther down-gradient. points = 1 Flooding from groundwater is an issue in the sub-basin. points = 1 The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. *Explain why* _____ points = 0 There are no problems with flooding downstream of the wetland. points = 0	0
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	0

Rating of Value If score is: ___ **2-4 = H** ___ **1 = M** X **0 = L** *Record the rating on the first page*

Wetland name or number A

These questions apply to wetlands of all HGM classes. **HABITAT FUNCTIONS** - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ____Aquatic bed — 4 structures or more: points = 4 _X_Emergent — 3 structures: points = 2 _X_Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points = 1 _X_Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if:* ____The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	2
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ____Permanently flooded or inundated — 4 or more types present: points = 3 _X_Seasonally flooded or inundated — 3 types present: points = 2 ____Occasionally flooded or inundated — 2 types present: points = 1 ____Saturated only — 1 type present: points = 0 ____Permanently flowing stream or river in, or adjacent to, the wetland ____Seasonally flowing stream in, or adjacent to, the wetland ____**Lake Fringe wetland** — **2 points** ____**Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*  **None** = 0 points  **Low** = 1 point  **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3points 	0

Wetland name or number __A__

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ____Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long). ____Standing snags (dbh > 4 in) within the wetland ____Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ____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)* __X__At least ¼ ac 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*)	1
Total for H 1 Add the points in the boxes above	4

Rating of Site Potential If score is:___**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 the habitat functions of the site?	
H 2.1. Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* % undisturbed habitat__5__ **+** [(% moderate and low intensity land uses)/2]__14__ **=** __19__% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20-33% of 1 km Polygon points = 2 10-19% of 1 km Polygon points = 1 < 10% of 1 km Polygon points = 0	1
H 2.2. ~~Undisturbed~~ habitat in 1 km Polygon around the wetland. *Calculate:* % undisturbed habitat__50__ **+** [(% moderate and low intensity land uses)/2]__30__ **=** __80__% ~~Undisturbed~~ habitat > 50% of Polygon points = 3 ~~Undisturbed~~ habitat 10-50% and in 1-3 patches points = 2 ~~Undisturbed~~ habitat 10-50% and > 3 patches points = 1 ~~Undisturbed~~ habitat < 10% of 1 km Polygon points = 0	1
H 2.3. Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (- 2) ≤ 50% of 1 km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	0

Rating of Landscape Potential If score is:___**4-6 = H** ___**1-3 = M** __X__**< 1 = L** *Record 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? *Choose only the highest score that applies to the wetland being rated.* Site meets ANY of the following criteria: points = 2 — It has 3 or more priority habitats within 100 m (see next page) — It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) — It is mapped as a location for an individual WDFW priority species — It is a Wetland of High Conservation Value as determined by the Department of Natural Resources — It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) within 100 m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If score is:___**2 = H** ___**1 = M** __X__**0 = L** *Record the rating on the first page*

Wetland name or number A

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp. http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here: http://wdfw.wa.gov/conservation/phs/list/)

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE:*** *This question is independent of the land use between the wetland unit and the priority habitat.*

— **Aspen Stands:** Pure or mixed stands of aspen greater than 1 ac (0.4 ha).

— **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).

— **Herbaceous Balds:** Variable size patches of grass and forbs on shallow soils over bedrock.

— **Old-growth/Mature forests:** Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.

— **Oregon White Oak:** Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).

— **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.

— **Westside Prairies:** Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).

— **Instream:** The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.

— **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page).*

— **Caves:** A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.

— **Cliffs:** Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.

— **Talus:** Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.

— **Snags and Logs:** Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number A

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. Circle the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine wetlands Does the wetland meet the following criteria for Estuarine wetlands? — The dominant water regime is tidal, — Vegetated, and — With a salinity greater than 0.5 ppt Yes –Go to **SC 1.1** (No)= **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? Yes = **Category I** No - Go to **SC 1.2**	**Cat. I**
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? — The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) — At least ¾ of the landward edge of the wetland has a 100 ft 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** No = **Category II**	**Cat. I** **Cat. II**
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? Yes **–** Go to **SC 2.2** (No) – Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? Yes **= Category I** No **= Not a WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf Yes **– Contact WNHP/WDNR and go to SC 2.4** (No) **= Not a WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? Yes **= Category I** No **= Not a WHCV**	**Cat. I**
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions.*** SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? Yes – Go to **SC 3.3** (No) – Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? Yes – Go to **SC 3.3** (No) = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? Yes = **Is a Category I bog** No – Go to **SC 3.4** **NOTE:** If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? Yes = **Is a Category I bog** No **= Is not a bog**	**Cat. I**

Wetland name or number A

SC 4.0. Forested Wetlands Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.*** — **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more. — **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm). Yes = **Category I** (No) = **Not a forested wetland for this section**	**Cat. I**
SC 5.0. Wetlands in Coastal Lagoons Does the wetland meet all of the following criteria of a wetland in a coastal lagoon? — 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, less frequently, rocks — The lagoon 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 lagoon *(needs to be measured near the bottom)* Yes – Go to **SC 5.1** (No) = **Not a wetland in a coastal lagoon** SC 5.1. 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 on p. 100). — At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. — The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2) Yes = **Category I** No = **Category II**	**Cat. I** **Cat. II**
SC 6.0. Interdunal Wetlands Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.*** In practical terms that means the following geographic areas: — Long Beach Peninsula: Lands west of SR 103 — Grayland-Westport: Lands west of SR 105 — Ocean Shores-Copalis: Lands west of SR 115 and SR 109 Yes – Go to **SC 6.1** (No) = **not an interdunal wetland for rating** SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)? Yes = **Category I** No – Go to **SC 6.2** SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger? Yes = **Category II** No – Go to **SC 6.3** SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac? Yes = **Category III** No = **Category IV**	**Cat I** **Cat. II** **Cat. III** **Cat. IV**
Category of wetland based on Special Characteristics If you answered No for all types, enter "Not Applicable" on Summary Form	N/A

Figure 1: Cowardin Plant Classes

7/31/2020, 4:21:27 PM

1:1,128

Parcels

Legend:
Red = Wetland Boundary
Note: All of Wetland Emergent and scrub / shrub

0 50 100 200 ft

NAD 1983 StatePlane Washington South FIPS 4602 Feet

LEWIS COUNTY
est. 1845

Lewis County G.I.S.

Figure 2: Hydroperiods

7/31/2020, 4:21:38 PM

1:1,128

Parcels

Legend:
Red = Wetland Boundary
Note:
All of Wetland Seasonally Ponded

0 50 100 200 ft

NAD 1983 StatePlane Washington South FIPS 4602 Feet

LEWIS COUNTY
est. 1845

Lewis County G.I.S.

Figure 3: Contributing Basin

7/31/2020, 4:24:58 PM

Parcels

Legend:
Red = Wetland Boundary
Light Blue = 150 Ft Buffer
Dark Blue = Contributing Basin

1:2,257

0 100 200 400 ft

NAD 1983 StatePlane Washington South FIPS 4602 Feet

LEWIS COUNTY
est. 1845

Lewis County G.I.S.

Figure 4: 1km Polygon

7/31/2020, 4:34:50 PM

1:18,056

Legend:
Red = Wetland Boundary
Red Shade = High Intensity
Unshade = Moderate Intensity

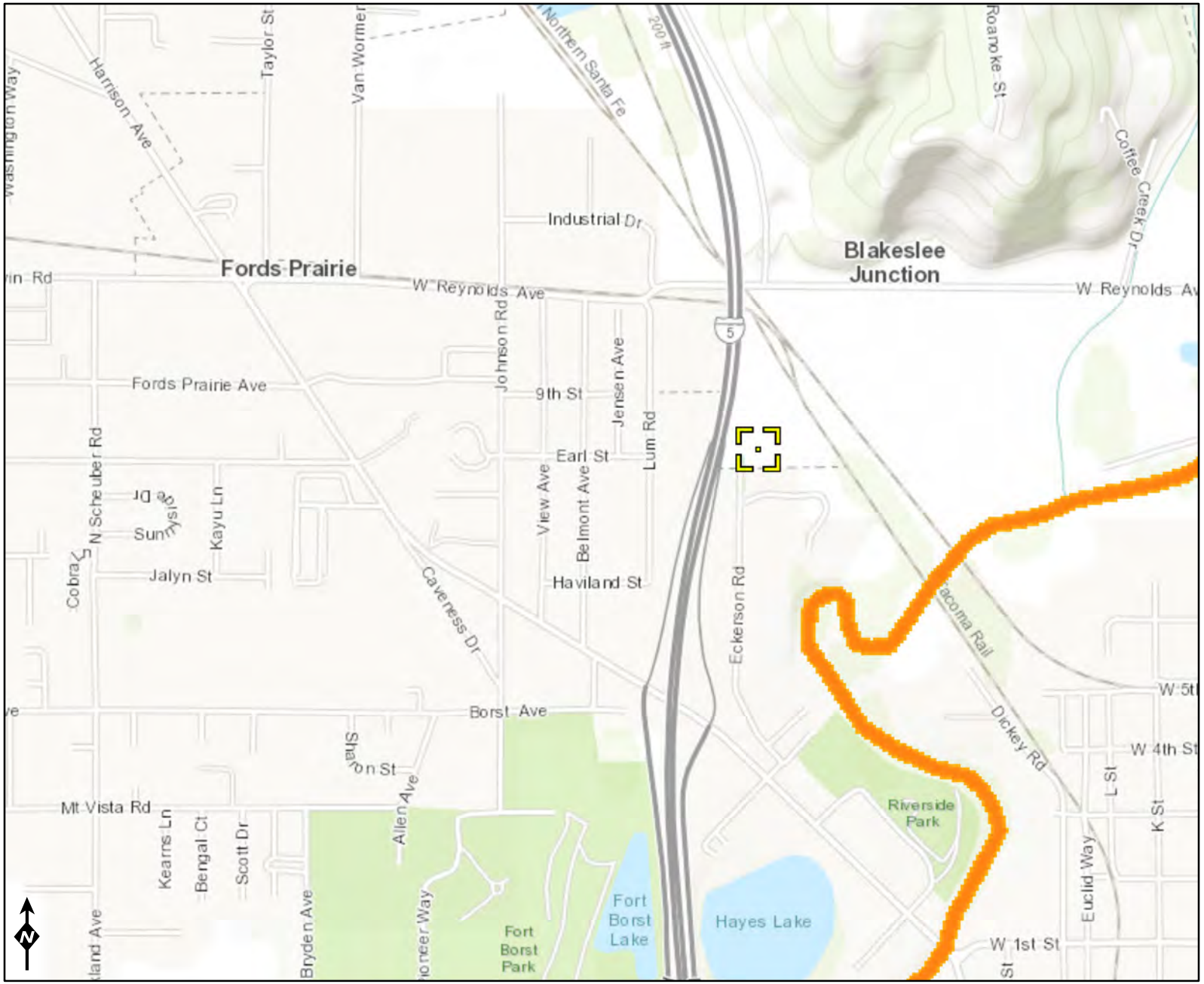
0 800 1,600 3,200 ft

NAD 1983 StatePlane Washington South FIPS 4602 Feet

LEWIS COUNTY
est. 1845

Lewis County G.I.S.

303d Mapper



Assessed Waters/Sediment

Water
- Category 5 - 303d
- Category 4C
- Category 4B
- Category 4A
- Category 2
- Category 1

Sediment
- Category 5 - 303d
- Category 4C
- Category 4B
- Category 4A
- Category 2
- Category 1

Credentials

Becky Rieger

Home Address:
901 L Street
Centralia, WA 98531

Home: (360) 736-3486
Cell: (360) 219-3343

Education

Associates Degree in Arts
Centralia Community College — Centralia, Washington
Date of Graduation: June 2007

Associates Degree in Applied Science
Major in Geographic Information Systems
Grays Harbor Community College — Aberdeen, Washington
Date of Graduation: June 2002

Continuing Education / Awards / Organizations

Olympia Master Builders
- Lewis County Associate Vice President
- Lewis County Outstanding Chapter Member for 2013

STEP (Woman in Manufacturing) Award (February 2013)

Coastal Training Program / Department of Ecology Training
- Certification Using the Updated Wetland Rating System (2014)
- Certificate in Identifying Hydric Soils (2012)
- Certificate in Using the Revised Wetland Rating System (2007)

Licensed On-Site Wastewater Designer (2009-Current) License # 5100369

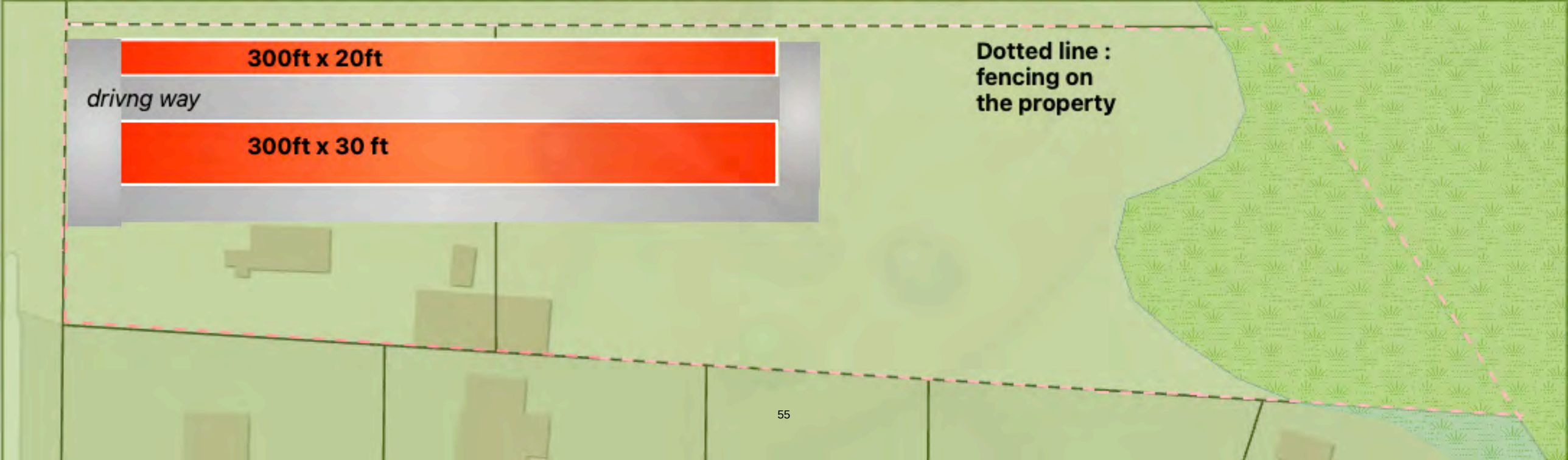
Oregon State University (2006)
- Certificate in Soil Identification

Portland State University Wetland Program (2006)
- Certificate in Wetland Delineation Course
- Certificate in Advanced Hydric Soils and Hydrology Course
- Certificate in Hydrophytic Vegetation Identification Coarse

Professional Experience

Licensed Designer / Wetland Specialist / Owner May 5, 2010 - Current
Environmental Design, LLC
- Complete Site and Soil Evaluations, Site Consultations, Topography Field Work
- Complete Septic Designs and mapping projects using MicroSurvey
- Complete Wetland and other Critical Area Reports per regulations
- Help with permitting process
- Research Jobs and Set up Files
- Use Topcon Total Station and Data Collector for Topography work

Assistant Designer / Wetland Specialist Feb. 24, 2005 – Oct. 30, 2007
Goode & Associates Supervisor: Jeannie Yackley
- Complete designs of on-site wastewater designs for county submittal
- Complete site and soil evaluations and produce findings in a report
- Communicate with county regulators, installers, and clients
- Conduct wetland determinations, delineations, mitigations and consultations
- Research projects, apply for permits, and conduct final inspections on installed septic systems


300ft x 20ft
drivng way
300ft x 30 ft
Dotted line :
fencing on
the property

IRISGROUP
civil engineers

299 N Market Blvd
Chehalis, WA 98532

8/30/2024

Patty Page P.E.
City of Centralia
1100 N. Tower Avenue
Centralia, WA 98531

Re: Anderland
0 Russell Road
Deviation Request

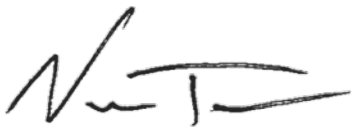
Dear Patty,

As you know, the City of Centralia's Standard Plan No. 4-13 indicates that the required length of the 20' wide hammerhead section is 70'. Due to the narrow width of the lot being developed, as well as the City's building setback and parking requirements, it is only feasible to provide a 66.7' hammerhead length for this project. The attached exhibit provides context for this scenario.

Please accept this letter as a formal request for this project to deviate from the standard hammerhead length by 3.3', for a proposed hammerhead length of 66.7'. It is not anticipated that this deviation would result in a loss of hammerhead function, specifically because there will be at least 3.3' of lawn space at the beginning of the hammerhead, which will allow for at least 3.3' of fire vehicle overhang into the yard, resulting in a clear maneuvering area of at least 70' in length.

Should you have any questions, I am available at (360) 890-8955. Thank you for your consideration.

Respectfully,



Nicholas D. Taylor, PE
Iris Group Civil Engineers

Attachments: Site Plan Exhibit

25' rear setback precludes shifting houses east to accommodate longer hammerhead

Driveways are already short, and would only get shorter if road is shifted east

Could extend by 2' to property line, but that would require work on the neighboring parcel

SCALE IN FEET
0 10 20

LOT	GROSS AREA (SF)	NET AREA* (SF)	IMPERVIOUS AREA** (SF)	PERVIOUS AREA (%)
1	11,28			
2	13,26			
3	17,30			
4	15,796	11,053	3,153	29%
5	13,517	10,896	3,153	29%
6	13,345	13,345	3,153	24%

* NET AREA IS GROSS AREA MINUS ACCESS EASEMENT AREA.

** EXCLUDES ROAD, DRIVEWAY, AND PARKING AREAS, WHICH WILL ALL BE PERVIOUS PAVEMENT.

Y NOTES

1. POSED DUPLEX (TYP)
2. POSED DETACHED ACCESSORY DWELLING UNIT (TYP)
3. POSED 2' WIDE RED STRIPE WITH 1' WHITE WORDS SAYING "FIRE DEPARTMENT ESS ONLY, NO PARKING"
4. POSED STOP SIGN PER DETAIL 2/C8
5. POSED ROADWAY CENTERLINE. SEE COVER SHEET FOR CONTROL.
6. PROPOSED EASEMENT FOR PUBLIC UTILITIES, COMMUNITY ACCESS, AND MAINTENANCE.
7. PROPOSED "NO PARKING FIRE LANE" SIGN PER DETAIL 5/C8 AND MOUNTED PER DETAIL 2/C8.
8. PROPOSED HAMMERHEAD TURNAROUND PER DETAIL 6/C8
9. PROPOSED PARKING EASEMENT FOR LOT 3
10. PROPOSED PARKING EASEMENT FOR LOT 6
11. PROPOSED PARKING AREA (TYP)
12. PROPOSED DRIVEWAY
13. PROPOSED MAILBOX BANK. COORDINATE WITH THE UNITED STATES POSTAL SERVICE FOR MAILBOX TYPE AND LOCATION.
14. PROPOSED PERVIOUS PAVEMENT PER DRAINAGE PLAN (TYP)
15. PROPOSED PERVIOUS CONCRETE PER DRAINAGE PLAN (TYP)

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

APPROVAL EXPIRES 1 YEAR FROM ABOVE DATE

IRISGROUP civil engineers
360-890-8955 | 299 N Market Blvd, Chehalis, WA 98532

ANDERLAND SUBDIVISION
SEC 01, TWN 14N, RNG 03W, WM
LEWIS COUNTY, TPN 021918002002
0 RUSSELL RD
CENTRALIA, WA 98531

SITE AND HORIZONTAL CONTROL

PROJ. NO: MA301
REVIEWED BY: NDT
DESIGNED BY: NDT
DRAWN BY: RCB
DATE: 05-17-2024

Know what's BELOW
Call 811 before you dig.

NICHOLAS DAVID TAYLOR
STATE OF WASHINGTON
46113
REGISTERED PROFESSIONAL ENGINEER
05-16-2024

C4
4 OF 11

SITE PLAN REVIEW COMMITTEE

Pre-Application Conference Request

MEETING DATE: Every Monday; excluding holidays and subject to number of submittals

TIME: 10:00 AM, each submittal will be given approximately 30 minutes.

LOCATION: Online via Zoom

Parcel Number(s): 023747012000

Site Address: 2999 Harrison Ave

Applicant/Agent: David Wilson

Phone and Email: 253-335-5263 david.wilson@ppmmenage.com

Description of Proposal (attach a separate sheet if needed):

16 units, 4 4plex buildings on 2.15 acres

Submittal Requirements:

- [x] Conceptual site plan showing existing and proposed uses and structures.
- [x] Details on anticipated utility needs (water meter size, sewer capacity, power loads, etc.)
- [x] Details on anticipated traffic impacts (existing roads, vehicles trips per day, etc.)

The purpose of the pre-application conference is to acquaint the applicant with the review procedures and applicable Centralia Municipal code provisions. It is not a full comprehensive technical review. Comments from staff are not binding and are not to be construed as approvals, waivers, variances, etc.

Submittals must be complete and received no later than 3:00 PM on the Wednesday preceding the next meeting date in order to be added to the next meeting agenda. Submittals may be made via digital or paper copies. If you have studies and/or additional information that may aide in our review of the project, please include those with your submittal.

CITY OF CENTRALIA SHORT PLAT UGA-SP-24-XXXX

PORTION OF THE SE 1/4 SW 1/4 SEC 25, T 15 N, R 3 W, W.M.
CITY OF CENTRALIA, LEWIS COUNTY, WASHINGTON

ORIGINAL LEGAL DESCRIPTION:

(PER BARGAIN AND SALE DEED RECORDED UNDER LEWIS COUNTY AUDITOR FILE NO. 3471933)

A PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 25, TOWNSHIP 15 NORTH, RANGE 3 WEST, W.M., LEWIS COUNTY, WASHINGTON DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT ON THE WESTERLY BOUNDARY OF PACIFIC HIGHWAY 339.8 FEET NORTH OF TEH SOUTH LINE OF SAID SECTION; THENCE NORTH 85°25'30" WEST 428.94 FEET; THENCE NORTH 04°2437" EAST 332.53 FEET; THENCE SOUTH 85°28'36" EAST 59.81 FEER; THENCE SOUTH 85°18'45" EAST 312.52 FEET TO THE WEST LINE OF PACIFIC HIGHWAY; THENCE SOUTH 00°09'42" EAST 60.15 FEET; THENCE SOUTHWESTERLY ALONG A CURVE TO THE LEFT WITH A RADIUS OF 1176.0 FEET AND SUBTENDED ANGLE OF 13°52'40" FOR A DISTANCE OF 277.38 FEET TO THE PLACE OF BEGINNING.
ALSO KNOW OF REORD AS LOT 1, SHORT PLAT #77-009.
AND
AN EASEMENT, 30 FEET OF EVEN WIDTH, THE SOUTHERLY LINE OF WHICH IS DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT ON THE WESTERLY BOUNDARY OF PACIFIC HIGHWAY, 339.8 FEET NORTH OF THE SOUTH LINE OF SECTION 25, TOWNSHIP 15 NORTH, RANGE 3 WEST, W.M., LEWIS COUNTY, WASHINGTON; THENCE NORTH 85°25'30" WEST 740 FEET TO THE TERMINUS OF SAID SOUTHERLY LINE OF SAID EASEMENT.

NEW LEGAL DESCRIPTIONS:

LOT 1 OF CITY OF CENTRALIA UGA SP NO. 2024-XXXX.
LOT 2 OF CITY OF CENTRALIA UGA SP NO. 2024-XXXX.
LOT 3 OF CITY OF CENTRALIA UGA SP NO. 2024-XXXX.
LOT 4 OF CITY OF CENTRALIA UGA SP NO. 2024-XXXX.
LOT 5 OF CITY OF CENTRALIA UGA SP NO. 2024-XXXX.
LOT 6 OF CITY OF CENTRALIA UGA SP NO. 2024-XXXX.

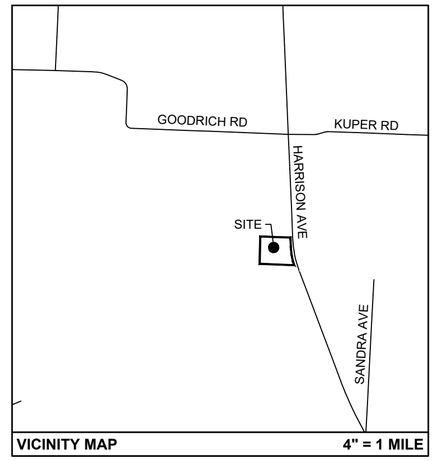
BASIS OF BEARING

HOLDING SURVEY CONTROL BEARINGS PER RECORD OF SURVEY RECORDED UNDER LEWIS COUNTY RECORDING NO. 3144603 VOLUME 21 OF SURVEYS AT PAGE 175.

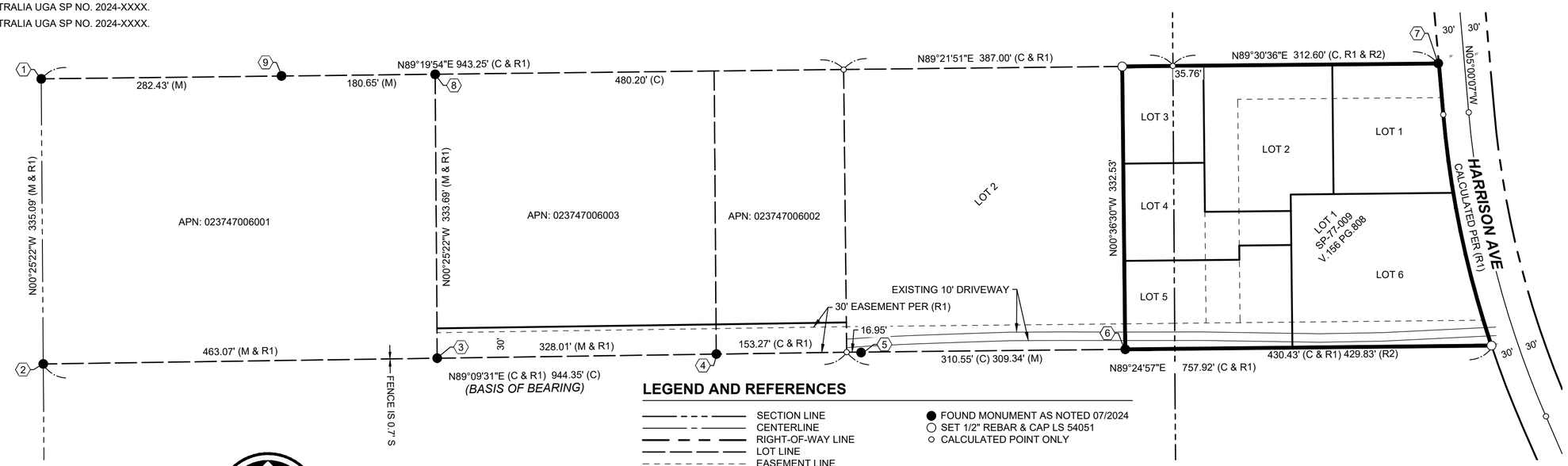
SURVEY DATA

EQUIPMENT USED: TRIMBLE R12 RTK GPS AND S5 1-SECOND TOTAL STATION.
METHOD: CLOSED GROUND TRAVERSE WITH ACCURACIES AND CLOSURES EXCEEDING THE STANDARDS FOR LAND BOUNDARY SURVEYS AS SET FORTH IN WAC CHAPTER 332-130-090

CONDITIONS OF DEVELOPMENT



VICINITY MAP 4" = 1 MILE



100 50 0 100 200
SCALE IN FEET

LEGEND AND REFERENCES

- SECTION LINE
- CENTERLINE
- RIGHT-OF-WAY LINE
- LOT LINE
- EASEMENT LINE
- BUILDING SETBACK LINE
- NEW LOT LINE
- SITE BOUNDARY/ PARENT PARCEL
- FOUND MONUMENT AS NOTED 07/2024
- SET 1/2" REBAR & CAP LS 54051
- CALCULATED POINT ONLY

(C) DATA CALCULATED THIS SURVEY
(M) DATA MEASURED THIS SURVEY
(R1) DATA PER RECORD OF SURVEY RECORDED UNDER LEWIS COUNTY AUDITOR'S FILE NO. 3144603, VOLUME 21, PAGE 175.
(R2) DATA PER RECORD OF SURVEY RECORDED UNDER LEWIS COUNTY AUDITOR'S FILE NO. 1131451, VOLUME 14, PAGE 129.
(R3) DATA PER RECORD OF SURVEY RECORDED UNDER LEWIS COUNTY AUDITOR'S FILE NO. 3574469, VOLUME 34, PAGE 239.
(R4) DATA PER SHORT PLAT NO. SP-77-009 RECORDED UNDER LEWIS COUNTY AUDITOR'S FILE NO. 841866, VOLUME 156 OF SHORT PLATS, PAGE 808.
(R5) DATA PER RE-RECORD OF SURVEY RECORDED UNDER LEWIS COUNTY AUDITOR'S FILE NO. 2000298, VOLUME 2, PAGE 19.

COMMUNITY DEVELOPMENT APPROVAL

EXAMINED AND APPROVED BY THIS _____ DAY OF _____, 2024.

_____
COMMUNITY DEVELOPMENT, CITY OF CENTRALIA

ENGINEERS APPROVAL

EXAMINED AND APPROVED BY THIS _____ DAY OF _____, 2024.

_____
ENGINEER, CITY OF CENTRALIA

DECLARATION OF SHORT SUBDIVISION

WE, THE UNDERSIGNED, ATTEST THAT I/WE ARE THE OWNER(S) OF THE LANDS SHOWN ON THIS SHORT SUBDIVISION AND THAT THIS SHORT SUBDIVISION IS MADE WITH MY/OUR FREE CONSENT AND IN ACCORDANCE WITH OUR DESIRES.

_____ _____
DAVID LUND DATE

_____ _____
CAROL LUND DATE

TREASURER CERTIFICATION

I HEREBY CERTIFY THAT ALL STATE AND COUNTY TAXES HERETOFORE LEVIED AGAINST THE PROPERTY DESCRIBED HEREON, ACCORDING TO THE BOOKS AND RECORDS OF MY OFFICE, HAVE BEEN FULLY PAID AND DISCHARGED.

_____ _____
TREASURER DATE:

AUDITOR'S CERTIFICATE

_____
RECORDING NO.

FILED FOR RECORD THIS _____ DAY OF _____, 2024,
AT _____ M. IN BOOK _____ OF SHORT PLATS AT PAGES_____,
AT THE REQUEST OF JOHN W. GOODMAN
SURVEYOR'S NAME

_____ _____
COUNTY AUDITOR DEPUTY AUDITOR

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE SURVEY RECORDING ACT FOR DAVID WILSON IN JULY 2024

_____ _____
REGISTERED PROFESSIONAL LAND SURVEYOR DATE:

CERTIFICATE NUMBER 54051

JOHN W. GOODMAN STATE OF WASHINGTON 54051 REGISTERED PROFESSIONAL LAND SURVEYOR
PRELIMINARY

FORESIGHT SURVEYING, INC.
PROFESSIONAL LAND SURVEYORS

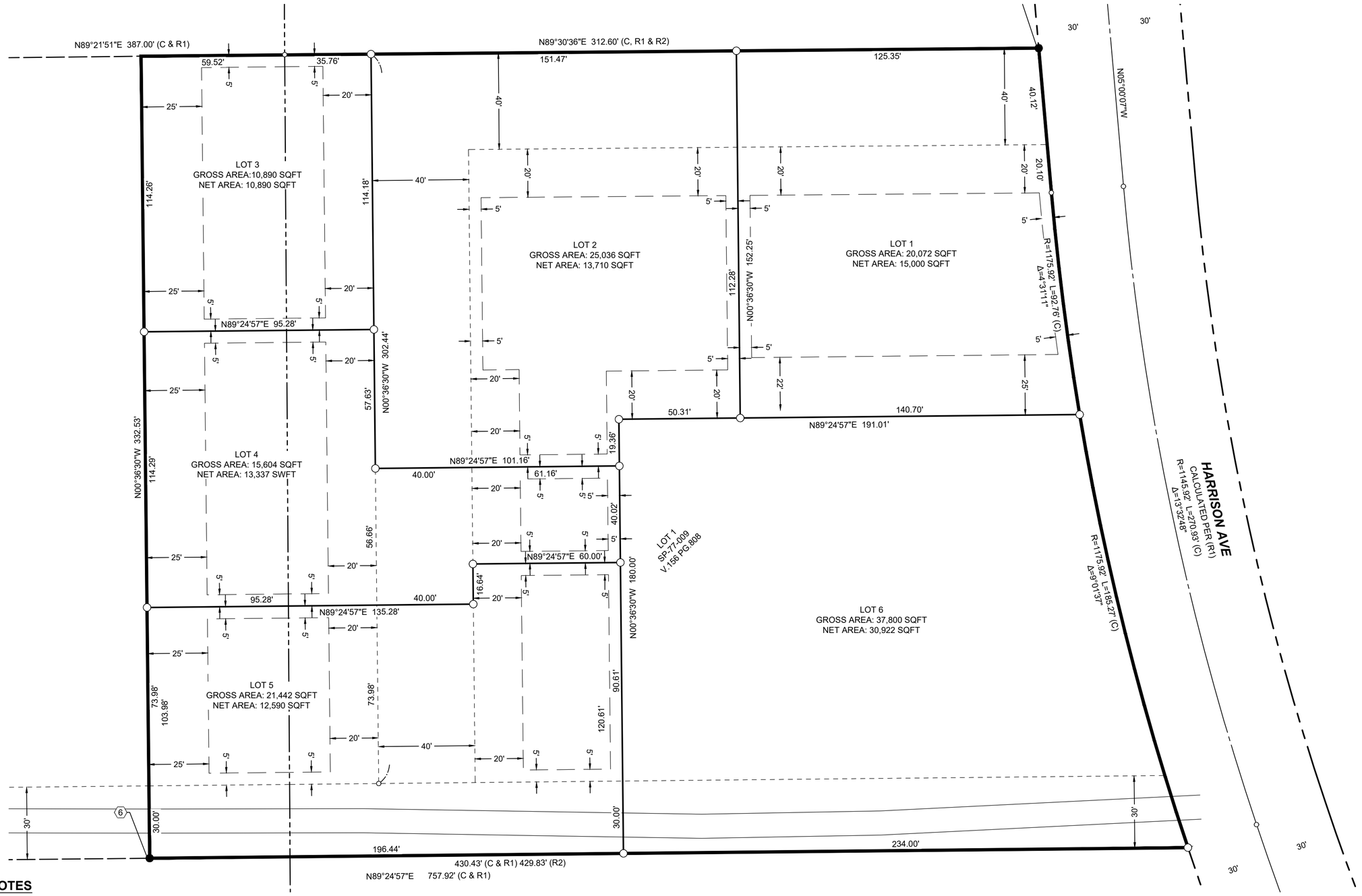
1583 N NATIONAL AVE
CHEHALIS, WA 98532 OFFICE: (360) 748-4000

SHORT PLAT
UGA-SP-24-XXXXX
ASSESSOR'S PARCEL NO.
023747012000
LEWIS COUNTY, WASHINGTON

Drawn By:	Date:	Job No.:
B. RAINS	08/26/2024	5472
Checked By:	Scale:	Sheet:
J. GOODMAN	1" = 100'	1 OF 2

CITY OF CENTRALIA SHORT PLAT UGA-SP-24-XXXX

PORTION OF THE SE 1/4 SW 1/4 SEC 25, T 15 N, R 3 W, W.M.
CITY OF CENTRALIA, LEWIS COUNTY, WASHINGTON



MONUMENT NOTES

1. FOUND AND ACCEPTED 3/4" IRON PIPE W/ CAP AND TACK, ILLEGIBLE AT FENCE CORNER PER (R5)
2. FOUND, ACCEPTED AND HELD 3/4" IRON PIPE AT FENCE CORNER PER (R5)
3. FOUND AND ACCEPTED 1/2" REBAR AND CAP "LS 29269 K. BLUHM" PER (R1)
4. FOUND AND ACCEPTED 1/2" REBAR AND CAP W/ TACK "LS 29269 K. BLUHM" PER (R1) HELD FOR ROTATION
5. FOUND IRON PIPE PER (R1)
6. FOUND 1/2" CAP IN 1" IRON PIPE, N54°05'06"W 1.5' FROM CALCULATED POSITION PER (R2)
7. FOUND 3/4" IRON PIPE W/ CAP, HELD AS POINT ON LINE BEING N68°51'05"W 0.7' FROM CALCULATED POSITION PER (R4)
8. FOUND 1/2" REBAR W/ CAP "LS 29269 K. BLUHM", HELD AS POINT ON LINE BEING N58°38'38"W 0.6' FROM CALCULATED POSITION PER (R1)
9. FOUND AND ACCEPTED 5/8" REBAR W/ CAP "16908 K. FRAZIER" PER (R3)

N

30 15 0 30 60
SCALE IN FEET

JOHN W. GOODMAN
STATE OF WASHINGTON
54051
REGISTERED
PROFESSIONAL LAND SURVEYOR

PRELIMINARY

FORESIGHT SURVEYING, INC.
PROFESSIONAL LAND SURVEYORS

1583 N NATIONAL AVE
CHEHALIS, WA 98532 OFFICE: (360) 748-4000

SHORT PLAT

UGA-SP-24-XXXXX

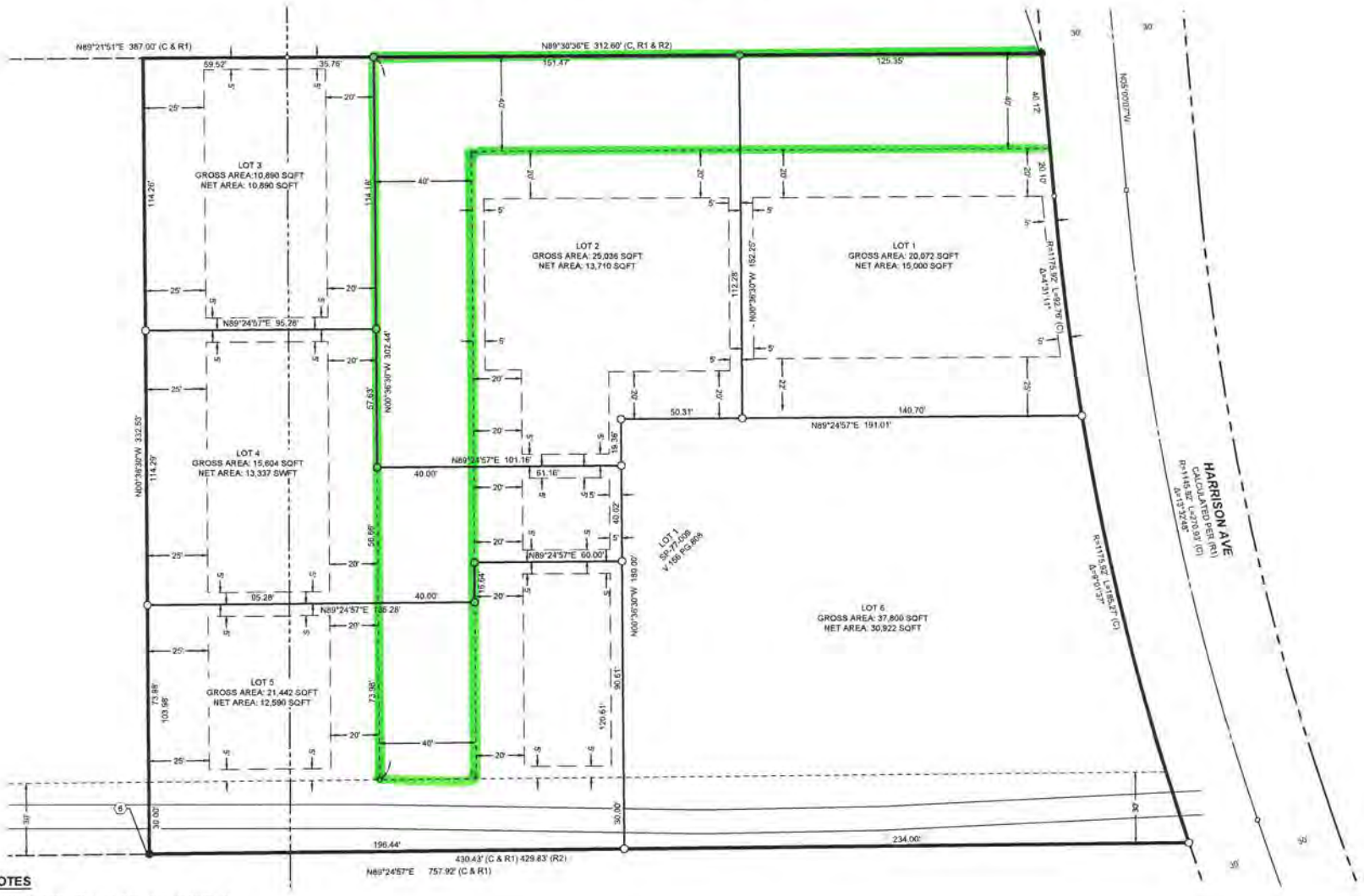
ASSESSOR'S PARCEL NO.
023747012000

LEWIS COUNTY, WASHINGTON

Drawn By:	Date:	Job No.:
B. RAINS	08/26/2024	5472
Checked By:	Scale:	Sheet:
J. GOODMAN	1" = 30'	2 OF 2

CITY OF CENTRALIA SHORT PLAT UGA-SP-24-XXXX

PORTION OF THE SE 1/4 SW 1/4 SEC 25, T 15 N, R 3 W, W.M.
CITY OF CENTRALIA, LEWIS COUNTY, WASHINGTON



MONUMENT NOTES

1. FOUND AND ACCEPTED 3/4" IRON PIPE W/ CAP AND TACK, ILLEGIBLE AT FENCE CORNER PER (R5)
2. FOUND, ACCEPTED AND HELD 3/4" IRON PIPE AT FENCE CORNER PER (R5)
3. FOUND AND ACCEPTED 1/2" REBAR AND CAP "LS 29269 K. BLUHM" PER (R1)
4. FOUND AND ACCEPTED 1/2" REBAR AND CAP W/ TACK "LS 29269 K. BLUHM" PER (R1) HELD FOR ROTATION
5. FOUND IRON PIPE PER (R1)
6. FOUND 1/2" CAP IN 1" IRON PIPE, N54°05'06"W 1.5' FROM CALCULATED POSITION. PER (R2)
7. FOUND 3/4" IRON PIPE W/ CAP, HELD AS POINT ON LINE BEING N68°51'05"W 0.7' FROM CALCULATED POSITION PER (R4)
8. FOUND 1/2" REBAR W/ CAP "LS 29269 K. BLUHM", HELD AS POINT ON LINE BEING N58°38'36"W 0.6' FROM CALCULATED POSITION PER (R1)
9. FOUND AND ACCEPTED 5/8" REBAR W/ CAP "16908 K. FRAZIER" PER (R3)

N

30 15 0 30 60
SCALE IN FEET

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