Joint Permit Application

This is a joint application, and must be sent to all agencies (Corps, DSL, and DEQ). Alternative forms of permit applications may be acceptable; contact the Corps and DSL for more information.

Date Stamp

U.S. Army Corps of Engineers Portland District	Oregon Department of State Lands	Oregon Department of Environmental Quality
Action ID Number	Number	

(1) TYPE OF PERMIT(S) IF KNOWN (check all that apply)

Corps: ☐ Individual ■ Nationwide No.: 29 ☐ Regional General Permit ____ ☐ Other (specify):

DSL: ☐ Individual ☐ GP Trans ■ GP Min Wet ☐ GP Maint Dredge ☐ GP Ocean Energy ☐ No Permit ☐ Waiver

(2) APPLICANT AND LANDOWNER CONTACT INFORMATION

	Applicant	Property Owner (if different)	Authorized Agent (if applicable) ■ Consultant ☐ Contractor
Name (Required)	Beau Wilson		Eric Henning
Business Name			Zion Natural Resources Consulting
			PO Box 545
Mailing Address	4563 Swegle Road NE		
City, State, Zip	Salem, OR 97301		Monmouth OR 97361
Business Phone	707-758-5129		503-838-0103
Cell Phone			503-881-4171
Fax			503-623-7425
Email	bmwlsn99@gmail.com		eric@zionconsulting.org

(3) PROJECT INFORMATION

A. Provide the project location.

Project Name	Latitude & Longitude*
Swegle Road NE	44.9496 / -122.9731

Project Address / Location	City (nearest)	County
4563 Swegle Road NE	Salem	Marion

Township	Range	Section	Quarter / Quarter	Tax Lot
7S	**2W**	**19**	**AD**	**3700 (portion of)**

Brief Directions to the Site:
From I-5 take exit 256 toward OR-213 N. Turn left onto Market St NE. Turn left onto Lancaster Dr NE (OR-213) toward Silverton/Mt Angel. Turn right onto Sunnyview Rd NE. Turn right onto 45th Ave NE. Turn left onto Swegle Rd NE.

B. What types of waterbodies or wetlands are present in your project area? (Check all that apply.)

☐ River / Stream ■ Non-Tidal Wetland ☐ Lake / Reservoir / Pond

☐ Estuary or Tidal Wetland ☐ Other ☐ Pacific Ocean

Waterbody or Wetland Name**	River Mile	6th Field HUC Name	6th Field HUC (12 digits)
Wetland A / West Fork Little Pudding River		~~Upper Little Pudding~~ River	170900090108

* In decimal format (e.g., 44.9399, -123.0283)

** If there is no official name for the wetland or waterbody, create a unique name (such as "Wetland 1" or "Tributary A").

C. Indicate the project category. (Check all that apply.)

☐ Commercial Development	☐ Industrial Development	■ Residential Development
☐ Institutional Development	☐ Agricultural	☐ Recreational
☐ Transportation	☐ Restoration	☐ Bridge
☐ Dredging	☐ Utility lines	☐ Survey or Sampling
☐ In- or Over-Water Structure	☐ Maintenance	☐ Other:

(4) PROJECT DESCRIPTION

A. Summarize the overall project including work in areas both in and outside of waters or wetlands.

The design of this proposed project requires removal and fill material within the designated project area to construct a 20'x24' storage building, concrete patio, and water quality treatment area. This plan permanently impacts 0.05 acres of wetlands and avoids 0.05 acres of wetlands. The Preferred Site Plan will have an approximate fill volume of 95 cubic yards and a removal volume of 2.2 cubic yards of material (rock, gravel, and topsoil) to complete the entire development.

B. Describe work within waters and wetlands.

Work within wetlands will result in 0.05 acres of wetland while avoiding the 0.05 acre remaining portion of wetland A which continues to the north connecting with the West Fork of the Little Pudding River. This plan proposes to avoid the West Fork of the Little Pudding River within the proposed project area. Designated wetland impact areas will have an approximate fill volume of 86 cubic yards and a removal volume of 1.5 cubic yards of material (rock, gravel, and topsoil). These impacts account for all grading activities required for construction.

C. Construction Methods. Describe how the removal and/or fill activities will be accomplished to minimize impacts to waters and wetlands.

Fill material will be transferred onsite from the surrounding uplands by means of trucks during the dry season to limit potential impacts to the remaining resources. Access to the site for construction activities will be from Swegle Road NE to the south.

Throughout construction, best management practices (BMP) will be used to minimize erosion and siltation associated with site runoff. Practicable erosion control measures may include but are not limited to silt fencing, bio bags, sediment collection basins, and gravel entryways installed prior to the commencement of construction. All BMPs will be properly maintained throughout the duration of the project to keep sediments from entering any wetlands and other waterways in the project vicinity. Following completion of construction, all disturbed areas will be stabilized and re-vegetated with an approved groundcover material. An erosion control plan and stormwater management plan have been prepared as part of the proposed development.

(4) PROJECT DESCRIPTION (continued)

D. Describe source of fill material and disposal locations if known.

Fill material will be utilized onsite from the subject property as part of the site grading. Crushed rock will be imported from a local source to complete the development requirements.

E. Construction timeline.

What is the estimated project start date? January 2023

What is the estimated project completion date? January 2024

Is any of the work underway or already complete? If yes, please describe. ☐ Yes ■ No

F. Removal Volumes and Dimensions (if more than 7 impact sites, include a summary table as an attachment)

Wetland / Waterbody Name *	Removal Dimensions					Time Removal is to remain**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq.ft. or ac.)	Volume (c.y.)		
Wetland A				1,713 SF	1.5	Permanent	Topsoil

G. Total Removal Volumes and Dimensions

Total Removal to Wetlands and Other Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Removal to Wetlands		1,713 SF	1.5
Total Removal Below Ordinary High Water			
Total Removal Below Highest Measured Tide			
Total Removal Below High Tide Line			
Total Removal Below Mean High Water Tidal Elevation			

H. Fill Volumes and Dimensions (if more than 7 impact sites, include a summary table as an attachment)

Wetland / Waterbody Name*	Fill Dimensions					Time Fill is to remain**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq. ft. or ac.)	Volume (c.y.)		
Wetland A				1,713 SF	86	Permanent	Topsoil, rock, concrete

(4) PROJECT DESCRIPTION (CONTINUED)

I. Total Fill Volumes and Dimensions

Total Fill to Wetlands and Other Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Fill to Wetlands		1,713 SF	86
Total Fill Below Ordinary High Water			
Total Fill Below Highest Measured Tide			
Total Fill Below High Tide Line			
Total Fill Below Mean High Water Tidal Elevation			

*If there is no official name for the wetland or waterbody, create a unique name (such as "Wetland 1" or "Tributary A").
**Indicate whether the proposed area of removal or fill is permanent or, if you are proposing temporary impacts, specify the days, months or years the fill or removal is to remain.
*** Example: soil, gravel, wood, concrete, pilings, rock etc.

(5) PROJECT PURPOSE AND NEED

Provide a statement of the purpose and need for the overall project.

The purpose of this project is to add a secure storage shed, concrete patio, and required water treatment area to a residential lot with an existing single-family home. The proposed removal and fill would allow the placement of the shed and patio onto the side yard located in wetlands. The storage shed would produce the needed secure storage for the residential home, allowing the applicant to utilize their existing garage to protect their vehicles from increased vandalism and homelessness in this part of Salem. The City of Salem Police Department currently has three separate incident reports on file.

(6) DESCRIPTION OF RESOURCES IN PROJECT AREA

A. Describe the existing physical, chemical, and biological characteristics of each wetland or waterbody. Reference the wetland and waters delineation report if one is available. Include the list of items provided in the instructions.

The following wetland area information has been obtained from the Wetland Delineation Report that is currently being reviewed by DSL.

Wetland A (0.10 ac)
This palustrine emergent wetland area is located in the center of the study area within a residential side yard. These wetlands are of the slope/flat HGM classification. The wetland is approximately one foot below the existing grade of the adjacent roads and sidewalks. Side slopes to the west, south, and east are quite distinct with roughly 1:1 slopes. The wetlands are mowed during the growing season. Vegetation consists of mowed turf grasses and spots of *Juncus patens*. Hydrology appears to come from precipitation, groundwater, and occasional overbank flooding. This wetland is hydrologically connected to the West Fork of the Little Pudding River to the north but is not within a 100-year floodplain.

West Fork Little Pudding River (OHWM, 112 linear feet)
The ordinary high-water mark of the West Fork of the Little Pudding River was determined based on a distinct break in topography (channelized), minor scouring, and a change in sediment and vegetation. This channel originates from a stormwater culvert at the western property line and flows in a easterly direction through the study area. The hydrology appears to come from precipitation, groundwater hydrology, and channel flow during the wet season.

The following evaluates the functions and values of the proposed 0.05-acre wetland impacts, based on best professional judgement, which must be addressed under OAR 141-085-0685.

Hydrologic Function
Wetland A is tied hydrologically with the West Fork of the Little Pudding River that continues offsite to the east. These wetlands have a low capacity to support water storage and delay functions. The topography consists of a very gentle slope from the south to the north. The upland areas to the west, south and east are higher in topography and have been developed with residential streets and residential homes to the north and east. Hydrology inputs are restricted to precipitation and over bank flooding of the river. As a result the value of the wetlands is low related to hydrological functions.

Water Quality Support
The wetlands have a low capacity to support sediment retention and stabilization, phosphorus retention, and nitrate removal and retention. The wetlands are located within a side yard to a residence that is mowed on a regular basis. Surrounding properties to the south, west, and east consist of residential developments and improved residential streets with impervious surfaces and stormwater facilities. These wetlands are isolated from these impervious surfaces. Undeveloped areas to the north consist of residential yards. There are no groundwater drinking wells nearby and the area is not a DEQ designated groundwater risk area. The value of the wetlands are determined to be low related to water quality functions.

Fish Habitat
The wetlands currently do not have the capacity to support resident fish however the wetlands have a

seasonal surface water connections to a fish bearing stream. As a result the wetlands provide a limited function and value for fish habitat.

Aquatic Support
The wetlands have very limited capabilities to provide amphibian and reptile habitat, waterbird nesting habitat, and waterbird feeding habitat because ponding does not occur and no aquatic vegetation is present. The area is managed as a yard and does not contain woody debris. The function and value for aquatic support is low.

Ecosystem Support
The wetlands have a low capacity to provide invertebrate habitat; songbird, raptor, and mammal habitat; water cooling; native plant diversity; pollinator habitat; and organic nutrient export due to its dominance of managed turf grasses. The number and distribution of vegetative forms is low within the wetland and adjacent uplands. The wetlands do not support a rare plant species and the wetland is not a rare wetland type. Therefore, the function and value of the wetlands for ecosystem support is low.

Archeologic and Historic Resources
An archeological study has not been conducted for the project area.

B. Describe the existing navigation, fishing and recreational use of the waterbody or wetland.

There are no existing navigation, fishing, and/or recreational use of the wetlands.

(7) PROJECT SPECIFIC CRITERIA AND ALTERNATIVES ANALYSIS

Describe project-specific criteria necessary to achieve the project purpose. Describe alternative sites and project designs that were considered to avoid or minimize impacts to the waterbody or wetland.*

Project specific criteria necessary to achieve the project purpose includes the following:

- Availability – An available site is one that could be reasonably obtained, utilized, expanded, or managed to meet the project purpose.
- Meet City of Salem Building Codes
- Geographic Area – Provide additional secure residential storage within the applicant's residential tax lot.

Offsite Alternatives
No other sites were considered, as the applicant already owns and lives on the tax lot within the project area.

Onsite Alternatives
Preferred Site Plan (Sheets 3 and 4):
This alternative impacts only 0.05 acres of wetlands and avoids 0.05 acres of wetlands and the West Fork of the Little Pudding River. The existing residential lot is encumbered by a 30' drainage and access easement associated with the river along the northern boundary (backyard of home). This has reduced the available upland area within the 0.34-acre residential lot. The position of the storage shed and patio within the tax lot is determined by the property line setbacks and City of Salem building codes. Fill material and wetland impacts required for the placement of a stacked concrete block wall, storage shed, patio, and water quality treatment area has been reduced only to the size needed by the applicant.

The preferred site design is considered to be the most practicable alternative based on

- Avoidance of 0.05 acres of wetlands and the West Fork of the Little Pudding River
- Provides secure storage adjacent to the applicant's residence in an area of Salem with documented incident reports.

Reduced Impact Alternative:

In this scenario the shed would be placed directly west and adjacent to the existing residential home. A reduced impact alternative would result in a reduction of the disturbance area based on the consolidation of the impacts directly west of the residence. However, according to the City of Salem the placement of the shed directly west of the house would not be allowed. Therefore, the applicant is proposing to place the storage shed approximately 60 feet from the existing home to meet the City of Salem building codes.

No Wetland Impact Alternative:
This plan would avoid the entire 0.10 acres of wetlands. Based on the drainage easement and the extent of the wetlands onsite the proposed improvements would not be possible. This alternative would therefore not meet the project criteria.

Measures to avoid and minimize effects of changes:
Based on the preferred site plan the applicant is proposing to avoid 0.05 acres of wetlands and the West Fork of the Little Pudding River. The proposed site plan also provides water quality treatment for the additional impervious surfaces.

(8) ADDITIONAL INFORMATION

Are there state or federally listed species on the project site?	Yes	■ No	Unknown
Is the project site within designated or proposed critical habitat?	Yes	■ No	Unknown
Is the project site within a national Wild and Scenic River ?	Yes	■ No	Unknown
Is the project site within a State Scenic Waterway?	Yes	■ No	Unknown
Is the project site within the 100-year floodplain?	Yes	■ No	Unknown

If yes to any above, explain in Block 6 and describe measures to minimize adverse effects to those resources in Block 7.

Is the project site within the Territorial Sea Plan (TSP) Area?	Yes	■ No	Unknown

If yes, attach TSP review as a separate document for DSL.

Is the project site within a designated Marine Reserve?	Yes	■ No	Unknown

If yes, certain additional DSL restrictions will apply.

Will the overall project involve ground disturbance of one acre or more?	Yes	■ No	Unknown

If yes, you may need a 1200-C permit from the Oregon Department of Environmental Quality (DEQ).

Is the fill or dredged material a carrier of contaminants from on-site or off-site spills?	Yes	■ No	Unknown
Has the fill or dredged material been physically and/or chemically tested?	Yes	■ No	Unknown

If yes, explain in Block 6 and provide references to any physical/chemical testing report(s).

Has a cultural resource (archaeological and/or built environment) survey been performed on the project area?	Yes	■ No	Unknown
Do you have any additional archaeological or built environment documentation, or correspondence from tribes or the State Historic Preservation Office?	Yes	■ No	Unknown

If yes, provide a copy of the survey and/or documentation of correspondence with this application to the Corps only. Do not describe any resources in this document. Do not provide the survey or documentation to DSL.

* Not required by the Corps for a complete application, but is necessary for individual permits before a permit decision can be rendered.

Is the project part of a DEQ Cleanup Site? No■ Yes☐ Permit number _____
DEQ contact._

Will the project result in new impervious surfaces or the redevelopment of existing surfaces? Yes ■ No ☐

If yes, the applicant must submit a post-construction stormwater management plan as part of this application to DEQ's 401 WQC program for review and approval, see https://www.oregon.gov/deq/FilterDocs/401wqcertPostCon.pdf

Identify any other federal agency that is funding, authorizing or implementing the project.

Agency Name	Contact Name	Phone Number	Most Recent Date of Contact

List other certificates or approvals/denials required or received from other federal, state or local agencies for work described in this application.

Agency	Certificate / approval / denial description	Date Applied

Other DSL and/or Corps Actions Associated with this Site (Check all that apply.)

☐ Work proposed on or over lands owned by or leased from the Corps (may require authorization pursuant to 33 USC 408). These could include the federal navigation channel, structures, levees, real estate, dikes, dams, and other Corps projects.

☐ State owned waterway DSL Waterway Lease #:

☐ Other Corps or DSL Permits Corps # DSL #

☐ Violation for Unauthorized Activity Corps # DSL #

■ Wetland and Waters Delineation Corps # DSL # **WD2023-0338**

Submit the entire delineation report to the Corps; submit only the concurrence letter (if complete) and approved maps to DSL. If not previously submitted to DSL, send under a separate cover letter

(9) IMPACTS, RESTORATION/REHABILITATION, AND COMPENSATORY MITIGATION

A. Describe unavoidable environmental impacts that are likely to result from the proposed project. Include permanent, temporary, direct, and indirect impacts.

The resulting development would permanently impact 0.05 acres of palustrine emergent wetlands.

B. For temporary removal or fill or disturbance of vegetation in waterbodies, wetlands or riparian (i.e., streamside) areas, discuss how the site will be restored after construction to include the timeline for restoration.

No temporary impacts proposed.

Compensatory Mitigation

C. Proposed mitigation approach. Check all that apply:

Permittee responsible	Permittee responsible	Mitigation Bank or	Payment In-Lieu
☐ Onsite Mitigation	☐ Offsite Mitigation	X In-Lieu Fee Program	☐ (Not approved for use with Corps permits)

D. Provide a brief description of proposed mitigation approach and the rationale for choosing that approach. If you believe mitigation should not be required, explain why.

The onsite wetlands are seasonal and are currently undeveloped. Onsite mitigation was reviewed as part of the development plan; however, the avoided wetlands would not be a good candidate for enhancement due to the area available for mitigation.

By compensating for the impacts through a wetland mitigation bank the following principle objectives listed in 141-085-0680 (2) will be met based on the results of the functional assessment which indicates that the current wetlands onsite proposed for impact are low functioning and also low value largely due to surrounding developments. We therefore believe that purchase of wetland credits from a local bank will provide the lift necessary to meet the mitigation requirements.

- The bank will provide functions and values lost at the site which it has successfully provided within this watershed.
- The bank will provide local replacement for locally important functions and values within the same watershed.
- Purchase of mitigation bank credits supports the creation of wetlands that have been designed to be self-sustaining and require minimal long-term maintenance.
- The bank will ensure greater ecological suitability than onsite mitigation and would not provide connectivity to other similar habitats as what is present at the bank.
- The bank already contains mitigated wetlands and therefore the temporal loss would be considerably minimized vs. developing onsite or other offsite mitigation areas.

Mitigation Bank / In-Lieu Fee Information:

Name of mitigation bank or in-lieu fee project: *Garret Creek Wetland Mitigation Bank*

Type and amount of credits to be purchased: *Palustrine Emergent (PEM) 0.05*

If you are proposing permittee-responsible mitigation, have you prepared a compensatory mitigation plan?

☐ Yes. Submit the plan with this application and complete the remainder of this section.

☐ No. A mitigation plan will need to be submitted (for DSL, this plan is required for a complete application).

Mitigation Location Information (Fill out only if permittee-responsible mitigation is proposed)

Mitigation Site Name/Legal Description	Mitigation Site Address	Tax Lot #
County	City	Latitude & Longitude (in DD.DDDD format)

Township	Range	Section	Quarter/Quarter

(10) ADJACENT PROPERTY OWNERS FOR PROJECT AND MITIGATION SITE		
☐ Pre-printed mailing labels of adjacent property owners attached separately (if more than 30).		
LIEBERTZ, WILLIAM J IV 1776 AGUILAS CT NE SALEM, OR, 97301	JOHNSON, JEFFREY L & CHONG S 1625 GEM PL NE SALEM, OR, 97305	
CORIA, MANUEL & ESTELA 1645 45TH AVE NE SALEM, OR, 97301	WILLIAMS, RAYMOND KENNETH & JUDY ANN 1655 GEM PL NE SALEM, OR, 97305	
WATSON, DAVID J 4503 BADGER CORNER PL NE SALEM, OR, 97301	QUIRING ST QUIRING, BEVERLY 1690 45TH AVE NE SALEM, OR, 97305	
CABALLERO, ANGELICA S & CESAR S 4523 BADGER CORNER PL NE SALEM, OR, 97301	QUIRING FAM TR QUIRING, BEVERLY 1670 45TH AVE NE SALEM, OR, 97305	

(11) CITY/COUNTY PLANNING DEPARTMENT LAND USE AFFIDAVIT (TO BE COMPLETED BY LOCAL PLANNING OFFICIAL)

I have reviewed the project described in this application and have determined that:

- ☐ This project is not regulated by the comprehensive plan and land use regulations
- ☐ This project is consistent with the comprehensive plan and land use regulations
- ☐ This project is consistent with the comprehensive plan and land use regulations with the following:
  - ☐ Conditional Use Approval
  - ☐ Development Permit
  - ☐ Other Permit (explain in comment section below)
- ☐ This project is not currently consistent with the comprehensive plan and land use regulations. To be consistent requires:
  - ☐ Plan Amendment
  - ☐ Zone Change
  - ☐ Other Approval or Review (explain in comment section below)

An application or variance request has ☐ has not ☐ been filed for the approvals required above.

Local planning official name (print)	Title	City / County

Signature	Date

Comments:

(12) COASTAL ZONE CERTIFICATION

If the proposed activity described in your permit application is within the Oregon Coastal Zone, the following certification is required before your application can be processed. The signed statement will be forwarded to the Oregon Department of Land Conservation and Development (DLCD) for its concurrence or objection. For additional information on the Oregon Coastal Zone Management Program and consistency reviews of federally permitted projects, contact DLCD at 635 Capitol Street NE, Suite 150, Salem, Oregon 97301 or call 503-373-0050 or click here.

CERTIFICATION STATEMENT

I certify that, to the best of my knowledge and belief, the proposed activity described in this application complies with the approved Oregon Coastal Zone Management Program and will be completed in a manner consistent with the program.

Print /Type Applicant Name	Title

Applicant Signature	Date

(13) SIGNATURES

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and, to the best of my knowledge and belief, this information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities. By signing this application I consent to allow Corps or DSL staff to enter into the above-described property to inspect the project location and to determine compliance with an authorization, if granted. I hereby authorize the person identified in the authorized agent block below to act in my behalf as my agent in the processing of this application and to furnish supplemental information in support of this permit application. I understand that the granting of other permits by local, county, state or federal agencies does not release me from the requirement of obtaining the permits requested before commencing the project. I understand that payment of the required state processing fee does not guarantee permit issuance.

To be considered complete, the fee must accompany the application to DSL. The fee is not required for submittal of an application to the Corps.

Fee Amount Enclosed	$386.00

Applicant Signature (required) must match the name in Block 2	
Print Name Beau Wilson	Title Property Owner
Signature	Date
Authorized Agent Signature	
Print Name Eric Henning	Title ZNR, Managing Member
Signature	Date

Landowner Signature(s)*	
Landowner of the Project Site (if different from applicant)	
Print Name	Title
Signature	Date
Landowner of the Mitigation Site (if different from applicant)	
Print Name	Title
Signature	Date
Department of State Lands, Property Manager (to be completed by DSL)	
If the project is located on state-owned submerged and submersible lands, DSL staff will obtain a signature from the Land Management Division of DSL. A signature by DSL for activities proposed on state-owned submerged/submersible lands only grants the applicant consent to apply for a removal-fill permit. A signature for activities on state-owned submerged and submersible lands grants no other authority, express or implied and a separate proprietary authorization may be required.	
Print Name	Title
Signature	Date

* Not required by the Corps.

(14) ATTACHMENTS

- ■ Drawings
  - ■ Location map with roads identified
  - ■ U.S.G.S topographic map
  - ■ Tax lot map
  - ■ Site plan(s)
  - ■ Plan view and cross section drawing(s)
  - ■ Recent aerial photo
  - ☐ Project photos
  - ☐ Erosion and Pollution Control Plan(s), if applicable
  - ☐ DSL / Corps Wetland Concurrence letter and map, if approved and applicable
- ☐ Pre-printed labels for adjacent property owners (Required if more than 30)
- ☐ Incumbency Certificate if applicant is a partnership or corporation
- ☐ Restoration plan or rehabilitation plan for temporary impacts
- ☐ Mitigation plan
- ☐ Wetland functional assessments, if applicable
  - ☐ Cover Page
  - ☐ Score Sheets
  - ☐ ORWAP OR, F, T, & S forms
  - ☐ ORWAP Reports
  - ☐ Assessment Maps
  - ☐ ORWAP Reports: Soils, Topo, Assessment area, Contributing area
- ☐ Stream Functional Assessments, if applicable
  - ☐ Cover Page
  - ☐ Score Sheets
  - ☐ SFAM PA, PAA, & EAA forms
  - ☐ SFAM Report
  - ☐ Assessment Maps
    - ☐ Aerial Photo Site Map and Topo Site Map (Both maps should document the PA, PAA, & EAA)
- ☐ Compensatory Mitigation (CM) Eligibility & Accounting Worksheet
  - ☐ Matching Quickguide sheet(s)
  - ☐ CM Eligibility & Accounting sheet
- ☐ Alternatives analysis
- ☐ Biological assessment (if requested by the Corps project manager during pre-application coordination)
- ☐ Stormwater management plan (may be required by the Corps or DEQ)
- ☐ Other
  - ☐ Please describe:

For U.S. Army Corps of Engineers send application to:

USACE Portland District
ATTN: CENWP-ODG-P
PO Box 2946
Portland, OR 97208-2946
Phone: 503-808-4373
portlandpermits@usace.army.mil

Counties:
Baker, Benton, Clackamas, Clatsop, Columbia, Gilliam, Grant, Hood River, Jefferson, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

U.S. Army Corps of Engineers
ATTN: CENWP-ODG-E
211 E. 7th AVE, Suite 105
Eugene, OR 97401-2722
Phone: 541-465-6868
portlandpermits@usace.army.mil

Counties:
Coos, Crook, Curry, Deschutes, Douglas, Jackson, Josephine, Harney, Klamath, Lake, Lane

For Department of State Lands send application to:

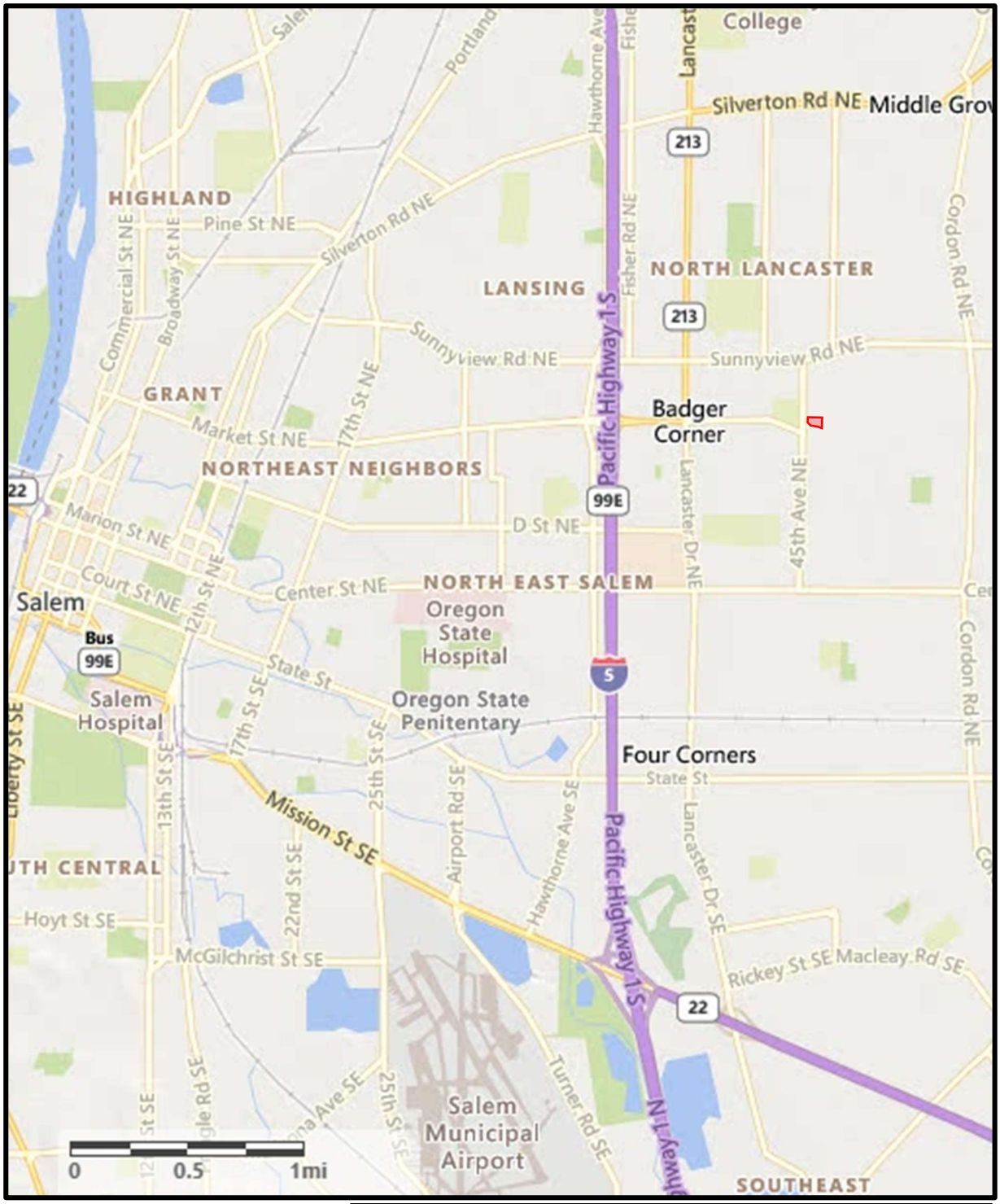
West of the Cascades:
Department of State Lands
775 Summer Street NE, Ste 100
Salem, OR 97301-1279
Phone: 503-986-5200
https://www.oregon.gov/dsl/WW/Documents/uploadinstructions_removalfill.pdf

East of the Cascades:
Department of State Lands
951 SW Simpson Ave, Ste 104
Bend, OR 97702
Phone: 541-388-6112
https://www.oregon.gov/dsl/WW/Documents/uploadinstructions_removalfill.pdf

For Department of Environmental Quality:

Submit all application materials electronically through *Your DEQ Online*.

For questions related to *Your DEQ Online*, please visit the *Your DEQ Online* help page, email YourDEQOnline@deq.state.or.us, or call 503-229-6184



Natural Resources Consulting

FIGURE 1
Vicinity Map

Project: 4563 Swegle Road NE

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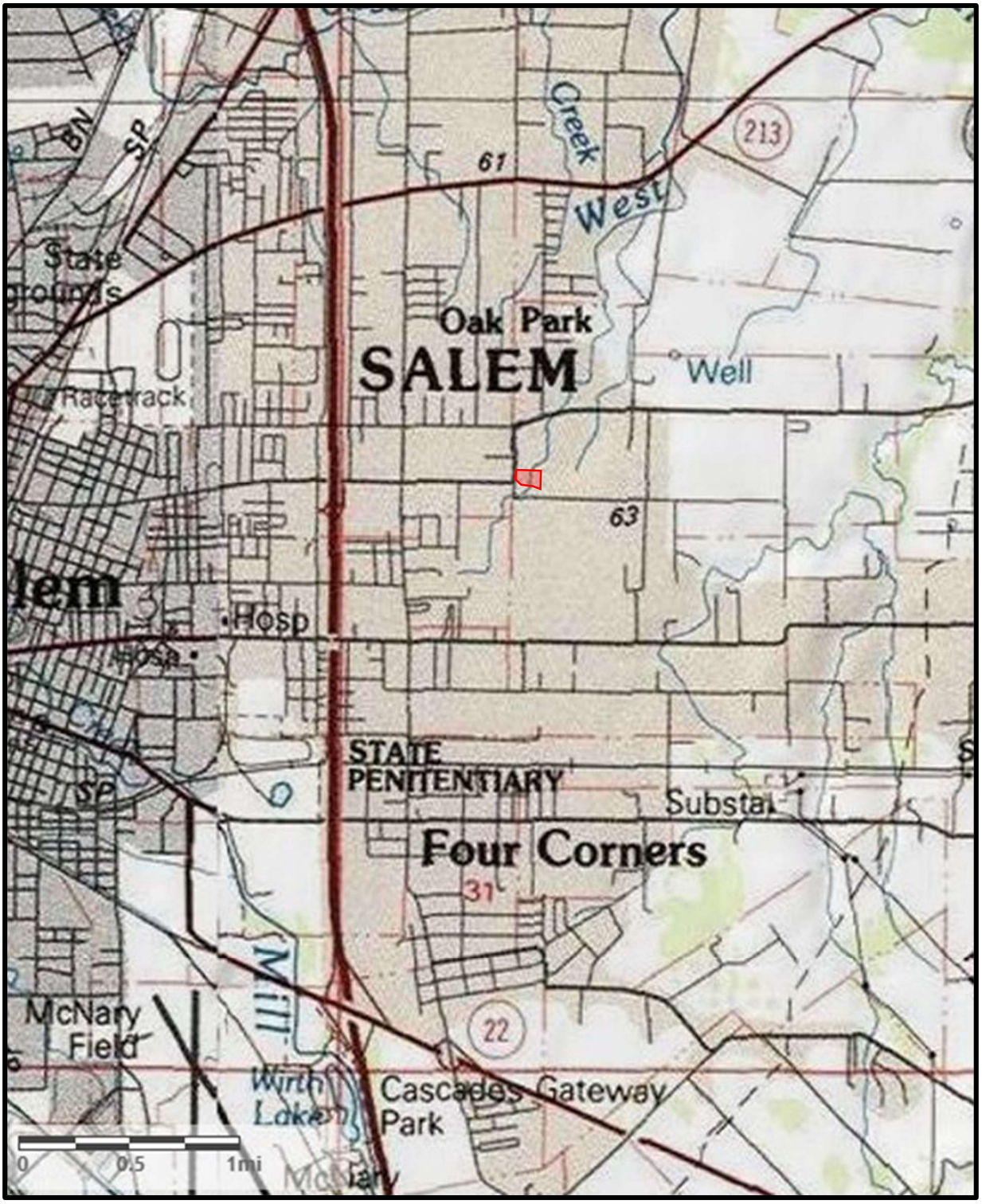
ZION Natural Resources Consulting



ZION Natural Resources Consulting

FIGURE 2
USGS Topography Map

Project: 4563 Swegle Road NE

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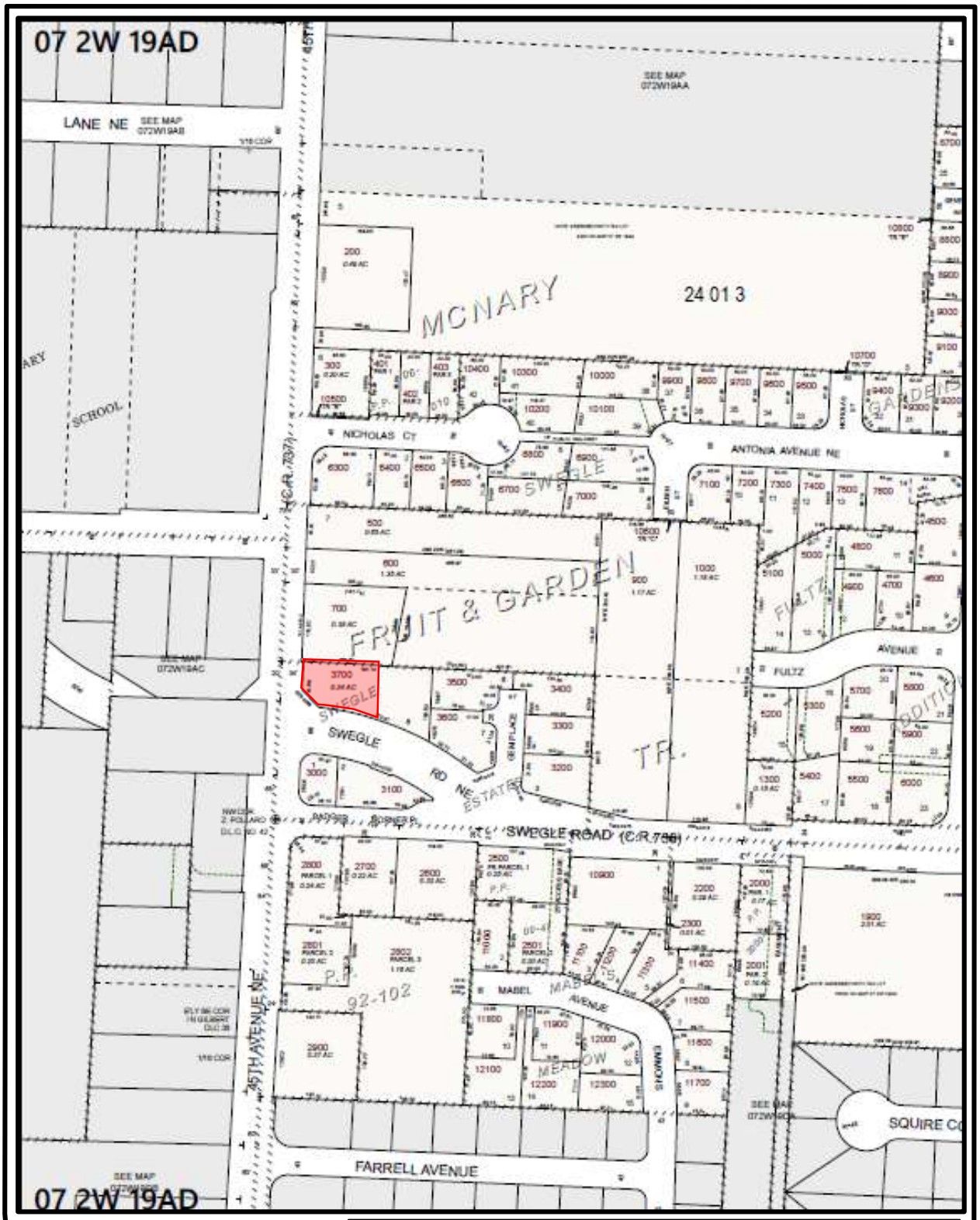
ZION Natural Resources Consulting



ZION Natural Resources Consulting

FIGURE 3
Tax Lot Map

Project: 4563 Swegle Road NE

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ZION Natural Resources Consulting

FIGURE 4
Google Earth Aerial 6/25/2022

Project: 4563 Swegle Road NE

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W E
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ZION Natural Resources Consulting

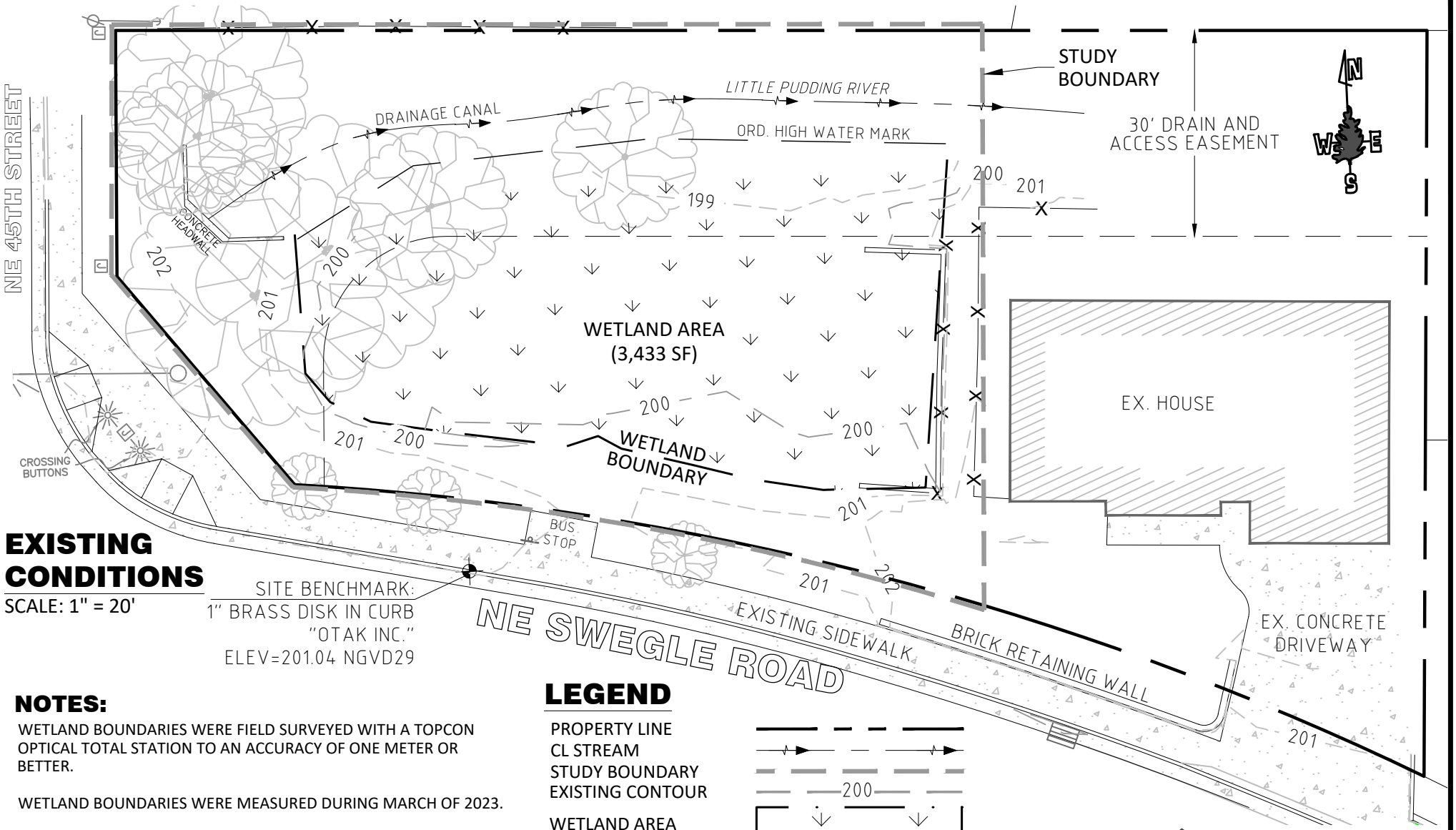
ZION
Natural Resources Consulting

FIGURE 6 - WETLAND MAP

Client: Beau Wilson
Project: 4563 Swegle Road NE
Tax Map: T7S-R2W-Sec. 19AD-Tax Lot 3700 (portion)
July 2023

Legend

- Wetland Area 0.10 ac
- Sample Plot
- Photo Point
- Study Area 0.20 ac
- OHWM
- Tax Lots Marion County



EXISTING CONDITIONS

SCALE: 1" = 20'

SITE BENCHMARK:
1" BRASS DISK IN CURB
"OTAK INC."
ELEV=201.04 NGVD29

NOTES:

WETLAND BOUNDARIES WERE FIELD SURVEYED WITH A TOPCON OPTICAL TOTAL STATION TO AN ACCURACY OF ONE METER OR BETTER.

WETLAND BOUNDARIES WERE MEASURED DURING MARCH OF 2023.

LEGEND

PROPERTY LINE
CL STREAM
STUDY BOUNDARY
EXISTING CONTOUR
WETLAND AREA
ORDINARY HIGH WATER MARK

WETLAND MAP

PROJECT:

4563 SWEGLE ROAD

PREPARED FOR:

BEAU WILSON

SITUATED IN:

SALEM, OREGON

SCALE: AS INDICATED

-GRAPHIC SCALE-

0 10 20 40

SCALE: 1 INCH = **20** FEET

SHEET INDEX

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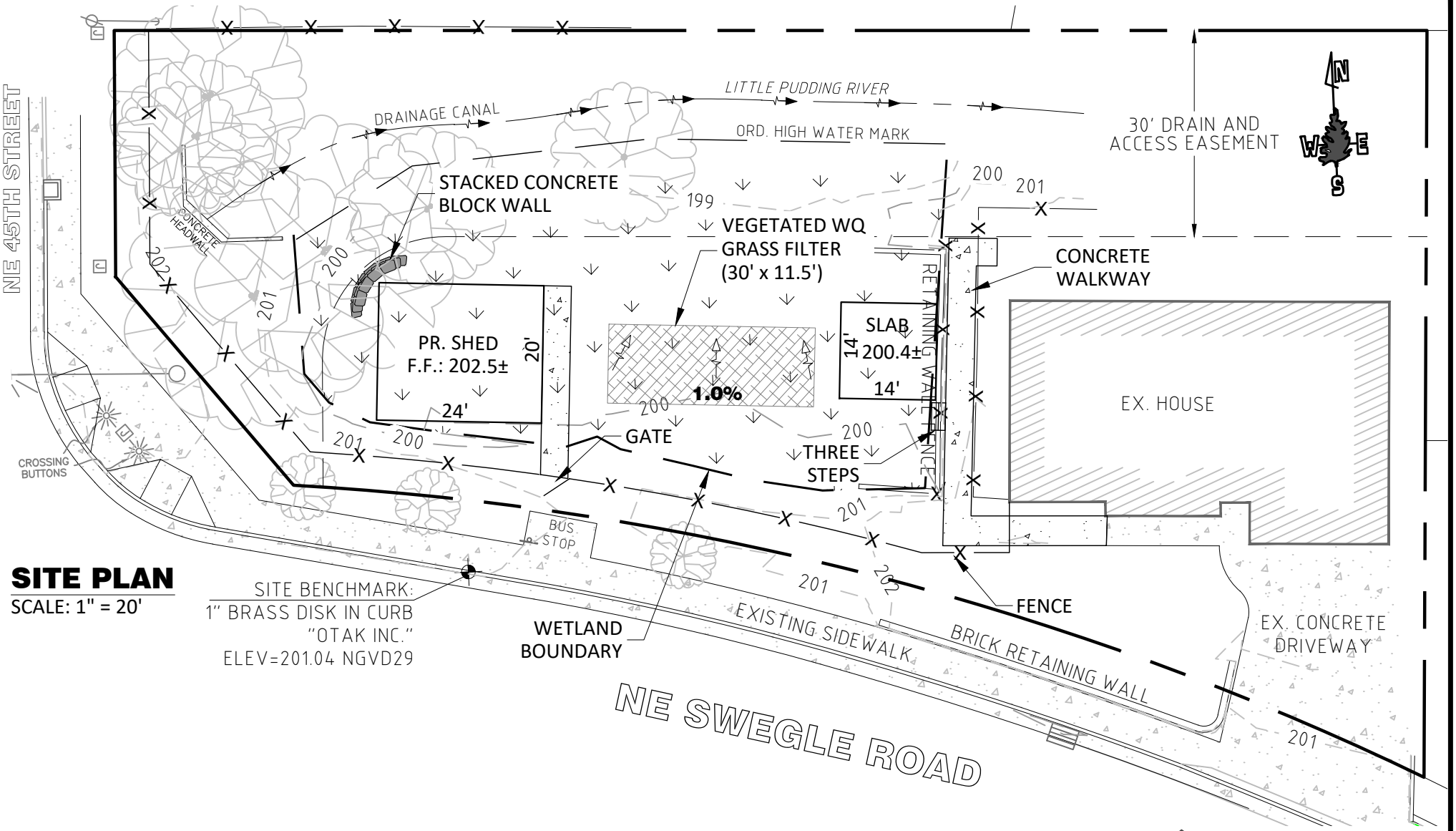
GREEN Cascades, LLC
CIVIL DESIGN & CONSTRUCTION ENGINEERING

SHEET #: 1

DRAWN BY: M.S.R. | PROJECT#: 2301-23 | DATE: 09-27-2023



SITE PLAN

SCALE: 1" = 20'

SITE BENCHMARK:
1" BRASS DISK IN CURB
"OTAK INC."
ELEV=201.04 NGVD29

PROPOSED IMPROVEMENTS

PROJECT:

4563 SWEGLE ROAD

PREPARED FOR:

BEAU WILSON

SITUATED IN:

SALEM, OREGON

SCALE: AS INDICATED

-GRAPHIC SCALE-

0 10 20 40

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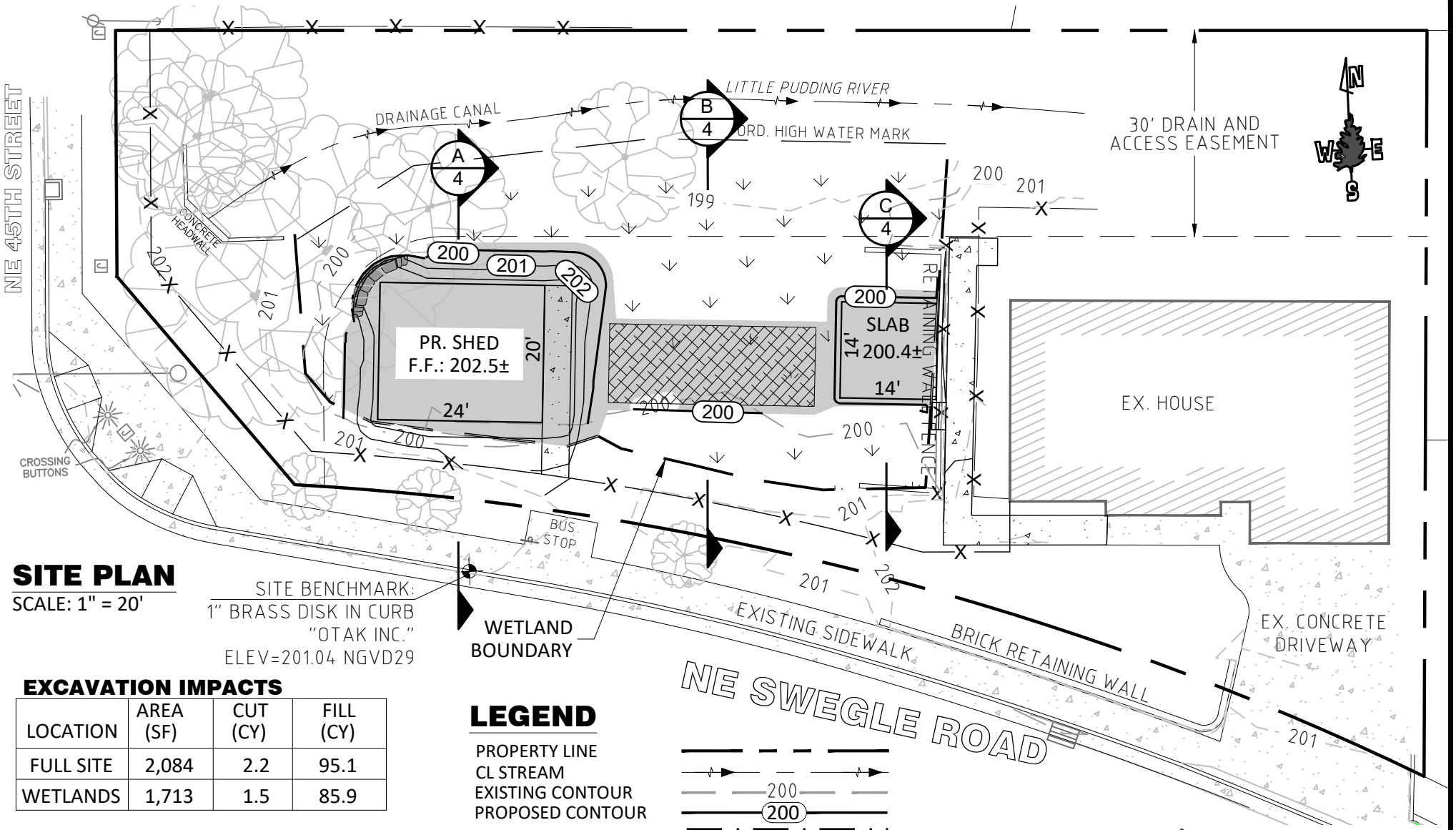
SHEET #: 2



SITE PLAN

SCALE: 1" = 20'

SITE BENCHMARK:
1" BRASS DISK IN CURB
"OTAK INC."
ELEV=201.04 NGVD29

WETLAND BOUNDARY

EXCAVATION IMPACTS

LOCATION	AREA (SF)	CUT (CY)	FILL (CY)
FULL SITE	2,084	2.2	95.1
WETLANDS	1,713	1.5	85.9

LEGEND

- PROPERTY LINE
- CL STREAM
- EXISTING CONTOUR (200)
- PROPOSED CONTOUR (200)
- WETLAND AREA
- ORDINARY HIGH WATER MARK
- WETLAND IMPACTED AREA

WETLAND IMPACTS

PROJECT:

4563 SWEGLE ROAD

PREPARED FOR:

BEAU WILSON

SITUATED IN:

SALEM, OREGON

SCALE: AS INDICATED

-GRAPHIC SCALE-

0 10 20 40

SCALE: 1 INCH = **20** FEET

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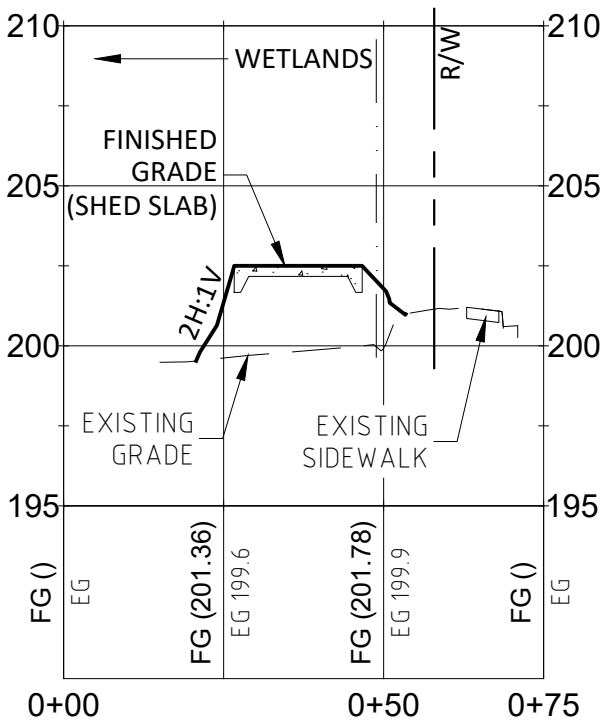
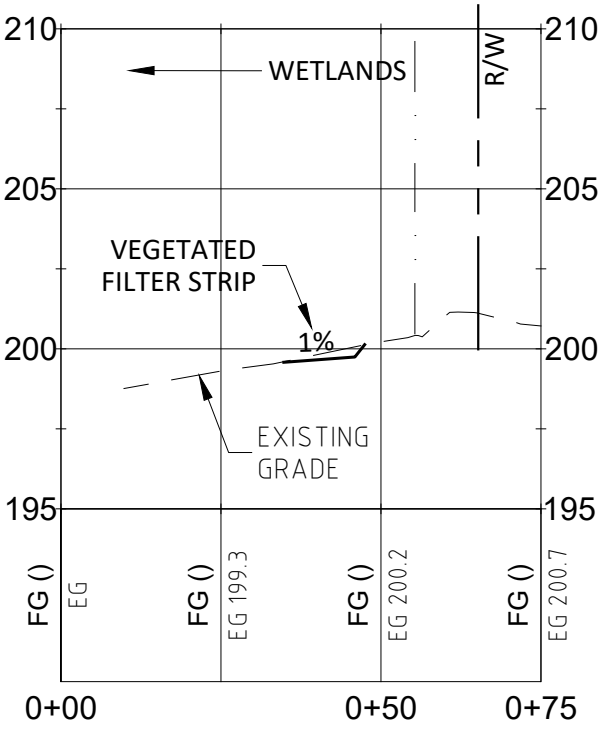
SHEET #: 3



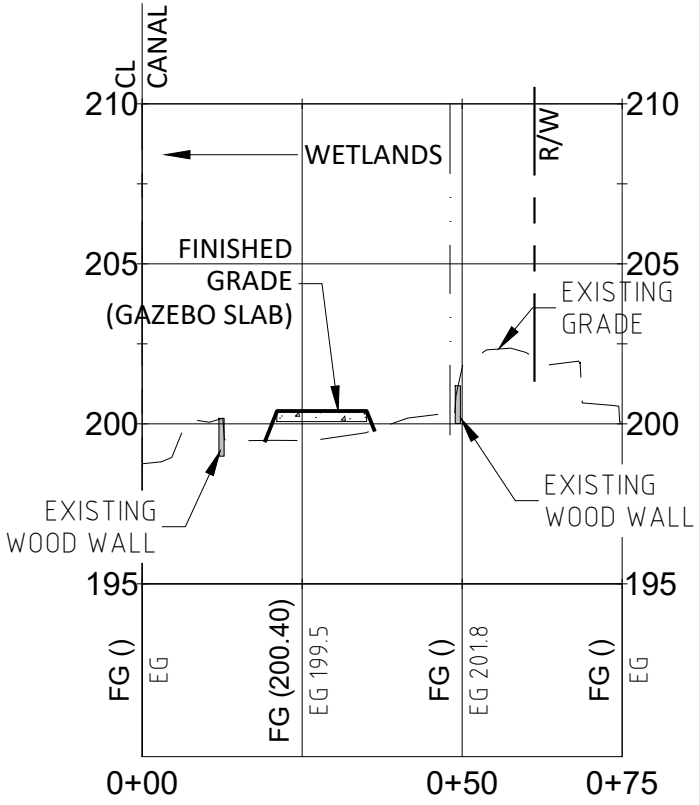
SECTION A STA: 0+00 TO 0+75

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 6'



SECTION B STA: 0+00 TO 0+75

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 6'



SECTION C STA: 0+00 TO 0+75

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 6'

CROSS SECTIONS

PROJECT:

4563 SWEGLE ROAD

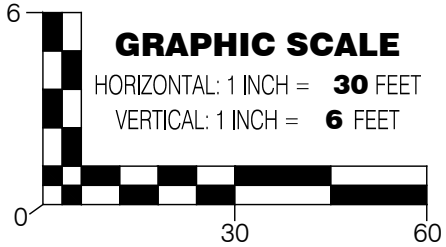
PREPARED FOR:

BEAU WILSON

SITUATED IN:

SALEM, OREGON

SCALE: AS INDICATED



GRAPHIC SCALE

HORIZONTAL: 1 INCH = **30** FEET
VERTICAL: 1 INCH = **6** FEET

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