



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2}

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.



US Army Corps of Engineers
Seattle District

AGENCY USE ONLY

Date received:

10/4/16

Agency reference #: _____

Tax Parcel #(s): _____

Part 1–Project Identification

1. Project Name (A name for your project that you create. Examples: Smith’s Dock or Seabrook Lane Development) [help]
East Sumner Neighborhood Regional Stormwater Facility

Part 2–Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)			
Dahlem, Mike			
2b. Organization (If applicable)			
City of Sumner			
2c. Mailing Address (Street or PO Box)			
1104 Maple Street, Suite 260			
2d. City, State, Zip			
Sumner, WA 98390			
2e. Phone (1)	2f. Phone (2)	2g. Fax	2h. E-mail
(253)299-5700	()	()	miked@ci.sumner.wa.us

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at <http://www.nws.usace.army.mil/Missions/CivilWorks/Regulatory/PermitGuidebook/EndangeredSpecies.aspx>.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

For other help, contact the Governor’s Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@ora.wa.gov.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

3a. Name (Last, First, Middle)			
Widener, Ross			
3b. Organization (If applicable)			
Widener and Associates			
3c. Mailing Address (Street or PO Box)			
10108 32 nd Avenue W			
3d. City, State, Zip			
Everett, WA 98204			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(425)503-3629	(425)348-3059	()	rwidener@prodigy.net

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

4a. Name (Last, First, Middle)			
4b. Organization (If applicable)			
4c. Mailing Address (Street or PO Box)			
4d. City, State, Zip			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
()	()	()	

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input type="checkbox"/> Private <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
16515 64th ST E			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Sumner, WA 98390			
5d. County [help]			
Pierce			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
SE	19	20 North	5 East
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none"> Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83) 			
47.200946 N lat/ -122.208839 W long			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none"> The local county assessor's office can provide this information. 			
0520194012, 0520194071, 0520194091, 0520194092			
5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]			
Name	Mailing Address		Tax Parcel # (if known)
Patrick M Ryan	16416 60 th ST SE		0520194074
	Sumner, WA 98390		
Milestone Homes	PO Box 1376		0520194060
	Sumner, WA 98390		
Sue E and Ronald C Reese	10721 Arundel Avenue		0520194029
	Las Vegas, NV 89135		
Robert and Lucinda King	10702 27 th Street CT E		0520194059
	Edgewood, WA 98372		

5i. List all wetlands on or adjacent to the project location. [help]
Wetlands D, E, and F are located in the project area.
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
Salmon Creek is located on the project site.
5k. Is any part of the project area within a 100-year floodplain? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
Vegetation throughout the site is mostly mowed or untended grasses including areas of reed canarygrass and some Himalayan blackberry patches. A portion of the area has been planted with conifers, most likely by an adjacent resident. A narrow buffer of trees also exists along Salmon Creek.
5m. Describe how the property is currently used. [help]
The property is currently a vacant field, a portion of which was planted with conifers. The area has been used for two residences in the past. The one remaining residence is currently vacant.
5n. Describe how the adjacent properties are currently used. [help]
Surrounding properties are currently private residences and a small number of commercial businesses on the southwest corner.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
There is the foundation and carport from a previous residence on the north end of the project area.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
From SR 410, take the 166 th Avenue E/Sumner Tapps Highway E exit. Turn north on to 166 th Avenue E. Turn left on 64 th Street E, the project area will be on the right. See attached Vicinity map.

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [help]
The project will involve the construction of a new stormwater facility as well as the realignment of approximately 1060 feet of Salmon Creek including a 16-foot wide concrete box culvert at the location of the relocated crossing under 60 th Street East. Wetland creation and enhancement will also occur for mitigation for this project offsite.
6b. Describe the purpose of the project and why you want or need to perform it. [help]
The purpose of this project is to provide stormwater detention for the surrounding properties as well enhancing creek habitat by moving the alignment away from Sumner-Tapps Highway East. This will create additional vegetated buffer and reduce stormwater runoff from the road entering the creek.
6c. Indicate the project category. (Check all that apply) [help]
<input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Institutional <input type="checkbox"/> Transportation <input type="checkbox"/> Recreational <input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Environmental Enhancement

6d. Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

<input type="checkbox"/> Aquaculture	<input checked="" type="checkbox"/> Culvert	<input type="checkbox"/> Float	<input type="checkbox"/> Retaining Wall (upland)
<input type="checkbox"/> Bank Stabilization	<input type="checkbox"/> Dam / Weir	<input type="checkbox"/> Floating Home	<input type="checkbox"/> Road
<input type="checkbox"/> Boat House	<input type="checkbox"/> Dike / Levee / Jetty	<input type="checkbox"/> Geotechnical Survey	<input type="checkbox"/> Scientific Measurement Device
<input type="checkbox"/> Boat Launch	<input type="checkbox"/> Ditch	<input type="checkbox"/> Land Clearing	<input type="checkbox"/> Stairs
<input type="checkbox"/> Boat Lift	<input type="checkbox"/> Dock / Pier	<input type="checkbox"/> Marina / Moorage	<input checked="" type="checkbox"/> Stormwater facility
<input type="checkbox"/> Bridge	<input type="checkbox"/> Dredging	<input type="checkbox"/> Mining	<input type="checkbox"/> Swimming Pool
<input type="checkbox"/> Bulkhead	<input type="checkbox"/> Fence	<input type="checkbox"/> Outfall Structure	<input type="checkbox"/> Utility Line
<input type="checkbox"/> Buoy	<input type="checkbox"/> Ferry Terminal	<input type="checkbox"/> Piling/Dolphin	
<input checked="" type="checkbox"/> Channel Modification	<input type="checkbox"/> Fishway	<input type="checkbox"/> Raft	
<input type="checkbox"/> Other:			

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

The project will begin with the construction of sheetpile cofferdam north of 60th Street E, which will allow for the construction of the new culvert and stream channel isolated from the existing creek. This construction will take place in the WDFW work window. Any water from the contained area will be pumped out and any fish in the area will be herded from the area prior to construction. Once installed, a 12-inch hole will be cut in the wall in order to allow for installation of a fish screen for later use. Willow live stakes will be installed just upstream of the proposed culvert location in order to provide bank stabilization once the creek is realigned. This will allow the willows to establish for more than 2 years prior to the realignment.

To construct the stormwater pond, an approximately 1.8 acre area of grass with small trees will be cleared and graded. Approximately 4 feet will be excavated and an additional 1-2 feet of fill will be placed around the perimeter to form a berm. The area will be planted with wetland vegetation. An 18-inch stormwater pipe will be installed in order to provide conveyance to a channel which will be constructed to outfall to the relocated portion of Salmon Creek. An in-line Tideflex valve will be installed at the end of the stormwater pipe.

The proposed alignment of Salmon Creek will be constructed in its new location with the exception of a small area which connects to the upstream portion of the creek. A 16x8 foot concrete box culvert will also be installed under 60th Street which will also include utility extensions and relocations. All planting of native plants will occur at this time in the wetland and buffer areas. Erosion control cloth will be placed as well as large woody debris within the creek channel. The creek channel will be lined with 8 inch deep streambed gravel. The creek channel will be allowed to establish for 2 years before the creek will be redirected into it. The stormwater pond will be operational during this time and water from the outfall will flow through the channel and be allowed to backwater into the upstream section during high flow to provide water to the establishing plants. This water will be discharged through the cofferdam north of 60th Street through a fish screen. This screen will include a 12-inch PVC Tee which will allow water to flow through the screen from below and allow maintenance access from above the water level in order to maintain a free flowing screen.

Within the WDFW work window, a sheet pile cofferdam will be constructed at connection of existing Salmon Creek to the new creek alignment at the 64th Street E/Sumner Tapps Hwy intersection. The small remaining area of channel will then be excavated.

In order to prevent fish from travelling upstream into the portion of the channel which will be abandoned, an in-line check valve will be installed on the upstream side of culvert under driveway on the north side of 60th Street E. Once this check valve is place, fish will be excluded from the existing section of creek which will be abandoned. Work will be done during WDFW in-water work window in order to minimize the number of fish potentially present. Timing could be adjusted in coordination with WDFW Area Habitat Biologist. After using

hand and seine nets to clear all areas of potential listed species, electrofishing will occur as final step of fish exclusion.

Once all fish have been removed, the sheet pile cut-off wall at the downstream end of the new box culvert will be removed, followed by the cut-off wall separating the existing creek channel and the new alignment at the 64th Street E/Sumner Tapps Hwy intersection. A final check for fish in the excluded creek channel will occur as the creek flow is rerouted to the new section.

Once the creek is flowing into the new channel, the abandoned creek channel will be filled and graded to create a bioswale other than the furthest downstream section to the existing culvert which will provide the outfall for the bioswale.

Equipment to be used include: excavators, backhoes, dump trucks, pavers, and hand tools.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [\[help\]](#)

- If the project will be constructed in phases or stages, use [JARPA Attachment D](#) to list the start and end dates of each phase or stage.

Start date: June 2016 End date: November 2018 See JARPA Attachment D

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

2.8 million

6h. Will any portion of the project receive federal funding? [\[help\]](#)

- If **yes**, list each agency providing funds.

Yes No Don't know

Part 7–Wetlands: Impacts and Mitigation

- Check here if there are wetlands or wetland buffers on or adjacent to the project area.
(If there are none, skip to Part 8.) [\[help\]](#)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]
<input type="checkbox"/> Not applicable
The plan of the site has been designed to maximize available upland space. Vegetation removal will be kept to a minimum and clearing limits will be marked in the field. Additional upland areas onsite are not available for the pond design in order to allow future construction of a 62 nd Street and for the relocation of the stream channel. A portion of the wetland impacts being mitigated are for conversion of wetland to open water. While mitigation has been deemed necessary for this conversion, it will increase the diversity of habitat provided within the wetland and improve fish habitat within Salmon Creek. This will also improve connectivity of the floodplain of the creek to the wetland from the existing alignment.
7b. Will the project impact wetlands? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7c. Will the project impact wetland buffers? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7d. Has a wetland delineation report been prepared? [help]
<ul style="list-style-type: none">• If Yes, submit the report, including data sheets, with the JARPA package.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [help]
<ul style="list-style-type: none">• If Yes, submit the wetland rating forms and figures with the JARPA package.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [help]
<ul style="list-style-type: none">• If Yes, submit the plan with the JARPA package and answer 7g.• If No, or Not applicable, explain below why a mitigation plan should not be required.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [help]
The mitigation plan will provide wetland creation offsite adjacent to Salmon Creek. The proposed mitigation site is consistent with the overall watershed improvements being pursued by the City of Sumner. The entire Salmon Creek watershed has been targeted for fish habitat improvements in consultation with the Puyallup Tribe. The proposed site is a similar location to the stormwater pond site, adjacent to Salmon Creek with the opportunity to create a large contiguous wetland within the same watershed as the project impacts.
Onsite mitigation will provide additional improvements to habitat within Salmon Creek by creating connectivity to surrounding wetland area, additional vegetated buffer area, and additional habitat structures. The creek location will increase the habitat diversity within the wetland and create opportunity for the wetland to attenuate flood waters at very high flows.

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

Activity (fill, drain, excavate, flood, etc.)	Wetland Name¹	Wetland type and rating category²	Impact area (sq. ft. or Acres)	Duration of impact³	Proposed mitigation type⁴	Wetland mitigation area (sq. ft. or acres)
Fill/Excavate for Pond	Wetland D	Emergent Category IV	0.24 acres	Permanent	Creation offsite	0.36 acres
Fill/Excavate for Pond	Wetland E	Emergent Category IV	0.36 acres	Permanent	Creation offsite	0.54 acres
Fill/Excavate for Pond	Wetland F	Forested/Emergent Category IV	0.04 acres	Permanent	Creation offsite	0.06 acres
Construction of relocated stream channel	Wetland F	Forested/Emergent Category IV	0.19 acres	Temporary	Restoration of disturbed area	0.19 acres
Relocated Stream Channel below OHWM	Wetland F	Forested/Emergent Category IV	0.13 acres	Permanent	Enhancement onsite	0.78 acres

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: 10

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

Approximately 300 CY of fill from a commercial source will be placed in wetlands in order to create the berm around the pond perimeter. Wetland D- 150 CY, Wetland E- 120 CY, Wetland F – 30CY

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

Excavation with an excavator of approximately 3000 CY of native material will occur in wetland in order to create the stormwater pond. Disposal will occur at an off-site commercial source. Wetland D – 1500 CY, Wetland E – 1400 CY, Wetland F – 100 CY. Excavation of approximately 900 CY of native material will occur in the wetland in order to create the new stream channel. The channel will be lined with 8 inches of streambed gravel.

Part 8–Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, “waterbodies” refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [help]					
<input type="checkbox"/> Not applicable					
<p>The proposed project will improve habitat conditions in Salmon Creek. The pond has been located to minimize the impact to Salmon Creek by leaving a vegetated buffer along the new creek and improving habitat quality through planting of native species. In water work will be completed during the WDFW designated work window of July 15-August 31. The creek will be isolated from the work area to minimize turbidity impacts. The proposed channel has been designed to retain established trees on the southern portion of the property and LWD salvaged from trees removed during construction will be installed to provide shade for the stream channel.</p>					
8b. Will your project impact a waterbody or the area around a waterbody? [help]					
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
8c. Have you prepared a mitigation plan to compensate for the project’s adverse impacts to non-wetland waterbodies? [help]					
<ul style="list-style-type: none"> • If Yes, submit the plan with the JARPA package and answer 8d. • If No, or Not applicable, explain below why a mitigation plan should not be required. 					
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not applicable					
<p>The relocation of the stream channel is expected to mitigate for any impacts created during construction. The Salmon Creek alignment will be moved to a central area of the parcel away from Sumner-Tapps Highway E allowing for sinuosity which does not currently exist and will increase the length of the stream channel habitat. This will also provide a much larger vegetated buffer which will be enhanced through mitigation necessary for wetland impacts associated with this project. The relocation will also replace the culvert which creates backwater conditions and impedes fish passage. Large woody debris will be placed within the stream channel in order to provide habitat. Approximately 36 conifers greater than 6” DBH will be removed during construction and will be placed in the channel. Larger trees (greater than 14” DBH) will be placed as shown on pages 3-6 of the attached drawings. The amount that can be salvaged of smaller trees will alter the configuration in which they are placed, which will be determined during construction. The tops of the conifer trees will be placed over the stream channel to provide shade while the surrounding buffer plantings are establishing. The proposed pond will also improve water quality in the area, providing an overall benefit to Salmon Creek.</p>					
8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.					
<ul style="list-style-type: none"> • If you already completed 7g you do not need to restate your answer here. [help] 					
8e. Summarize impact(s) to each waterbody in the table below. [help]					
Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Fill of existing channel for bioswale construction	Salmon Creek	Within OWHM	Permanent	2130 CY of fill placed	1060 linear feet
Construction of new stream channel	Salmon Creek	Outside existing floodplain	Permanent	3150 CY Excavation	Creation of 1225 linear feet stream channel
Box culvert construction	Salmon Creek	Outside existing OWHM	Permanent		

¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.

² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

Approximately 2130 CY of material from a commercial source will be used to fill the abandoned section of Salmon Creek in order to grade the area for construction of a bioswale to treat runoff from Sumner-Tapps Highway.

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

Approximately 3150 cubic yards of material will be excavated in order to create the new creek channel and disposed at a commercial location.

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [\[help\]](#)

Agency Name	Contact Name	Phone	Most Recent Date of Contact
		()	

9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [\[help\]](#)

- If **Yes**, list the parameter(s) below.
- If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <http://www.ecy.wa.gov/programs/wq/303d/>.

Yes No

9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [\[help\]](#)

- Go to <http://cfpub.epa.gov/surf/locate/index.cfm> to help identify the HUC.

171100140204

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [\[help\]](#)

- Go to <http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm> to find the WRIA #.

WRIA 10: Puyallup-White

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [\[help\]](#)

- Go to <http://www.ecy.wa.gov/programs/wq/swqs/criteria.html> for the standards.

Yes No Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [\[help\]](#)

- If you don't know, contact the local planning department.
- For more information, go to: http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html.

Rural Urban Natural Aquatic Conservancy Other _____

9g. What is the Washington Department of Natural Resources Water Type? [help]
<input type="checkbox"/> Shoreline <input checked="" type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal
9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help] • If No, provide the name of the manual your project is designed to meet.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Name of manual: 2005 Stormwater Management Manual for Western Washington
9i. Does the project site have known contaminated sediment? [help] • If Yes, please describe below.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9j. If you know what the property was used for in the past, describe below. [help]
This property has included two residences in the past which have been removed.
9k. Has a cultural resource (archaeological) survey been performed on the project area? [help] • If Yes, attach it to your JARPA package.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9l. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [help]
The proposed project area does not provide habitat for any listed species.
9m. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [help]
No species or habitats are identified in the project area.

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.ecy.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@ora.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [help] • For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html .
<input checked="" type="checkbox"/> A copy of the SEPA determination or letter of exemption is included with this application.
<input type="checkbox"/> A SEPA determination is pending with _____ (lead agency). The expected decision date is _____.
<input type="checkbox"/> I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [help]
<input type="checkbox"/> This project is exempt (choose type of exemption below). <input type="checkbox"/> Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt? _____
<input type="checkbox"/> Other: _____
<input type="checkbox"/> SEPA is pre-empted by federal law.

10b. Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

LOCAL GOVERNMENT

Local Government Shoreline permits:

Substantial Development Conditional Use Variance

Shoreline Exemption Type (explain): _____

Other City/County permits:

Floodplain Development Permit Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

Hydraulic Project Approval (HPA) Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

Effective July 10, 2012, you must submit a check for \$150 to Washington Department of Fish and Wildlife, unless your project qualifies for an exemption or alternative payment method below. **Do not send cash.**

Check the appropriate boxes:

\$150 check enclosed. Check # _____
Attach check made payable to Washington Department of Fish and Wildlife.

Charge to billing account under agreement with WDFW. Agreement # _____

My project is exempt from the application fee. (Check appropriate exemption)

HPA processing is conducted by applicant-funded WDFW staff.

Agreement # _____

Mineral prospecting and mining.

Project occurs on farm and agricultural land.

(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use.)

Project is a modification of an existing HPA originally applied for, prior to July 10, 2012.

HPA # _____

Washington Department of Natural Resources:

Aquatic Use Authorization

Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.

Do not send cash.

Washington Department of Ecology:

Section 401 Water Quality Certification

FEDERAL GOVERNMENT

United States Department of the Army permits (U.S. Army Corps of Engineers):

Section 404 (discharges into waters of the U.S.)

Section 10 (work in navigable waters)

United States Coast Guard permits:

Private Aids to Navigation (for non-bridge projects)

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

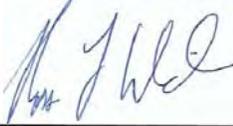
I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. MD (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. MD (initial)

MIKE DAHLEM  7-11-16
Applicant Printed Name Applicant Signature Date

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Ross Widener  7/11/16
Authorized Agent Printed Name Authorized Agent Signature Date

11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements.

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Property Owner Printed Name Property Owner Signature Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ENV-019-09 rev. 09/2015

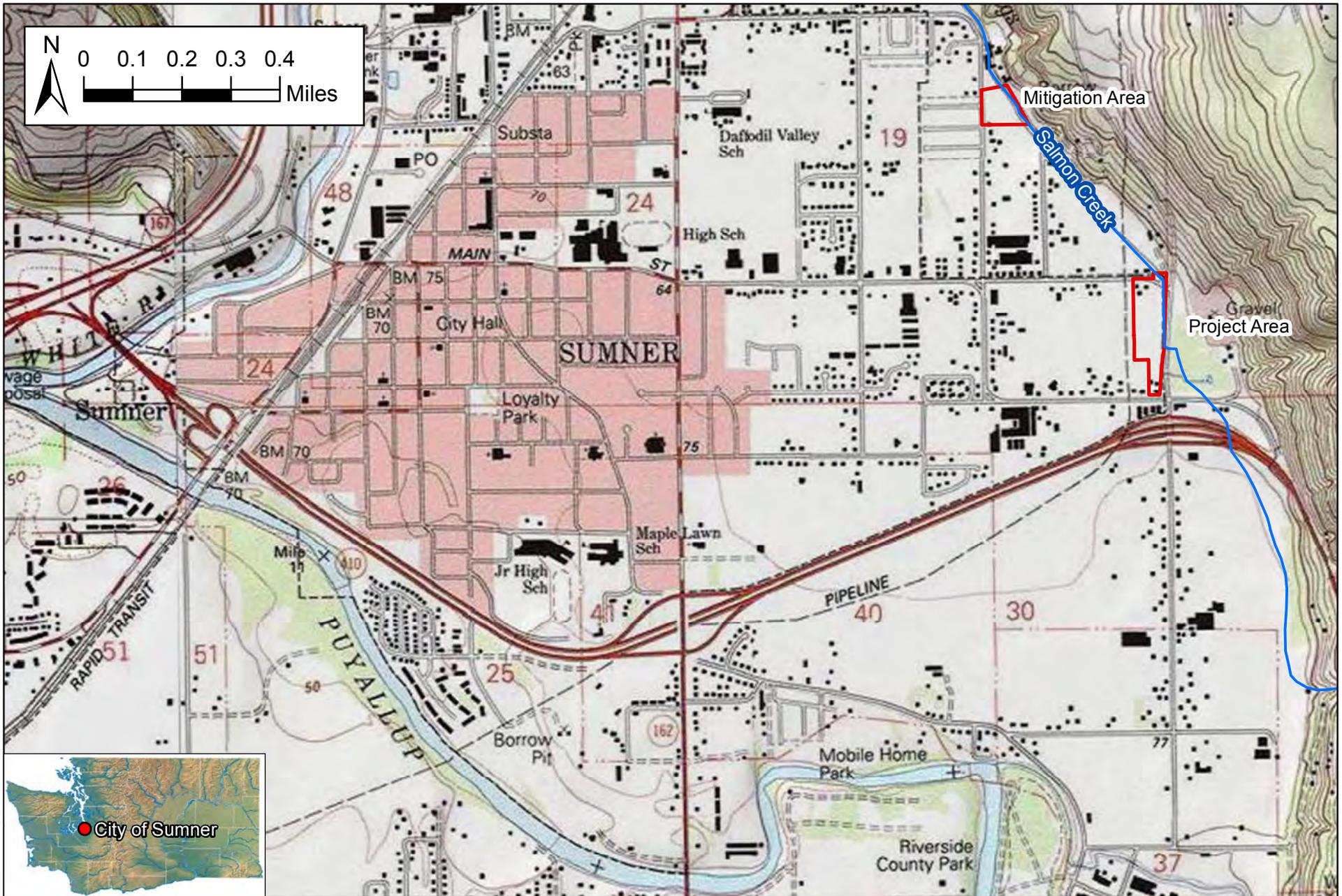


Figure 1: Vicinity Map

REFERENCE NUMBER:

APPLICANT: City of Sumner

LAT/LONG: Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION: 20 North 5 East Section 19

DATUM: NAD83

ADJACENT PROPERTY OWNERS:

- 0520194074 - Patrick M Ryan
- 0520194060 - Milestone Homes
- 0520194008 - Robert and Lucinda King
- 0520194029 - Sue and Ronald Reese

PROPOSED PROJECT: East Sumner

Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

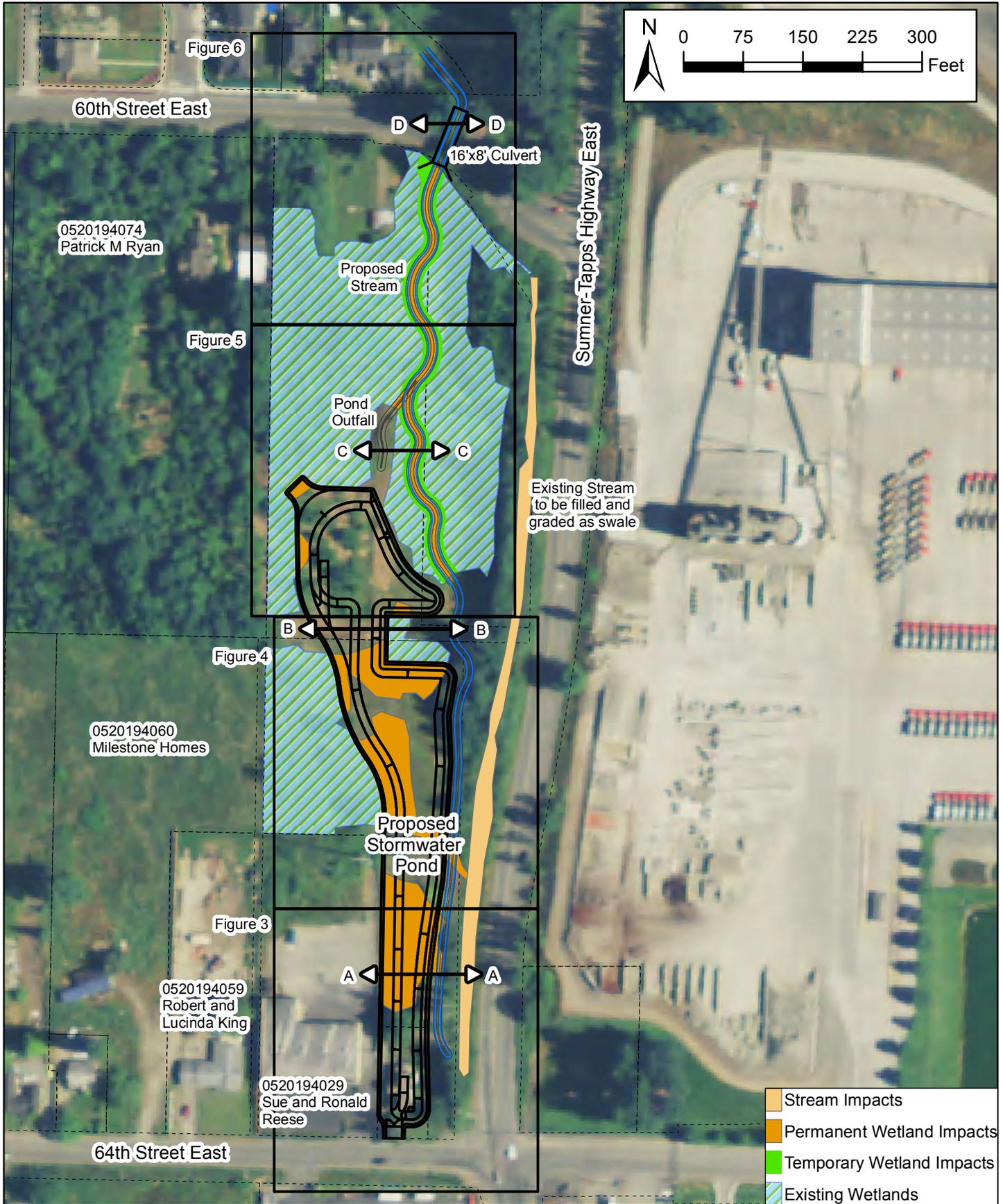


Figure 2: Plan Overview

REFERENCE NUMBER:

APPLICANT: City of Sumner

LAT/LONG: Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION: 20 North 5 East Section 19

DATUM: NAD83

PROPOSED PROJECT: East Sumner Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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April 21, 2015

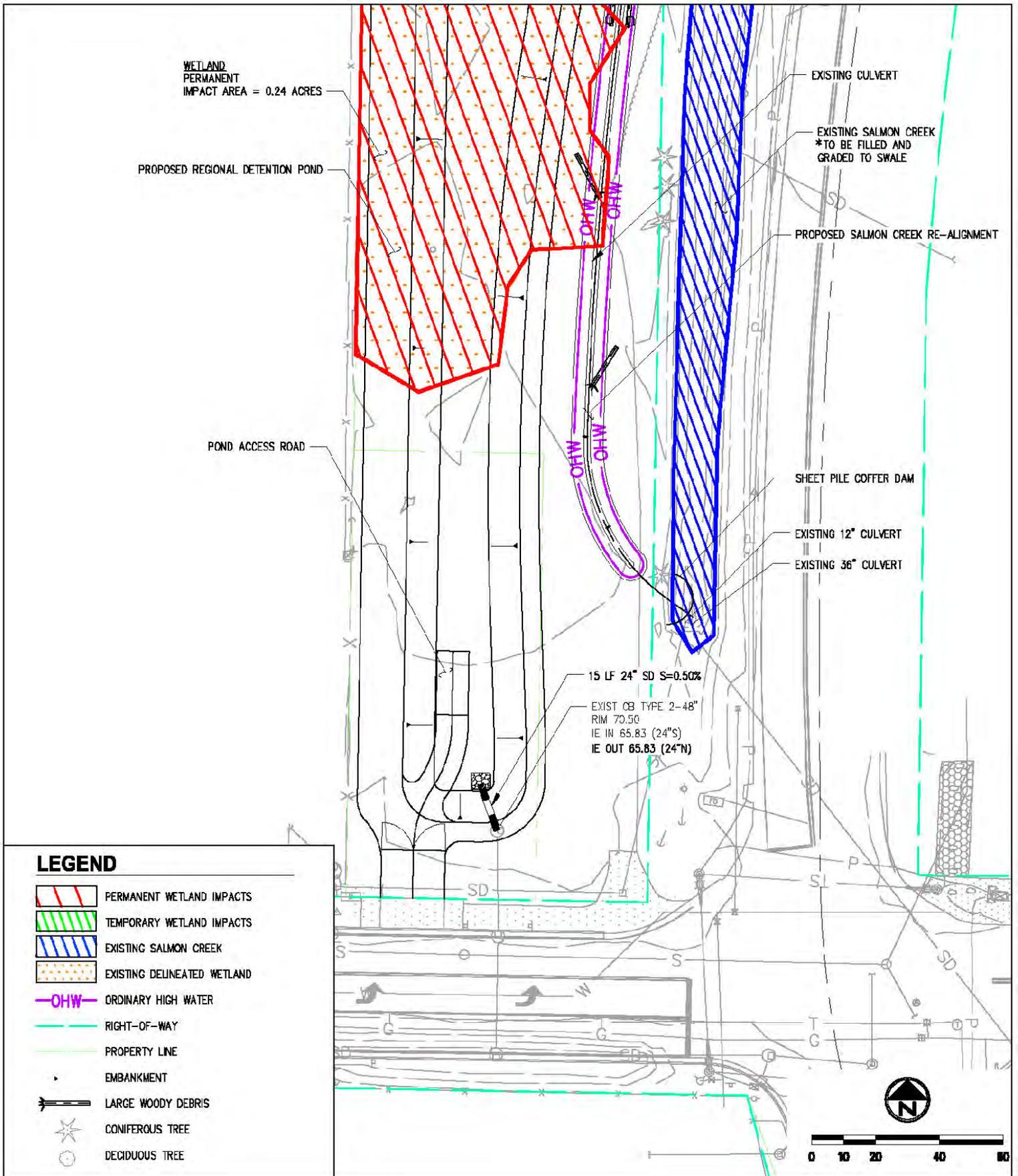


Figure 3: Plan View

REFERENCE NUMBER:

APPLICANT: City of Sumner

LAT/LONG: Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION: 20 North 5 East Section 19

DATUM: NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015

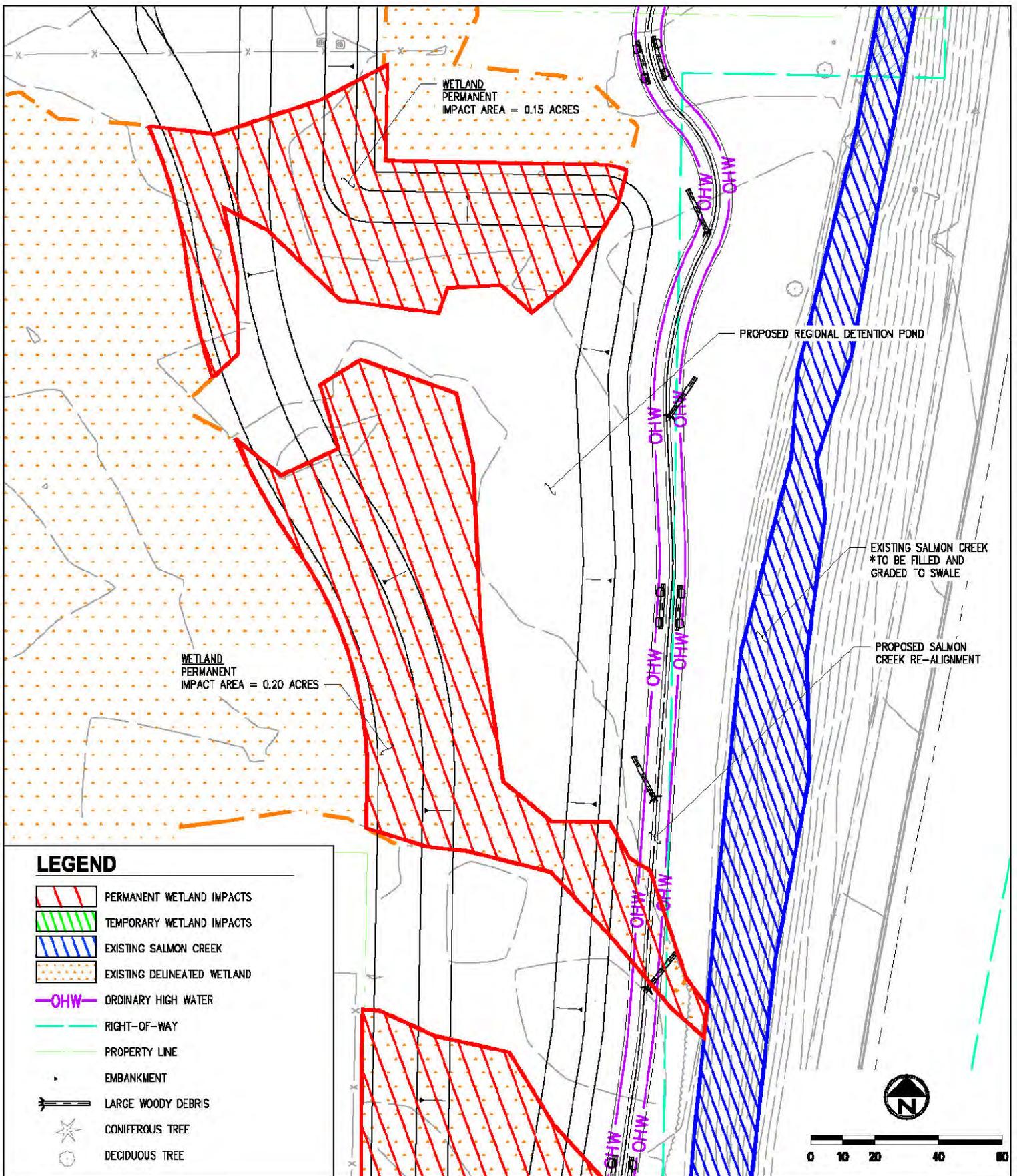


Figure 4: Plan View

REFERENCE NUMBER:

APPLICANT:City of Sumner

LAT/LONG:Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION:20 North 5 East Section 19

DATUM:NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015

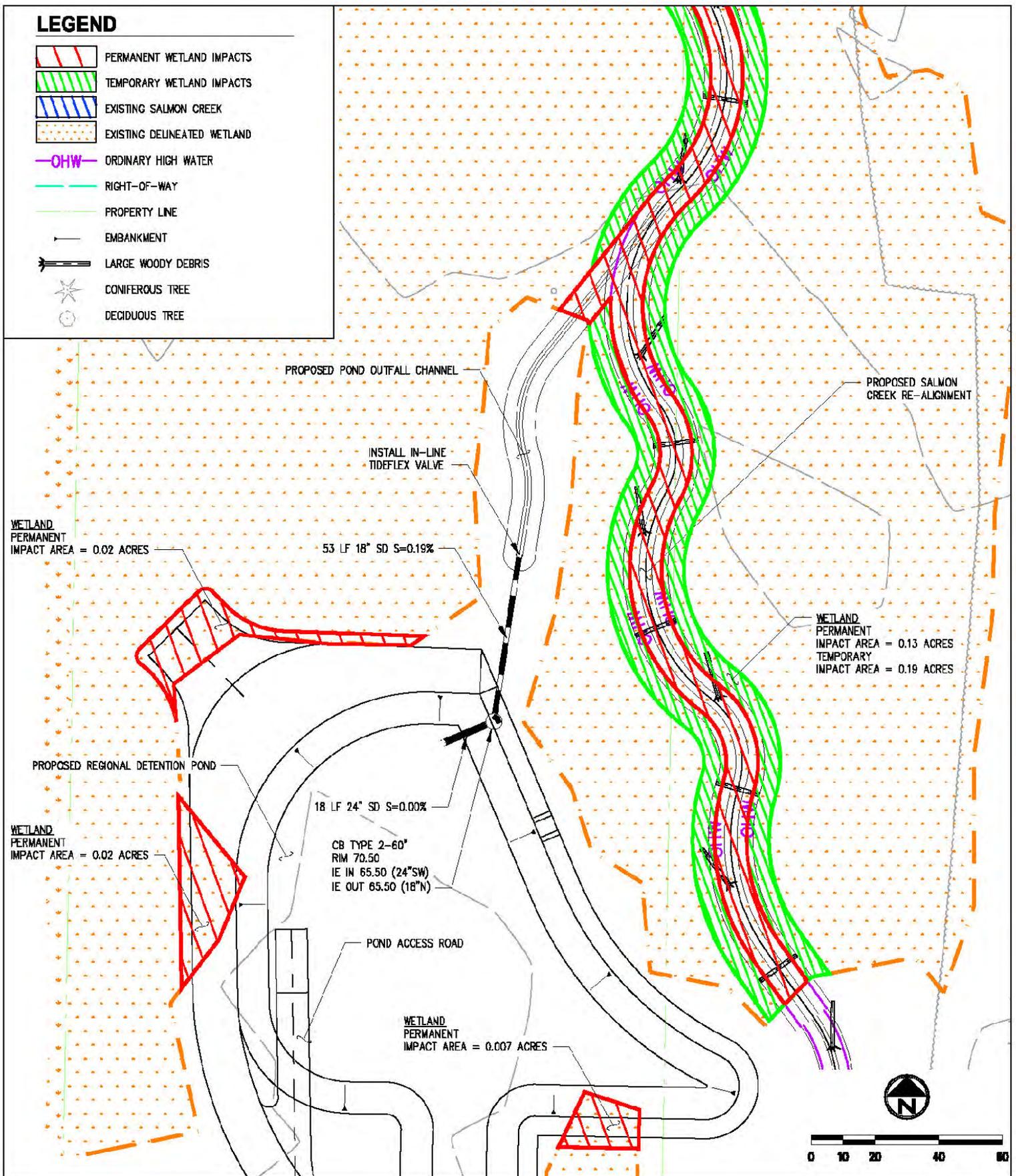


Figure 5: Plan View

REFERENCE NUMBER:

APPLICANT: City of Sumner

LAT/LONG: Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION: 20 North 5 East Section 19

DATUM: NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015

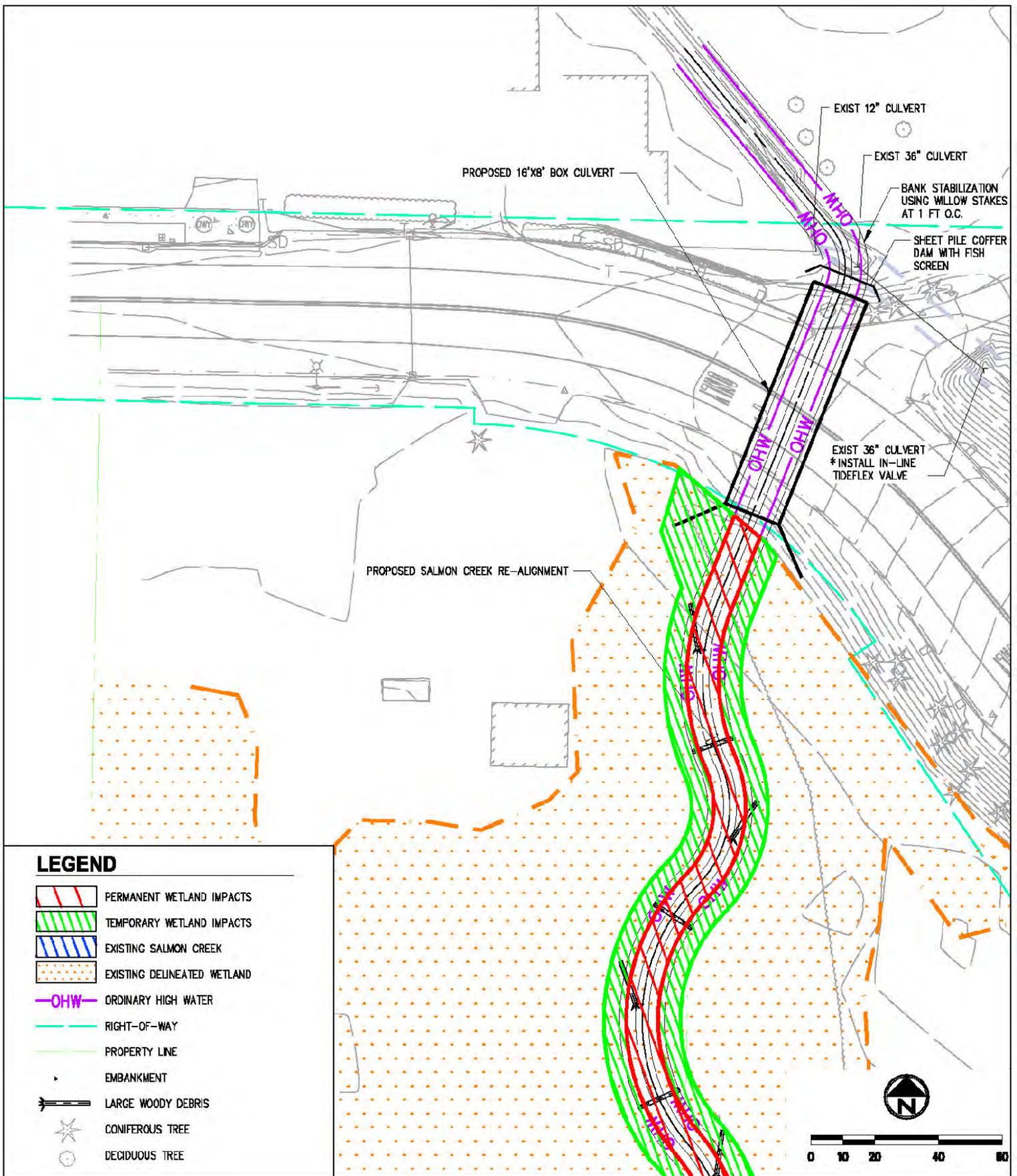


Figure 6: Plan View

REFERENCE NUMBER:

APPLICANT: City of Sumner

LAT/LONG: Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION: 20 North 5 East Section 19

DATUM: NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

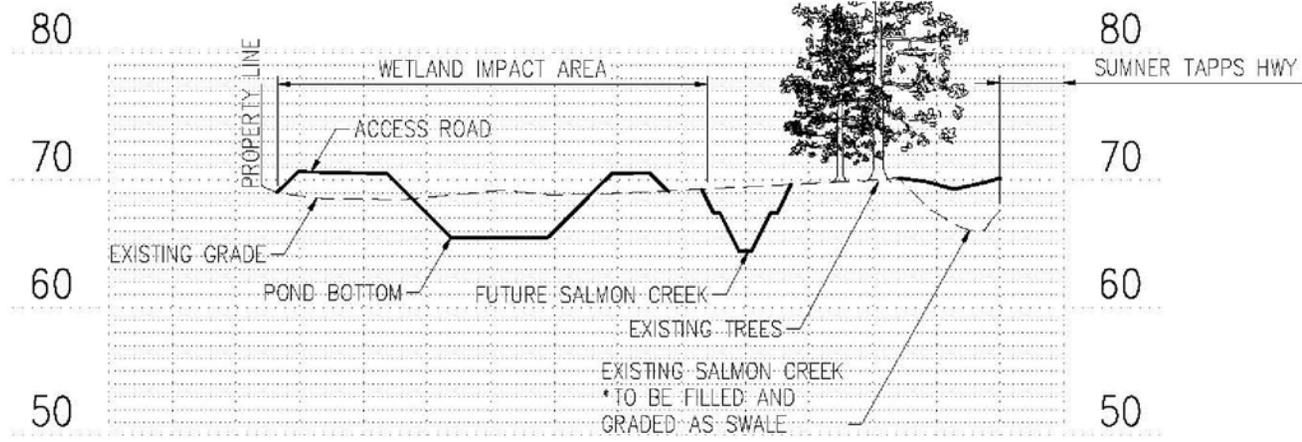
STATE: WA

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March 16, 2015

SECTION A-A

HOR: 1"=30' VER: 1"=15'



SECTION B-B

HOR: 1"=30' VER: 1"=15'

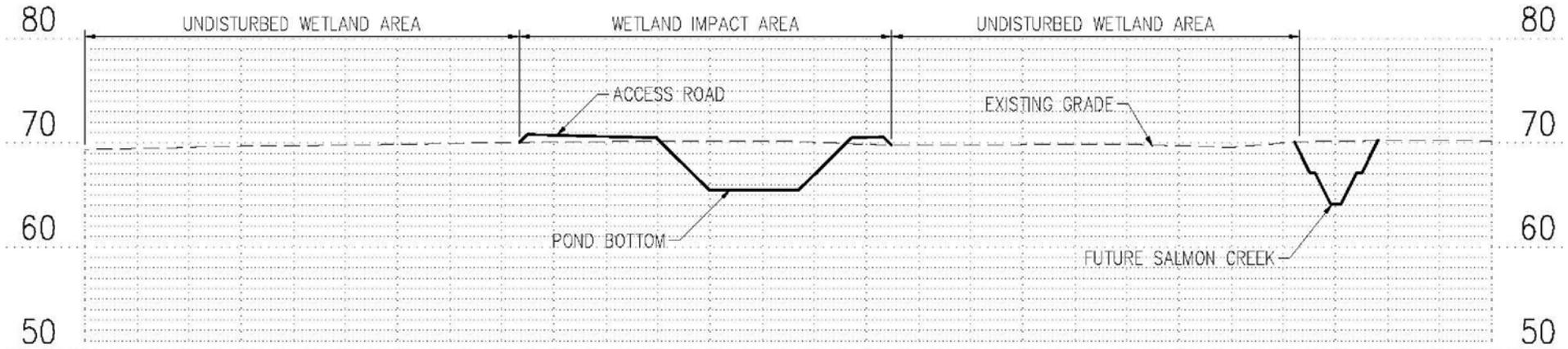


Figure 7: Cross Sections A-A and B-B

REFERENCE NUMBER:

APPLICANT:City of Sumner

LAT/LONG:Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION:20 North 5 East Section 19

DATUM:NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015

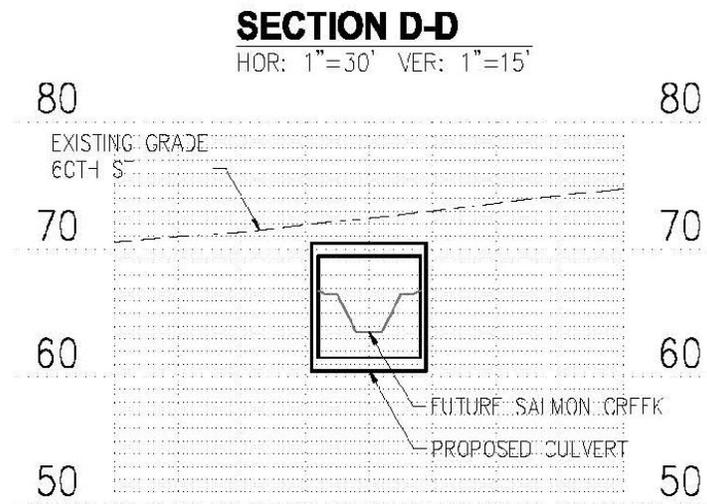
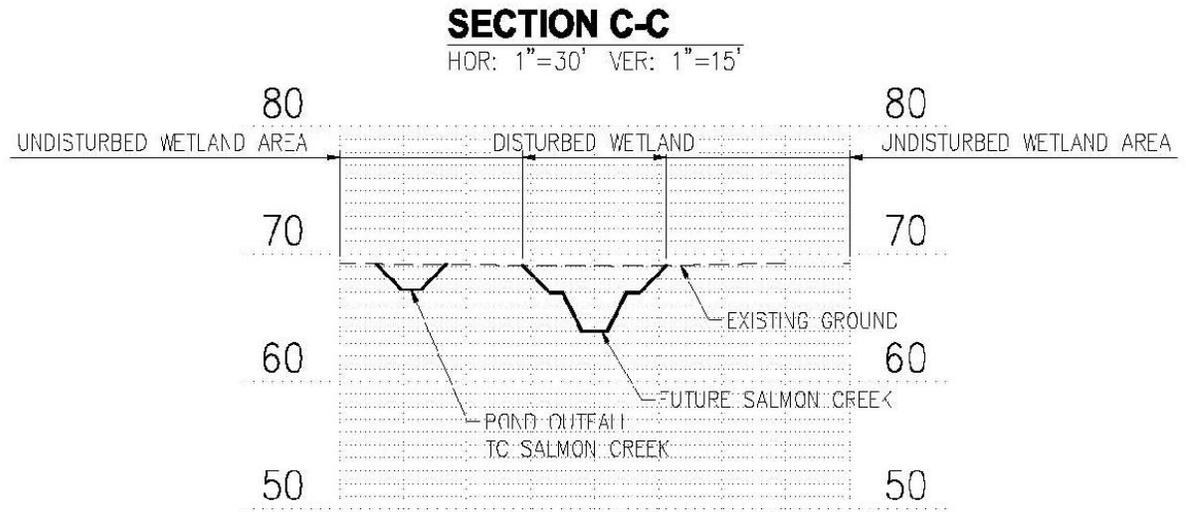
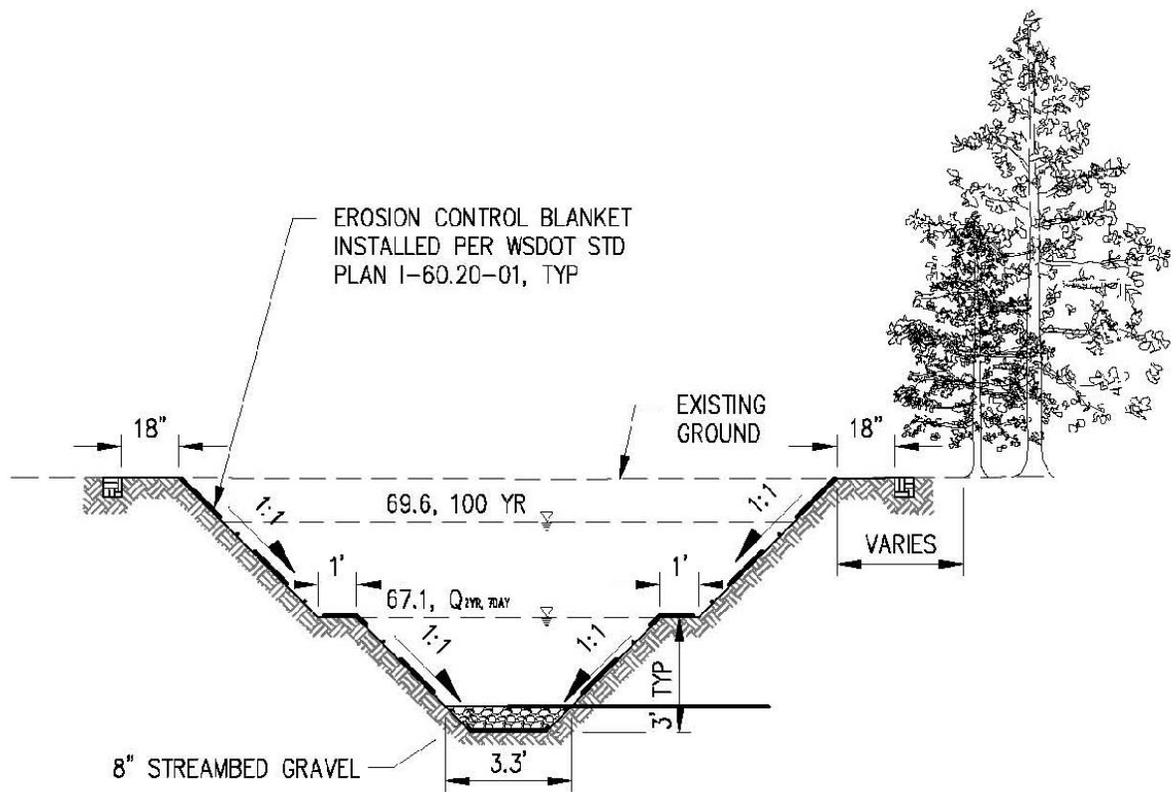


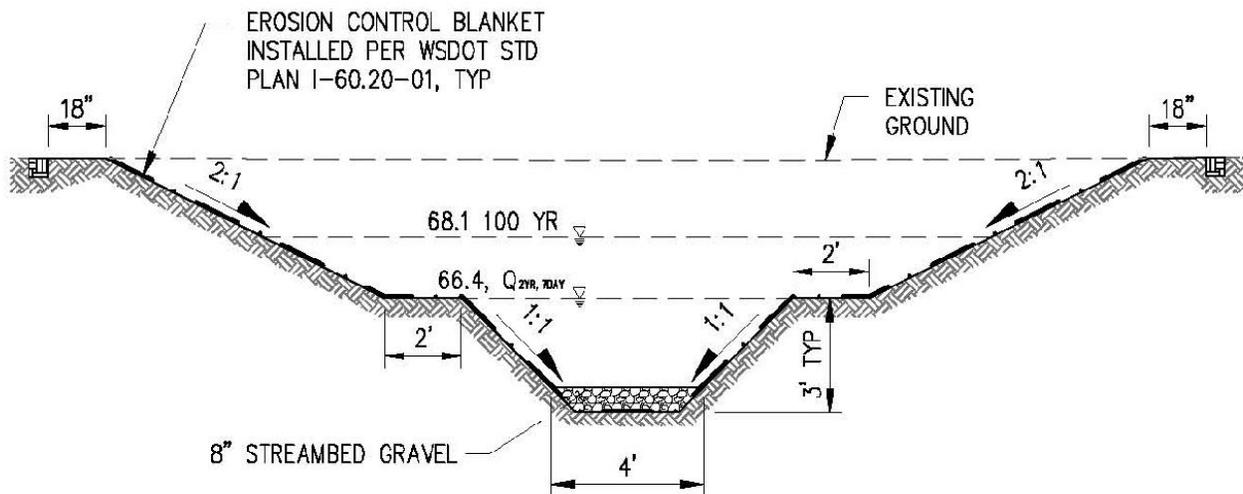
Figure 8: Cross Section C-C and D-D
REFERENCE NUMBER:
APPLICANT: City of Sumner
LAT/LONG: Approx. 47.200946 N / -122.208839 W
LEGAL DESCRIPTION: 20 North 5 East Section 19
DATUM: NAD83

PROPOSED PROJECT: East Sumner
 Neighborhood Regional Stormwater Facility
NEAR/AT: City of Sumner
COUNTY: Pierce
STATE: WA
 Page 8 of 13
 March 16, 2015



TYPICAL CREEK SECTION

STA 100+00 TO STA 106+36
NTS



TYPICAL CREEK SECTION

STA 106+36 TO STA 113+80
NTS

Figure 9: Typical Creek Sections

REFERENCE NUMBER:

APPLICANT:City of Sumner

LAT/LONG:Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION:20 North 5 East Section 19

DATUM:NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

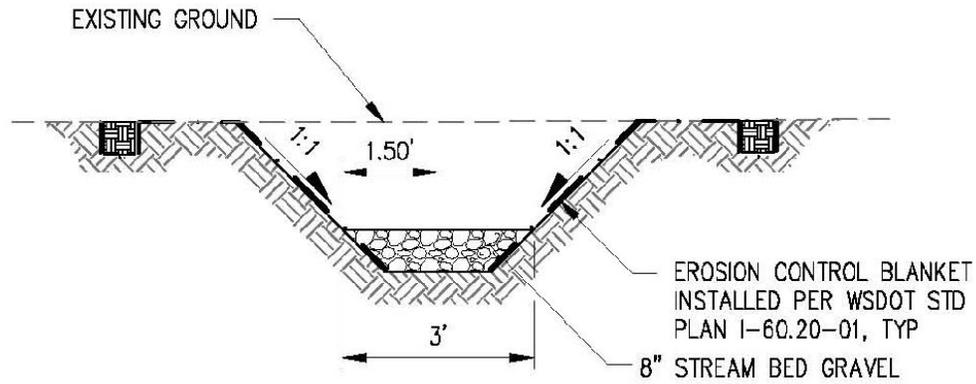
NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

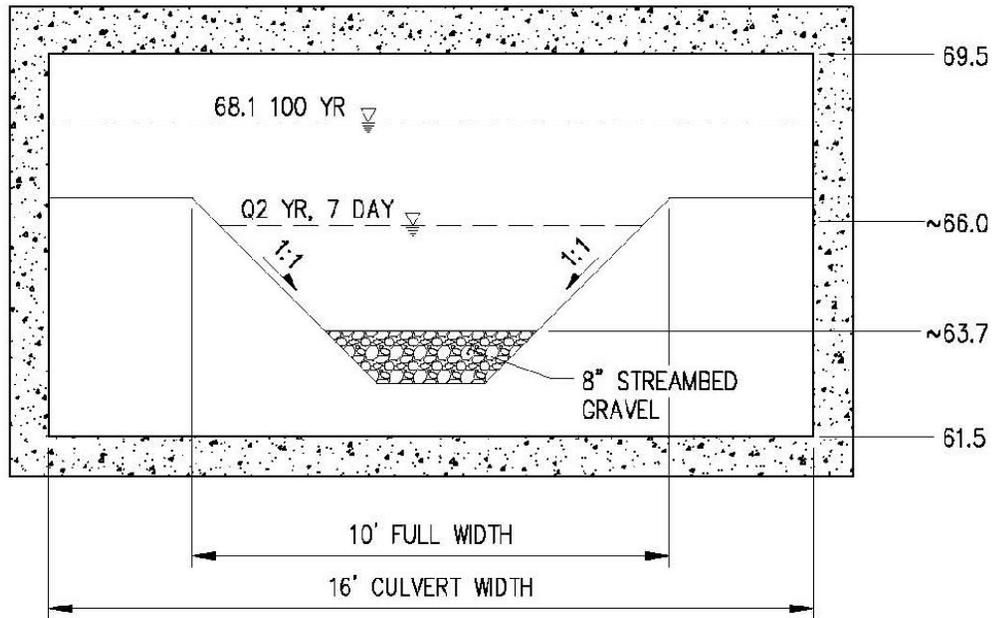
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March 16, 2015



POND OUTFALL SECTION

NTS



TYPICAL CULVERT SECTION

NTS

Figure 10: Typical Outfall and Culvert Sections

REFERENCE NUMBER:

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LAT/LONG: Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION: 20 North 5 East Section 19

DATUM: NAD83

PROPOSED PROJECT: East Sumner Neighborhood Regional Stormwater Facility

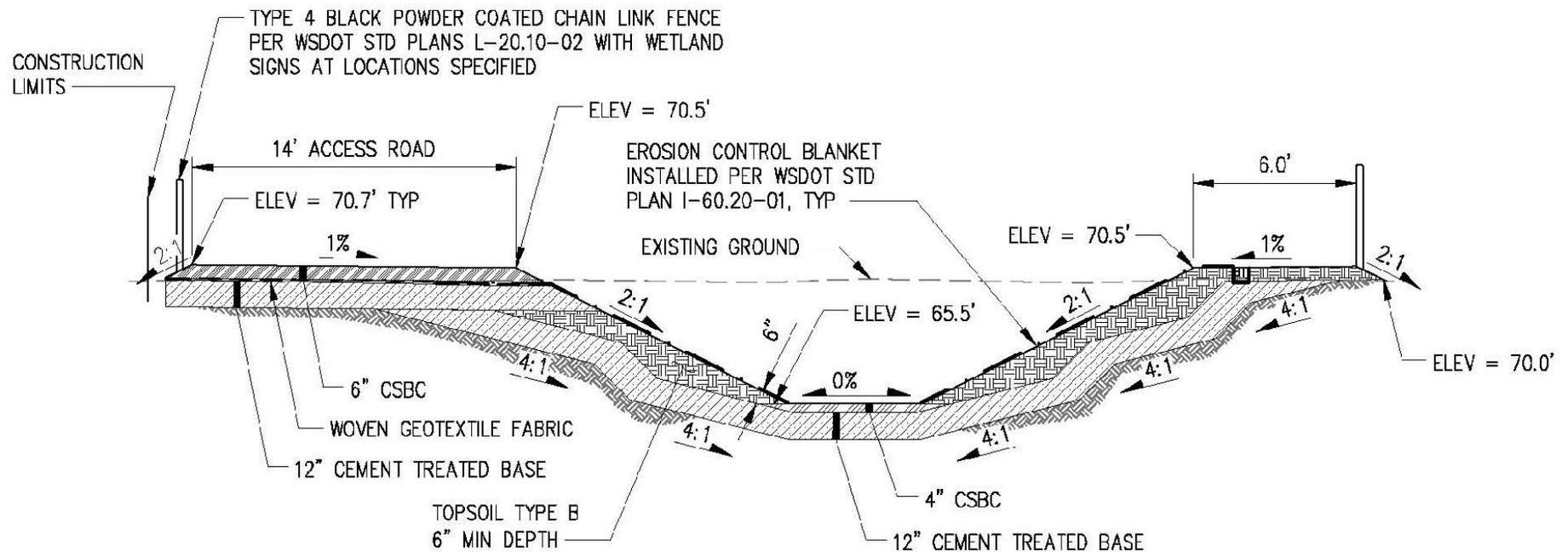
NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015



NOTES

1. CTB LINER SHALL BE INSTALLED TO 70' MINIMUM ELEVATION ON THE POND SIDE SLOPES.
2. CTB MAY BE PLACED BY STEPPING THE LIFT AS SHOWN HERE BY MIXING ON THE POND BOTTOM AND PUSHING/GRADING/COMPACTING ONTO THE POND SLOPE, OR OTHER METHOD AS PROPOSED BY CONTRACTOR AND APPROVED BY THE ENGINEER.

TYPICAL POND SECTION

NTS

Figure 11: Pond Cross Section

REFERENCE NUMBER:

APPLICANT:City of Sumner

LAT/LONG:Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION:20 North 5 East Section 19

DATUM:NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

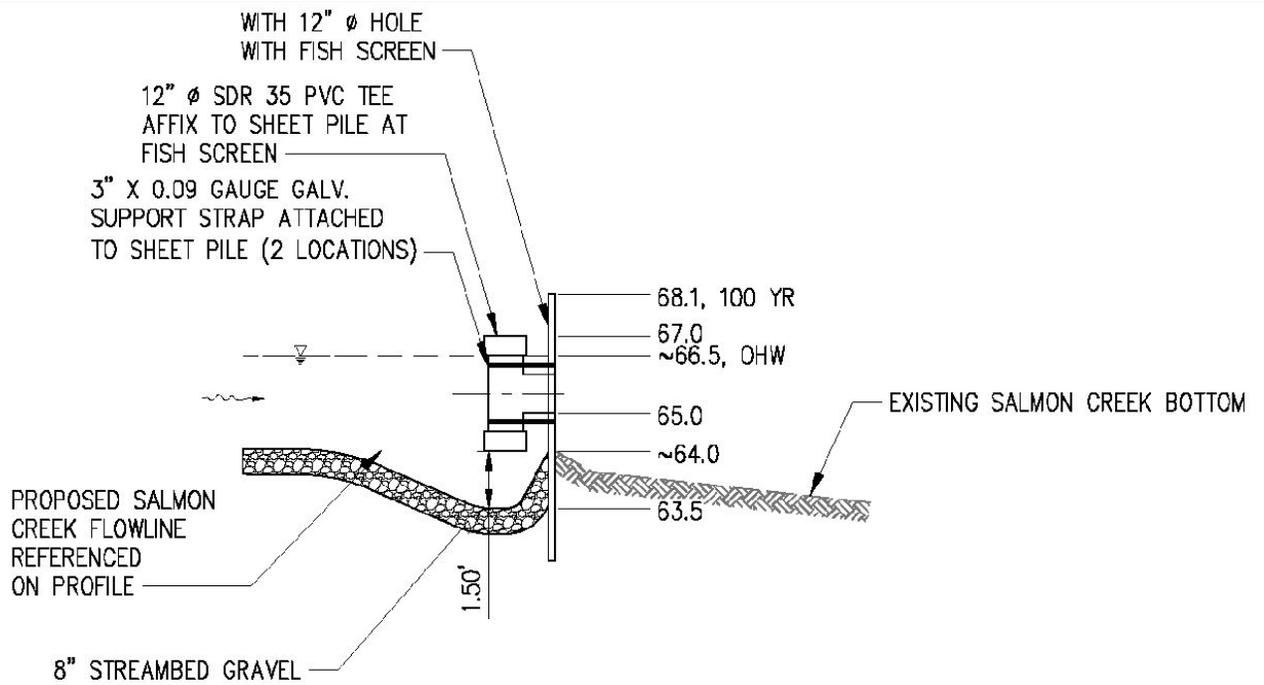
NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015



TYPICAL STEEL SHEET PILE COFFER DAM DETAIL

NTS

Figure 12: Sheet Pile Cofferdam

REFERENCE NUMBER:

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LAT/LONG:Approx. 47.200946 N / -122.208839 W

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DATUM:NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015

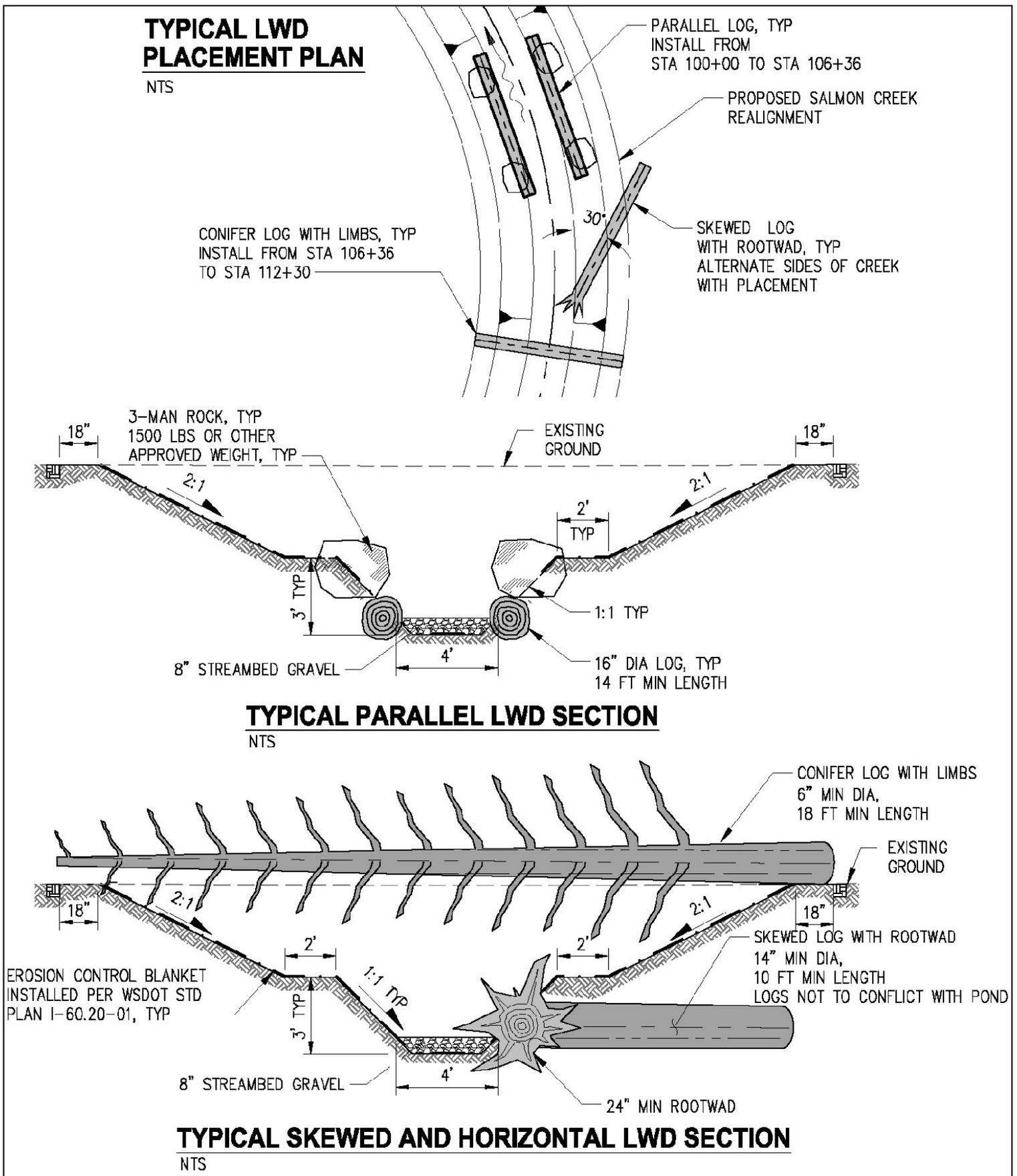


Figure 13: LWD Placement

REFERENCE NUMBER:

APPLICANT: City of Sumner

LAT/LONG: Approx. 47.200946 N / -122.208839 W

LEGAL DESCRIPTION: 20 North 5 East Section 19

DATUM: NAD83

PROPOSED PROJECT: East Sumner
Neighborhood Regional Stormwater Facility

NEAR/AT: City of Sumner

COUNTY: Pierce

STATE: WA

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March 16, 2015



WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: East Sumner Neighborhood Regional Stormwater Facility _____

Location Name (if applicable): _____

Attachment C:
Contact information for adjoining property owners. [\[help\]](#)

Use this attachment only if you have more than four adjoining property owners.

f

Use black or blue ink to enter answers in white spaces below.

1. Contact information for all adjoining property owners. [help]		
Name	Mailing Address	Tax Parcel # (if known)
Strawberry Creek West LLC	PO Box 487	0520203003
	Sumner, WA 98390	0520203008
Morris and Victoria Baxter	16504 64 th Avenue E	0520301030
	Sumner, WA 98390	
Michael and Marlene Murphy	16513 60 th ST E	9225000530
	Sumner, WA 98390	
Kaedy and David Nelson	PO Box 2241	9225000563
	Sumner, WA 98390	
Tyler Croppi	5519 162 nd Avenue E	9225000160
	Sumner, WA 98390	
Paradise Mobile Home Park LLC	PO Box 4007	9225000090
	Bellevue, WA 98009	9225000080
City of Sumner	1104 Maple Street STE 245	9225000210
	Sumner, WA 98390	
Catherine Hoveland	PO Box 245	9225000246
	Sumner, WA 98390	

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WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



AGENCY USE ONLY

Date received: _____

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Project Name: East Sumner Neighborhood Regional Stormwater Facility _____

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Attachment C:
Contact information for adjoining property owners. [\[help\]](#)

Use this attachment only if you have more than four adjoining property owners.

f

Use black or blue ink to enter answers in white spaces below.

1. Contact information for all adjoining property owners. [help]		
Name	Mailing Address	Tax Parcel # (if known)
Abera Rentals LLC	209 Lake Washington Boulevard Seattle, WA 98122	9225000192
Patricia and Wendal Kuecker	PO Box 3482 Federal Way, WA 98063	9225000194
Edward and Donnal Dherin	5505 160 th Avenue E Sumner, WA 98390	9225000245
Francis Ferreria	5320 160 th Avenue E Sumner, WA 98390	9225000110