

**Exhibit E-1**

**KPFF Consulting Engineers**

**Consultant Fee Summary**

**Hourly Rate Consultant Agreement**

**SNOQUALMIE RIVERWALK**

<b>Classification</b>	<b>Hourly Rate</b>	<b>X</b>	<b>Total Hours</b>	<b>=</b>	<b>Cost</b>
Principal	\$ 230.00	X	47.00	=	\$ 10,810.00
Bridge Project Engineer	\$ 180.00	X	210.00	=	\$ 37,800.00
Bridge Design Engineer	\$ 150.00	X	278.00	=	\$ 41,700.00
Bridge CADD	\$ 150.00	X	204.00	=	\$ 30,600.00
Admin	\$ 120.00	X	32.00	=	\$ 3,840.00
Civil Principal	\$ 225.00	X	47.00	=	\$ 10,575.00
Civil Project Engineer	\$ 150.00	X	228.00	=	\$ 34,200.00
Civil Design Engineer	\$ 130.00	X	358.00	=	\$ 46,540.00
Civil CADD	\$ 130.00	X	188.00	=	\$ 24,440.00
Title 10	\$ -	X	0.00	=	\$ -
Title 11	\$ -	X	0.00	=	\$ -
Title 12	\$ -	X	0.00	=	\$ -
Title 13	\$ -	X	0.00	=	\$ -
Title 14	\$ -	X	0.00	=	\$ -
Title 15	\$ -	X	0.00	=	\$ -
Title 16	\$ -	X	0.00	=	\$ -
Title 17	\$ -	X	0.00	=	\$ -
Title 18	\$ -	X	0.00	=	\$ -
Title 19	\$ -	X	0.00	=	\$ -
Title 20	\$ -	X	0.00	=	\$ -
					<b>\$ 240,505.00</b>

**Reimbursables**

Mileage	(## Miles x \$0.585/mile)	
Airfare	(Allowance)	
Per Diem	(Hotel + Meals @ \$#.## x # trips)	
Subcontract	(Sub Name & Task)	
(Blank)	(Allowance)	
<b>Subtotal</b>		<b>\$ -</b>

<b>GRAND TOTAL:</b>	<b>\$240,505.00</b>
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February 23, 2023		KPFF Consulting Engineers																				[ABBR]
SNOQUALMIE RIVERWALK		Principal	Bridge Project Engineer	Bridge Design Engineer	Bridge CADD	Admin	Civil Principal	Civil Project Engineer	Civil Design Engineer	Civil CADD	Title 10	Title 11	Title 12	Title 13	Title 14	Title 15	Title 16	Title 17	Title 18	Title 19	Title 20	
Item	SCOPE OF WORK	\$230.00	\$180.00	\$150.00	\$150.00	\$120.00	\$225.00	\$150.00	\$130.00	\$130.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
1	PROJECT ADMINISTRATION, INVOICING & MEETINGS																					
1.00	Project Administration, Invoicing & Meetings	6	12	12		24	6	12	12													\$12,930
Labor Subtotal: Reimbursables:		6	12	12	0	24	6	12	12	0	0	0	0	0	0	0	0	0	0	0	0	\$12,930
2	STRUCTURAL ENGINEERING																					
2.10	South Trestle Bridge 90% Design																					
	Bridge Layout		8	8	12																	\$4,440
	General Notes & Typical Section		2	6	6																	\$2,160
	Foundation Plan		6	10	8																	\$3,780
	Abutment Details - 1		8	12	12																	\$5,040
	Abutment Details - 2		8	12	12																	\$5,040
	Wingwall Layout		6	12	10																	\$3,120
	Framing Plan		4	8	8																	\$9,120
	Girder Details - 1		6	12	12																	\$4,680
	Girder Details - 2		6	12	12																	\$4,680
	Railing Details		4	12	12																	\$4,320
	Miscellaneous Details		4	8	12																	\$3,720
	Cost Estimate			8	16																	\$3,840
	Specifications	4		12																		\$3,080
	QC	12		18	6	6																\$7,800
	Bid Support	4	4	8	8																	\$4,040
	Construction Support	8	16	40																		\$10,720
2.20	Canopy Walk Preliminary Design (10%) Design																					
	Canopy Walk Layouts	2	18	8	12																	\$6,700
	Canopy Walk Typical Section	2	18	8	12																	\$6,700
	Cost Estimates	1	12	8																		\$3,590
3.30	Riverwalk North Loop Trail - Trestle Bridge (Add Alternate)	8	30	60	50																	\$23,740
Labor Subtotal: Reimbursables:		41	198	266	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$115,570
3	Civil Engineering																					
3.10	Riverwalk North							4	6	4												
	Civil Cover and General Notes							10	20	24												\$1,900
	Temporary Erosion and Sediment Control Plans							24	40	40												\$7,220
	Paving and Horizontal Control Plans							24	40	40												\$14,000
	Grading and Drainage Plans							10	20	16												\$14,000
	TESC, Paving, and Drainage Details							1	8													\$6,180
	JARPA					4		2	12	20												\$1,425
	Drainage Report							2	6	20												\$5,330
	Cost Estimate							2	6	20												\$3,950
	Specifications					4		2	6	12												\$3,390
	QC							12	12													\$4,500
	Bid Support							4	8	8												\$3,140
	Construction Support							8	16	40												\$9,400
3.20	Canopy Walk Preliminary Design (10%) Design							4	12	24	24											\$8,940
	Canopy Walk Layouts							2	4	16												\$3,130
	Cost Estimates																					
3.30	Riverwalk North Loop Trail (Add Alternate)						4	60	80	40												\$25,500
Labor Subtotal: Reimbursables:		0	0	0	0	8	41	216	346	188	0	0	0	0	0	0	0	0	0	0	0	\$112,005
Labor Sum:		47	210	278	204	32	47	228	358	188	0	0	0	0	0	0	0	0	0	0	0	\$240,505
Reimbursable Sum:																						\$0
TOTAL:																						\$240,505

**2/23/2023**  
**Exhibit A-1**  
**Scope of Work**

**Snoqualmie Riverwalk**

**SCOPE OF WORK**

***TASK NO. 1.0 – PROJECT ADMINISTRATION, INVOICING & MEETINGS***

KPFF will prepare a monthly invoice and progress report to Berger Partnership (Berger). The progress report will describe the work represented by the invoice being submitted and include percentage completion and billings to date.

KPFF will attend up to twelve (12) project coordination meetings. Meetings will be attended by structural lead and civil lead for the project.

Assumptions

- Berger will provide an invoicing format for use on the project
- This phase of the project is assumed to last eight (8) months
- Meetings are assumed to be one (1) hour in length and will be held virtually

Deliverables

- Monthly progress reports and invoices (Assume 8)

***TASK NO. 2.0 – STRUCTURAL ENGINEERING***

KPFF will provide structural engineering services in support of the larger project. Specific tasks include:

***Task 2.1 – South Trestle Bridge Final Design***

KPFF will complete plans, specifications and construction cost estimate (PS&E) design for this bridge crossing. The bridge alignment may be shifted to better align with the revised trail design which will require some redesign. Anticipated design drawings for this structure include:

- Bridge Layout
- General Notes & Typical Section
- Foundation Plan
- Abutment Details – 1
- Abutment Details – 2
- Wingwall Layout
- Framing Plan
- Girder Details – 1
- Girder Details – 2
- Railing Details
- Miscellaneous Details

KPFF will also provide the following services:

- Provide comment on the JARPA application and drawings by others
- Address and respond to permit comments
- Answer questions and prepare amendments as required during the bidding phase
- Attend site visits and respond to RFIs and Submittals as required during the construction phase.

#### *Task 2.2 – Canopy Walk Preliminary (10%) Design*

KPFF will provide preliminary design for up to three (3) alternatives for the Canopy Walk structure along the Snoqualmie River. Preliminary design of this structure will evaluate different structural alternatives and provide planning level cost estimates for these options. Anticipated design drawings include:

- Canopy Walk Layout Alternatives (3 drawings)
- Canopy Walk Alternative Typical Sections (3 drawings)

#### *Task 2.3 (Add Alternate) – Riverwalk North Loop Trail*

KPFF will complete structural PS&E for the Trestle Bridge North, bid support, and construction support services for the Riverwalk North Loop Trail.

#### Assumptions

- The overall bridge configuration (i.e. timber glu-lam girders with metal bridge grating on spread footings) is assumed to be identical to the previously completed 60% design. Changes in superstructure and/or substructure type will require a contract supplement.
- Specifications will conform to the WSDOT Standard Specifications for Road, Bridge, and Municipal Construction (WSDOT Standard Spec).
- Cost estimate will conform to the bid items contained within the WSDOT Standard Spec
- Supplemental data required for design like geotechnical, hydraulics and survey is by others and will be provided by Berger
- Berger will assemble the 90% & 100% PS&E for submittal
- Record documents are not required
- The basic configuration (bridge type, layout, design) for the Trestle Bridge North is assumed to be identical to the previously submitted design

#### Deliverables

- 90% PS&E for the South Trestle Bridge (pdf)
- 100% PS&E for the South Trestle Bridge (pdf)
- 10% preliminary design drawings and cost estimate for the Canopy Walk (pdf)

### **TASK NO. 3.0 – CIVIL ENGINEERING**

KPFF will provide civil engineering services in support of the larger project. Specific tasks include:



### *Task 3.1 – Riverwalk North Design*

KPFF will complete Construction Document plans, storm drainage report, specifications and construction cost estimate for the Riverwalk North trail. Anticipated design drawings for this task include:

- Civil Cover and General Notes
- Temporary Erosion and Sediment Control (TESC) Plans
- Paving and Horizontal Control Plans (3 sheets)
- Grading and Drainage Plans (3 sheets)
- TESC, Paving, and Drainage details

KPFF will also provide the following services:

- Provide comment on the JARPA application and drawings by others
- Address and respond to permit comments
- Answer questions and prepare amendments as required during the bidding phase
- Attend site visits and respond to RFIs and Submittals as required during the construction phase.

### *Task 3.2 – Canopy Walk Preliminary (10%) Design*

KPFF will provide preliminary design for up to three (3) alternatives for the Canopy Walk structure along the Snoqualmie River. Preliminary design of this structure will evaluate different structural alternatives and provide planning level cost estimates for these options. Anticipated design drawings include:

- Canopy Walk Layout Alternatives (3 drawings)

### *Task 3.3 (Add Alternate) – Riverwalk North Loop Trail*

KPFF will complete Construction Document plans, storm drainage report, specifications, construction cost estimate, bid support, and construction support services for the Riverwalk North Loop Trail.

#### Assumptions

- Water quality treatment for stormwater runoff will not be required
- Stormwater flow control will not be required
- Civil drawings will not be required for the JARPA permit
- Specifications will conform to the WSDOT Standard Specifications for Road, Bridge, and Municipal Construction (WSDOT Standard Spec)
- Cost estimate will conform to the bid items contained within the WSDOT Standard Spec
- Berger will assemble the deliverables for submittal
- Record Documents will not be required

#### Deliverables

- 10% Coordination Set for Riverwalk North (pdf)
- 90% PS&E for Riverwalk North (pdf)

- 100% PS&E for Riverwalk North (pdf)
- Bid Set for Riverwalk North
- 10% preliminary design drawings and cost estimate for the Canopy Walk (pdf)

## Fee Estimate Worksheet

Date: 3/6/2023

Project: Snoqualmie Riverwalk Phase 1 restart

	Berger				Berger Total	Subconsultants							Sub Total incl. Mark-up
	Principal	PM	LA Staff	Admin		ESA	KPFF Civil	KPFF Structural	KPFF Survey	AESI	NHC	Watershed	
	AM	JF	BM	CG									
<b>Task 1: Riverwalk North 10% Design</b>													
Project management	8	16			\$4,200.00	\$3,084.00	\$21,709.17	\$21,104.17	\$7,000.00	\$10,000.00	\$5,000.00	\$13,750.00	\$89,812.07
Team coord calls (bi-weekly = 6)	9	9			\$3,375.00								\$0.00
Cultural resource coord - DAHP NRHP eligibility	4	12			\$2,700.00	\$3,806.00							\$4,186.60
Shoreline permitting / Critical Areas coordination / SEPA (project based)	6	16			\$3,750.00								\$0.00
Site visit with project team members	4	4			\$1,500.00								\$0.00
Confirm trail design / update layout plans	4	16	16		\$5,220.00								\$0.00
Revise mitigation planting / site restoration sheets	2	6	12		\$2,790.00								\$0.00
Update site details	1	4	6		\$1,545.00								\$0.00
Coordinate Structural details	4	12			\$2,700.00								\$0.00
Coordinate Civil / drainage scope	2	12			\$2,250.00								\$0.00
Update Cost Estimate	1	4	4		\$1,305.00								\$0.00
Update Specifications	1	4		4	\$1,245.00								\$0.00
Review mtg w/ City	3	3			\$1,125.00								\$0.00
<b>Totals</b>	<b>49</b>	<b>118</b>	<b>38</b>	<b>4</b>	<b>\$33,705.00</b>	<b>\$6,890.00</b>	<b>\$21,709.17</b>	<b>\$21,104.17</b>	<b>\$7,000.00</b>	<b>\$10,000.00</b>	<b>\$5,000.00</b>	<b>\$13,750.00</b>	<b>\$93,998.67</b>

**Task 1 Total \$127,703.67**

### Task 2: Riverwalk North 90% Design

Project management	8	24			\$5,400.00		\$21,709.17	\$21,104.17				\$18,170.00	\$67,081.67
Team coord calls (bi-weekly = 8)	12	12			\$4,500.00								\$0.00
Coordinate Cultural Resources	2	4			\$1,050.00								\$0.00
Coordinate Critical Areas	6	16			\$3,750.00								\$0.00
Compile drawing set / cover sheet	1	4	6		\$1,545.00								\$0.00
Update trail layout plan		4	8		\$1,560.00								\$0.00
Update site restoration plans	2	4	8		\$2,010.00								\$0.00
Update site details	2	4	8		\$2,010.00								\$0.00
Compile & submit permit set	2	12	4		\$2,730.00								\$0.00
Revise cost estimate	1	4	6		\$1,545.00								\$0.00
Revise specifications		4		6	\$1,230.00								\$0.00
Review mtg w/ City	3	3			\$1,125.00								\$0.00
<b>Totals</b>	<b>39</b>	<b>95</b>	<b>40</b>	<b>6</b>	<b>\$28,455.00</b>	<b>\$0.00</b>	<b>\$21,709.17</b>	<b>\$21,104.17</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$18,170.00</b>	<b>\$67,081.67</b>

**Task 2 Total \$95,536.67**





Date: 3/6/2023

## Fee Estimate Worksheet

Project: Snoqualmie Riverwalk Phase 1 restart

	Berger					Subconsultants							
	Principal	PM	LA Staff	Admin		ESA	KPFF Civil	KPFF Structural	KPFF Survey	AESI	NHC	Watershed	
	AM	JF	BM	CG	Berger Total								Sub Total incl. Mark-up
Task 6: Develop alternate trail loop													
Project management	8	12			\$3,600.00	\$0.00	\$25,500.00	\$23,740.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54,164.00
Prepare additional layout and restoration sheets	2	16			\$2,850.00								
Cost estimate revisions & detail support	2	8		4	\$2,070.00								\$0.00
Totals	12	36	0	4	\$8,520.00	\$0.00	\$25,500.00	\$23,740.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54,164.00
Task 7 Total													\$62,684.00
Project Totals	235	585	230	14	\$146,640.00	\$6,890.00	\$103,167.51	\$101,812.51	\$7,000.00	\$10,000.00	\$5,000.00	\$31,920.00	\$292,369.02
Reimbursable Expenses (Berger)					\$1,000.00								
Project Total Tasks 1 - 6													\$440,009.02

## Fee Estimate Worksheet

Date: 3/6/2023

Project: Snoqualmie Riverwalk Phase 1 restart

	Berger				Berger Total	Subconsultants						Sub Total incl. Mark-up	
	Principal	PM	LA Staff	Admin		ESA	KPFF Civil	KPFF Structural	KPFF Survey	AESI	NHC		Watershed
	AM	JF	BM	CG									
Task 7: Canopy walk predesign													
Project management	8	12			\$3,600.00	\$3,084.00	\$15,302.50	\$20,222.50	\$7,000.00		\$5,000.00	\$4,525.00	\$60,647.40
Kick off meeting to discuss / confirm project program and overall vision	4	4			\$1,500.00								\$0.00
Site walk with ESA / team	4	4			\$1,500.00								\$0.00
Owner review meetings (3?)	6	6			\$2,250.00								\$0.00
Team meetings (4?)	8	8			\$3,000.00								\$0.00
Stakeholder outreach - 2 panel meetings	12	12			\$4,500.00								\$0.00
Community open house	12	12			\$4,500.00								\$0.00
Coordination with Town Center 3	2	12			\$2,250.00								\$0.00
Attend 1 City Council update mtg	4				\$900.00								
Cultural resource coord - research and field work	2	8			\$1,650.00	\$17,922.00							\$19,714.20
Critical areas coordination w/ Watershed	8	8			\$3,000.00								\$0.00
Conceptual layout plan	4	12	16		\$4,620.00								\$0.00
Develop structural strategy / mitigation strategy w team	4	12			\$2,700.00								\$0.00
Prepare preliminary design details	4	12	16		\$4,620.00								
Develop graphic site plan / sections / rendering for open house	2	8	24		\$4,530.00								\$0.00
Rough order magnitude cost estimate	2	8	12		\$3,090.00								
Narrative / report	2	8		4	\$2,070.00								\$0.00
Totals	88	146	68	4	\$50,280.00	\$21,006.00	\$15,302.50	\$20,222.50	\$7,000.00	\$0.00	\$5,000.00	\$4,525.00	\$80,361.60

**Task 7 Total \$130,641.60**



# Snoqualmie Riverwalk Project Cultural Resources Support

## SCOPE OF WORK

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### Project Description

The Berger Partnership has asked ESA to assist with cultural resources support for two portions of the City of Snoqualmie's (City) Snoqualmie Riverwalk Project (Project): the Riverwalk North area and the Canopy Walk Predesign area, as shown on Figure 1 and Figure 2. The City anticipates receiving a grant from the Land and Water Conservation Fund through the Washington State Recreation and Conservation Office (RCO), however the City has not received this State funding yet. This scope assumes that the Project will require compliance with Washington State Governor's Executive Order 21-02 once state funds are received. ESA has scoped the deliverables herein to meet the 21-02 reporting standards for the City's future compliance needs.

The Riverwalk North area is currently at 10% design phase. This location includes the grade of a historic-era railroad trestle. The City is considering removing all or portions of this site. The area has already been subject to cultural resources survey (Valentino et al. 2018), however not NRHP eligibility determination has been made for the site to date. The Canopy Walk Predesign area has not been subject to a cultural resources survey to date. This scope of work describes the task that ESA will provide and the assumptions, deliverables and schedule associated with each.

### Project Tasks

#### Task 1 — Contract Management and Team Coordination

ESA will coordinate with the Berger Partnership regarding progress, budget, and schedule and provide brief monthly progress reports and invoices for the duration of the contract. This task includes time for meeting with the Berger Partnership, City, and internal ESA team.

#### Deliverables:

- Attendance at conference calls with the City, Berger Partnership, as needed.
- Up to 8 monthly invoices with brief progress reports.

#### Assumptions:

- The Project is anticipated to last up to 8 months from Notice to Proceed to closeout.

## Task 2 — Riverwalk North

A cultural resources assessment conducted in 2018 included the Riverwalk North location; survey methods included pedestrian (surface) and subsurface shovel probes (Valentino et al. 2018). The survey identified one archaeological site in this location: the previously recorded Old Northern Pacific spur into the Weyerhaeuser Mill (45-KI-546) and a site update form was completed and submitted to the Washington State Department of Archaeology and Historic Preservation (DAHP). As part the 2018 assessment, the City requested that a National Register of Historic Places eligibility recommendation be deferred and that the site's eligibility would be determined during consultation between the City, the Snoqualmie Indian Tribe, DAHP, the Governor's Office of Indian Affairs, and other consulting parties (Valentino et al. 2018).

For this task, ESA will review the existing documentation and conduct supplemental archival research as necessary to prepare a NRHP eligibility recommendation for archaeological site 45-KI-546. ESA will document the eligibility recommendation in Technical Memo to assist the City with pursuing a determination of eligibility.

### **Deliverables:**

- One Draft Technical Memo (Word) and one Final Technical Memo (PDF).

### **Assumptions:**

- The Project will require a NRHP eligibility determination for archaeological site 45-KI-546 (the Old Northern Pacific spur into the Weyerhaeuser Mill), in order to assess the Project's potential impacts.
- No additional survey is needed. All construction staging for the Riverwalk North location will be on City-owned land.

## Task 3 — Canopy Walk Predesign

The Canopy Walk Predesign area has not yet been subject to a cultural resources survey. Under this task, ESA will conduct archival research to identify recorded and potential for unrecorded archaeological resources within the Project Area as well as a desktop review to identify any historic resources (buildings or structures 50 years or older in 2023 when the Project is estimated to start) on parcels adjacent to the Project Area. ESA will also review Project-specific environmental and geological background information for the location to inform the potential for encountering archaeology.

ESA will conduct a surface and subsurface archaeological survey of the Project Area. Prior to survey, ESA will request tribal knowledge of the Canopy Walk location from the Snoqualmie Indian Tribe via emailed letter to the Tribe's Department of Archaeology and Historic Preservation. ESA will invite the Snoqualmie Indian Tribe Department of Archaeology and Historic Preservation staff via email to observe the field survey. To comply with Washington State law, ESA will request a public utility locate prior to any subsurface survey. Subsurface survey will be conducted using up to 16 hand-dug shovel probes advanced to 3.28 feet (1 meter). ESA will screen spoils through ¼-inch hardware mesh and record probe locations using GPS. Probes will be backfilled immediately upon termination.

Based on a preliminary review of King County Assessor and DAHP records, there are 7 historic resources (buildings and structures) over 50 years old on parcels immediately abutting the Project Area. ESA will complete up to 7 DAHP historic property inventory (HPI) forms. Each resource will be evaluated for its potential eligibility to be listed in the NRHP, per



National Register Bulletin No. 15 *How to Apply the National Register Criteria for Evaluation*. ESA will summarize the survey findings in a Technical Report. The report will meet the current DAHP reporting standards.

## **Deliverables:**

- One Draft Technical Report (Word) for simultaneous review by the Berger Partnership and City, and Snoqualmie Indian Tribe (if requested).
- One Final Report (PDF) for submittal to the DAHP under the direction of the City. ESA will submit the WISAARD project activity for review by DAHP, and the City will notify DAHP and the Snoqualmie Indian Tribe that the report is ready for review.
- Up to 7 DAHP historic property inventory forms.

## **Assumptions:**

- The archaeological resources study area will be a 1-mile radius of the Project Area. The aboveground historic resources (buildings, structures, and objects) study area will consist of the Project Area and immediately adjacent parcels.
- The Berger Partnership will provide ESA with current design plans and a project description that includes potential construction methods and maximum potential depths of ground disturbance.
- The City will provide rights-of-entry for the survey, if needed.
- The project area is readily accessible by public utility locators and ESA will not need to meet locators on-site. ESA will spray the project area in advance of requesting the public utilities locate. The locate is required prior to fieldwork, pursuant to RCW 19.122 "Underground Utilities," which requires notification to the Utility Notification Center as designated by the Washington Utilities and Transportation Commission, within 2-10 business days before digging.
- Fieldwork will require one 10-hour field day for a crew of two people.
- The construction methods for the trail have not been selected yet and may require pin piles, footings, and/or cables. The Project may involve planting restoration in addition to the elevated trail. The entire Canopy Walk Predesign Project Area will require survey to provide flexibility as the design develops.
- All construction staging will be on City-owned property, likely Riverview Park.
- There are 7 historic resources requiring inventory based on preliminary review of King County Assessor and DAHP records. If additional inventories are needed, an amendment may be necessary.
- If archaeological sites, isolates, or human remains are identified, an amendment may be necessary. Artifacts, if encountered, will be photographed and described and then reburied at their location of discovery. Preparation of site or isolate forms, or delineation testing will require an amendment.

## **References**

Valentino, Alicia, Katherine F. Wilson, Chris Lockwood, Bryan Hoyt, Paula Johnson, and Amber Grady. 2018. *Snoqualmie Riverwalk Project, Phase I, King County, Washington - Cultural Resources Assessment*. Prepared for the City of Snoqualmie and submitted to The Berger Partnership by ESA, Seattle. On file, ESA, Seattle.

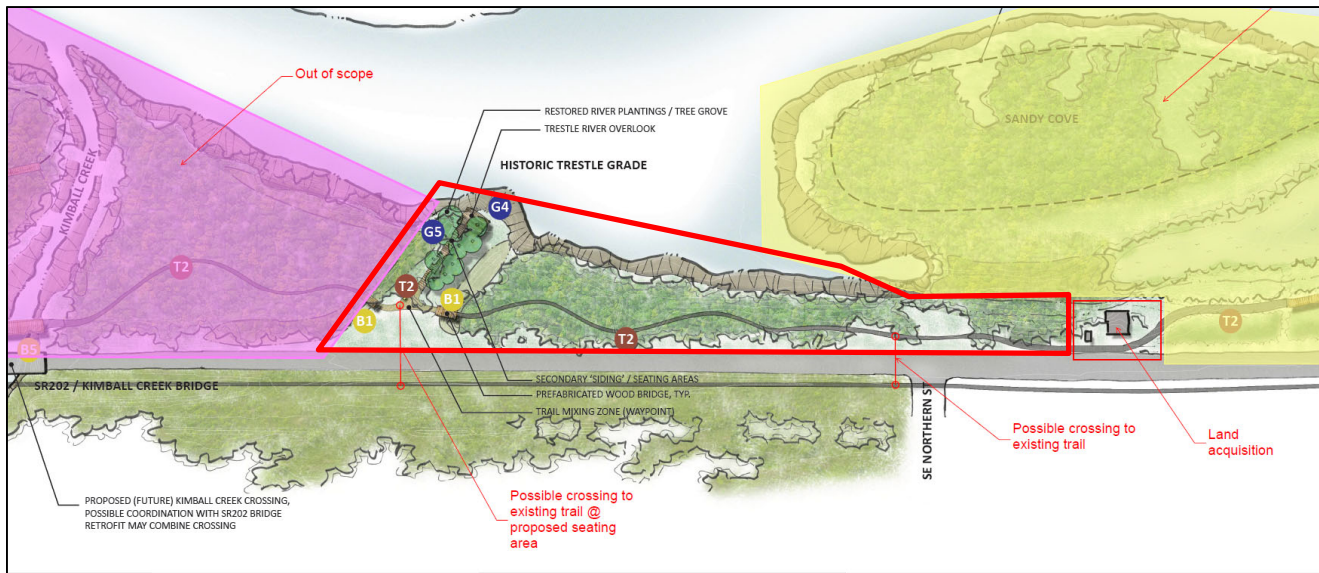


Figure 1. Approximate boundaries of the Riverwalk North area (in red).

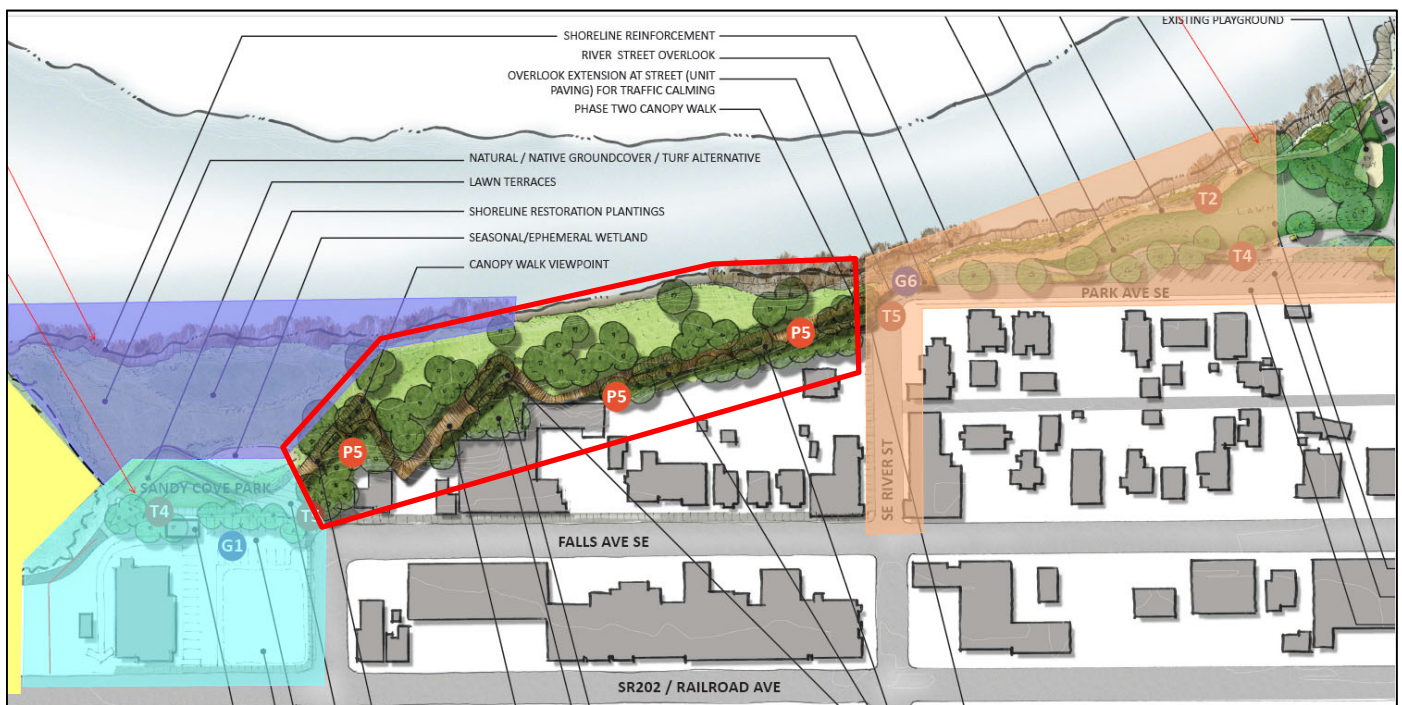


Figure 2. Approximate boundaries of the Canopy Walk Predesign area (in red). Note, immediately adjacent buildings and structures over 50 years in age may require inventory.

ESA Labor Detail and Expense Summary

Employee Names									Total Hours	Labor Price
Labor Category		Chris Lockwood	Katie Wilson	Meagan Scott	Bryan Hoyt	Kate Hannah	Andy Wilson	Peter Carr	Susan Bjork	
		Project Director	Project Manager	Architectural Historian	Senior Archaeologist	Archaeologist, Historian	GIS Analyst	Technical Editor	Project Accountant	
		Principal Consultant 3	Managing Consultant 1	Senior Consultant 1	Senior Consultant 2	Associate Consultant 1	Associate Consultant 3	Senior Consultant 4	Project Technician 4	
Task #	Task Name/Description	\$239	\$180	\$140	\$153	\$128	\$146	\$181	\$136	
1	Contract Management and Team Coordination	4	10	2	2	2		1	10	31.00 \$ 5,139
2	Riverwalk North	2	8		4	6	1	2		23.00 \$ 3,806
3	Canopy Walk Predesign	6	8	30	32	34	6	4		120.00 \$ 17,922
Total Hours		12	26	32	38	42	7	7	10	174
Total Labor Costs		\$ 2,868	\$ 4,680	\$ 4,480	\$ 5,814	\$ 5,376	\$ 1,022	\$ 1,267	\$ 1,360	\$ 26,867
Percent of Effort - Labor Hours Only		6.9%	14.9%	18.4%	21.8%	24.1%	4.0%	4.0%	5.7%	100.0%
Percent of Effort - Total Project Cost		10.3%	16.8%	16.1%	20.8%	19.3%	3.7%	4.5%	4.9%	96.3%

PROJECT COST ESTIMATE SUMMARY TABLE		
ESA Labor Cost	\$	26,867
ESA Labor Data Management Fee ----->	3%	\$ 806
ESA Non-Labor Expenses		
Reimbursable Expenses (see Attachment A for detail)	\$	153
ESA Equipment Usage (see Attachment A for detail)	\$	70
Subtotal ESA Non-Labor Expenses	\$	223
Subconsultant Costs (see Attachment B for detail)	\$	-
PROJECT TOTAL	\$	27,896

## Attachment A

### Cost Proposal: ESA Non-Labor Expenses Summary

#### Reimbursable Expenses

Mileage		\$	153
Subtotal Reimbursable Expenses		\$	153
0%	Fee on Reimbursable Expenses	\$	-
<b>Total Reimbursable Expenses</b>		<b>\$</b>	<b>153</b>

#### ESA Equipment Usage

##### General Equipment:

Tablet GPS		\$	70
<b>Total Equipment Usage Costs</b>		<b>\$</b>	<b>70</b>

Snoqualmie Riverwalk - fee breakdown

	KPFF Civil Eng	KPFF Structural Eng
Total fees w/out admin	\$112,005.00	\$115,570.00
Canopy walk	\$12,070.00	\$16,990.00
Admin fees	\$3,232.50	\$3,232.50
Total	\$15,302.50	\$20,222.50
Riverwalk North	\$61,895.00	\$60,080.00
Alternate loop trail	\$25,500.00	\$23,740.00
Bid services	\$3,140.00	\$4,040.00
Construction Services	\$9,400.00	\$10,720.00
Admin fees	\$3,232.50	\$3,232.50
Total	\$103,167.50	\$101,812.50
Back check total project fees	\$118,470.00	\$122,035.00
CD's per phase w/ Admin time (3 phases)	\$21,709.17	\$21,104.17

3/15/2023

Reference Totals

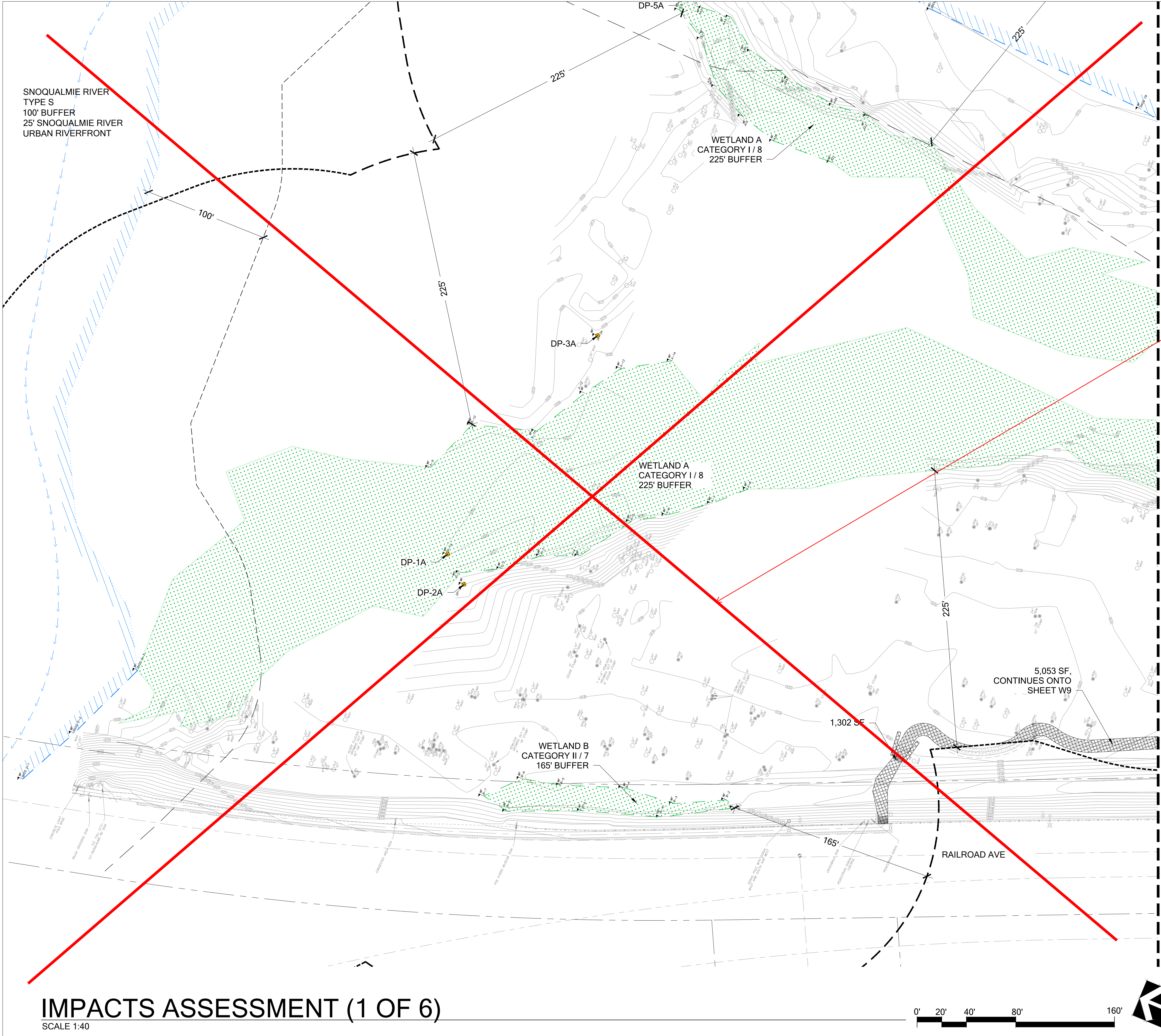
\$115,570.00

\$12,930.00

\$12,930.00


\$240,505.00





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  - APPROXIMATE OHWM
  - SHORELINE BUFFER
  - APPROXIMATE SHORELINE BUFFER
  - DATA POINT

No work  
this area



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# SNOQUALMIE RIVERWALK

## IMPACTS ASSESSMENT

### PREPARED FOR: THE BERGER PARTNERSHIP

SNOQUALMIE, WASHINGTON  
KING COUNTY

SUBMITTALS & REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	07-25-2017	REVIEW SET	KMB

**SHEET SIZE:**  
ORIGINAL PLAN IS 22" x 34".  
SCALE ACCORDINGLY.

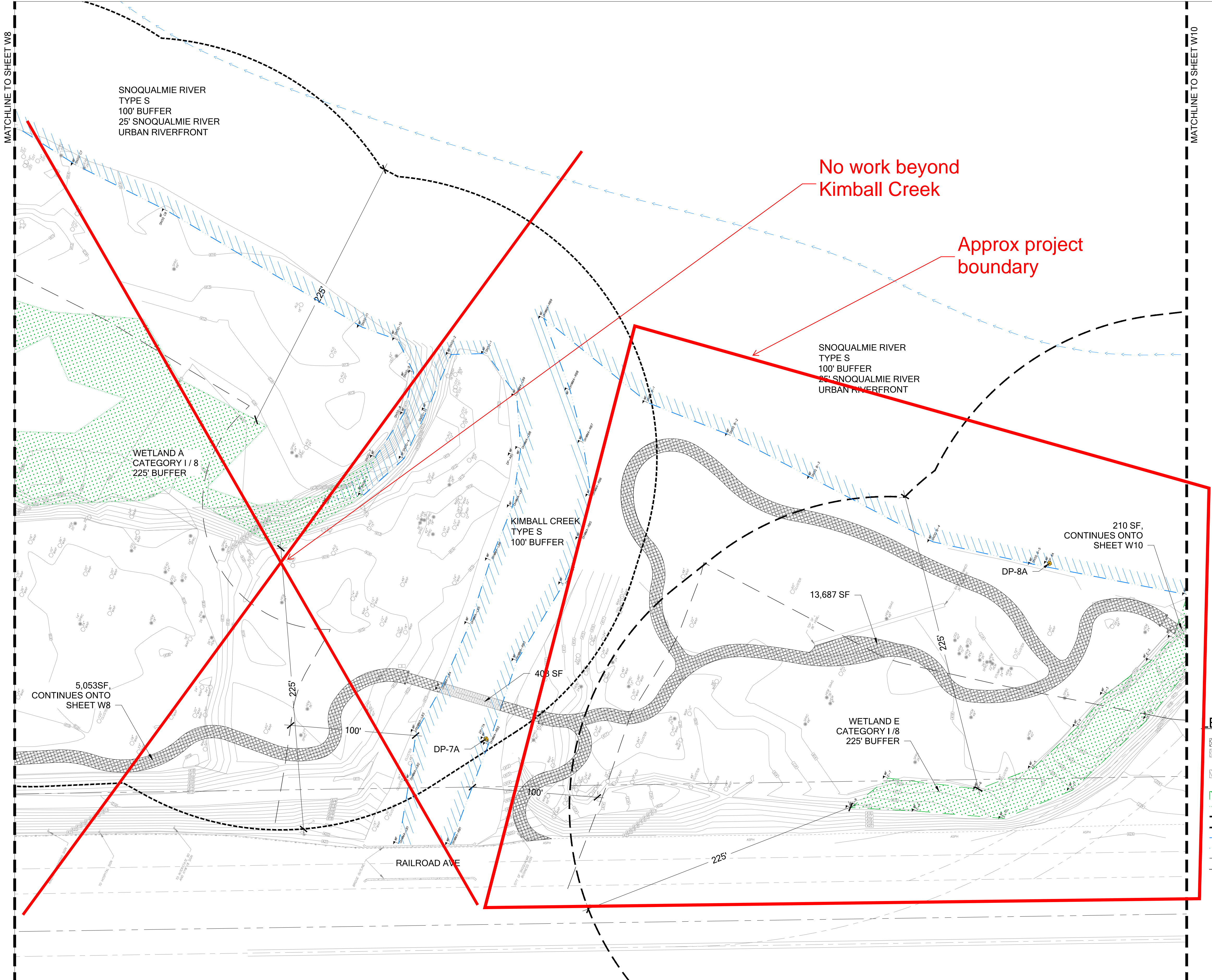
**PROJECT MANAGER:** JC  
**DESIGNED:**  
**DRAFTED:** KMB  
**CHECKED:** SS  
**JOB NUMBER:**  
**151111**  
**SHEET NUMBER:**  
**W8 OF 13**

DATE

PRINTED BY

FILENAME

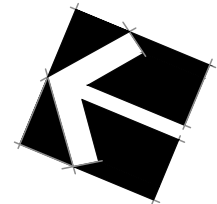




# IMPACTS ASSESSMENT (2 OF 6)

SCALE 1:40

0' 20' 40' 80' 160'



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SNOQUALMIE, WASHINGTON  
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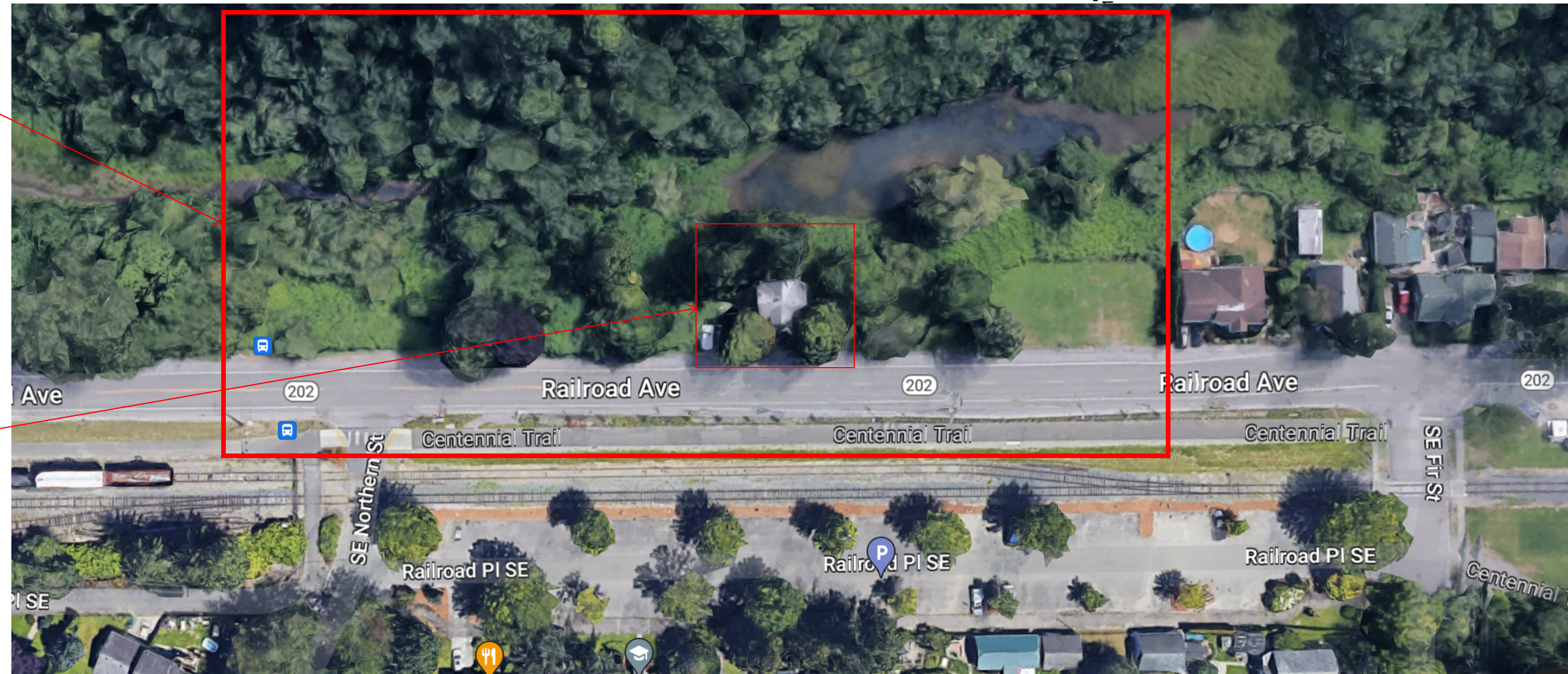
W9 OF 13



MATCHLINE TO SHEET W9

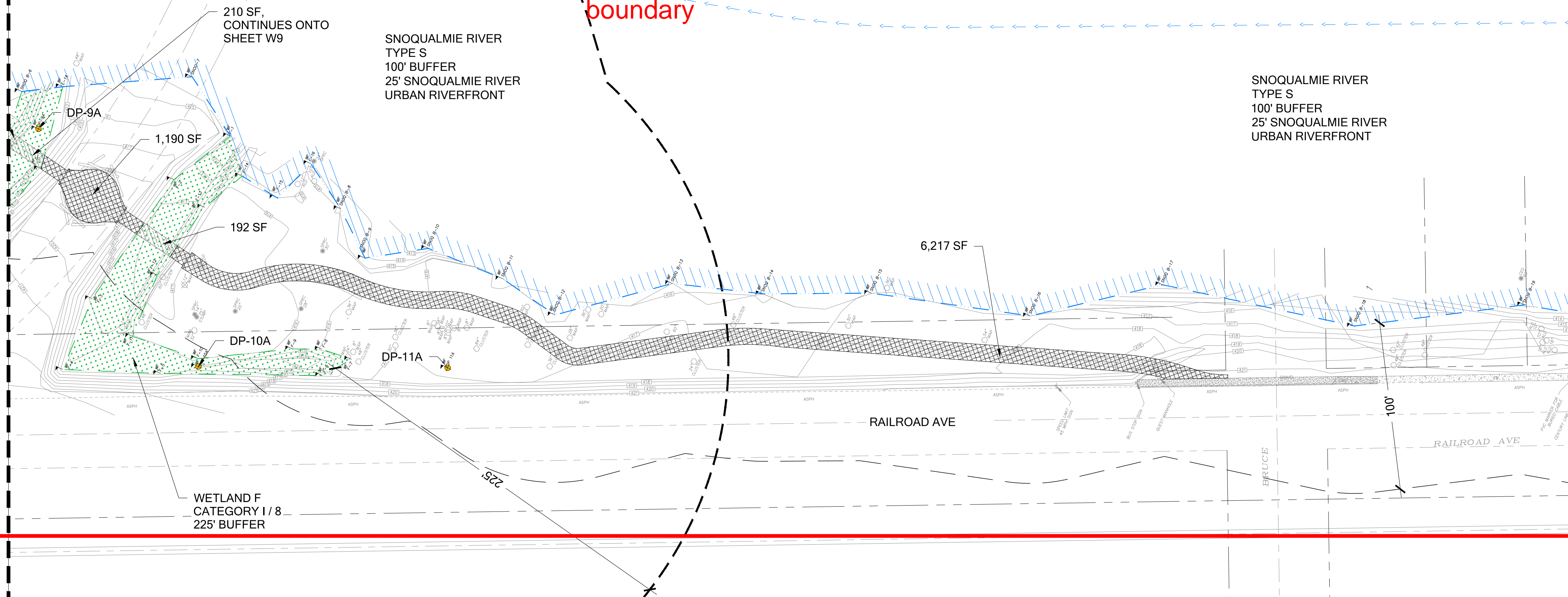
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City has acquired this home, part of project area now.



Project boundary continues onto sheet 4 of this series. (See inset above).

Approx project boundary



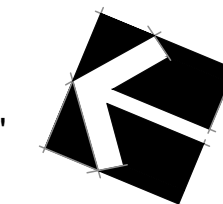
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## IMPACTS ASSESSMENT (3 OF 6)

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JOB NUMBER:

151111

SHEET NUMBER:

W10OF 13



February 22, 2023

Andy Mitton  
Berger Partnership  
Via email: andym@bergerpartnership.com

## Re: Proposal for Environmental Consulting Services

The Watershed Company Reference Number: 221121

Dear Andy:

Thank you for requesting a proposal for environmental consulting services to support next steps on the Snoqualmie Riverwalk project. We would be pleased to assist you with an update to the Riverwalk North segment findings and the Canopy Walk trail segment. The Riverwalk North study area is depicted on 10-2017 *Snoqualmie Riverwalk Delineation & Impacts Assessment* map sheets W9, W10 and W11. The Canopy Walk study area is depicted on map sheet W12. The study areas are in unincorporated King County (parcels #302408-9099; 784920-2940, -0405, -0410, -0420, -0425, -0430, -0435, -0440; 785020-0030, -UNKN). Under this proposal, we will conduct the Scope of Services described below.

### Scope of Services:

#### Task 1. Stream & Wetland Study

**\$13,750**

1. Review the 10-2017 *Critical Areas Report for the Snoqualmie Riverwalk, Phase I* project (2017 CAR), including the *Snoqualmie Riverwalk Delineation & Impacts Assessment* map set. Review current site plans with Berger Partnership team.
2. Conduct up to three site visits to the approximately 7.4-acre Riverwalk North study area and the approximately 2-acre Canopy Walk study area to review 10-2017 stream and wetland mapping on-file relative to present site conditions. Wetland and stream determination methods will be consistent with the definition(s) and requirements of local, state, and federal agencies.
  - a. Riverwalk North: Fieldwork covers impact areas shown on the 10-2017 *Snoqualmie Riverwalk Delineation & Impacts Assessment* map sheets W9 (south of Kimball Creek), W10 and W11. This includes verification of prior delineation

work for the Snoqualmie River, Kimball Creek (South bank), and Wetlands E and F. The previous estimation of Wetland H below the Ordinary High Watermark of the Snoqualmie River will also be reviewed.

- b. Canopy Walk: Fieldwork covers impact areas shown on the 10-2017 *Snoqualmie Riverwalk Delineation & Impacts Assessment* map sheet W12. This includes verification of prior delineation work for the Snoqualmie River, Wetland J, and the southern end of Wetland H.
3. During fieldwork, sketch and note potential mitigation areas for discussion with the project team.
4. Prepare a field sketch that indicates the location(s) of new delineation flags for use by surveyors.
5. Review and update as needed the wetland classifications on-file (reference the 2017 CAR). Wetlands in King County are currently classified according to the 2014 *Western Washington Wetland Rating System* (Ecology Publication 14-06-029).
6. Update the 10-2017 Critical Areas Report to document new fieldwork and summarize our existing conditions findings, including any regulatory updates and required buffer widths.

**Task 2. Riverwalk North – Shoreline Permit Support** **\$18,170**

1. Consult with you on mitigation opportunities observed on-site and candidate plant schedules. Review and comment on the draft mitigation plan (provided by you). (Up to 16 hours in total allocated.)
2. Update the 10-2017 Critical Areas Report to include the updated site plans, impact assessments and mitigation plan. A code compliance section will be added to the report to give a project-specific analysis.
3. Prepare a FEMA Habitat Assessment report.
4. SEPA checklist support: Complete water, plants and animals sections of a project specific SEPA checklist.
5. Complete a Shoreline Substantial Development permit application form.
6. Complete a JARPA form for the project.
7. Complete a Hydraulic Project Approval (HPA) application for WDFW.

**Task 3. Canopy Walk – Preliminary Project Permit Memorandum      \$4,525**

1. Prepare a permit summary technical memorandum that gives an overview of the anticipated project impacts, estimated mitigation requirements, and associated permitting requirements.
2. One meeting with the project team to review findings and next steps (if requested).
3. Attend one pre-application meeting with King County staff (if requested).

The Scope of Services (above) is based upon Project Assumptions, below. In the event that any facts or events differ from such assumptions, the Scope of Services and fees shall be adjusted accordingly.

**Proposal Assumptions:**

1. *Access permission for the study area will be obtained by the client.*
2. *Unless specifically outlined in the scope of work as a separate task, the waterward edge of lake fringe wetlands will not be delineated. Good faith estimates of waterward edges and wetland size may be reported based on aerial photos, available bathymetry and property access. However, variability/seasonality and disturbance in aquatic vegetation, in-water access and private property access may limit the accuracy of such estimates.*
3. *Deliverables will be provided as PDF files and email format.*
4. *The following services/deliverables are not included: permit submittals and permit fees; or mitigation plan. These can be added, if necessary, under a separate agreement. It is our assumption The Berger Partnership will provide all necessary plan sheets.*
5. *Basic project details necessary to complete shoreline permit documents will be provided to us by the project team.*
6. *This proposal assumes both direct wetland impacts and in-water work will be avoided. Therefore, no Corps permitting, and neither a No effect letter nor a Biological Evaluation are included. Those tasks may be added on a time and materials basis or under a separate proposal.*
7. *This proposal does not include a Professional Land Survey.*
8. *Issuance of permits is not guaranteed.*
9. *This proposal includes general coordination time via email and phone. In-person meetings with you and/or regulatory agencies are not included, but can be added, if necessary, under a separate agreement.*
10. *Comments from local, state, federal, or tribal entities, including third-party review consultants, related to our documentation may be subjective in nature and are therefore not predictable. Responses to comments/questions or revisions to permit documents are not included in this proposal and can be completed on a time-and-materials basis or under a separate proposal.*

*11. No work outside of this contract will be undertaken without prior notification to the client.*

Our fee for this Scope of Services is detailed in the Scope of Services Agreement (enclosed). Please sign the agreement and return this proposal to authorize this work and proceed. Please call if you have any questions or if we can provide you with any additional information.

Sincerely,



Nell Lund, PWS  
Senior Ecologist

**Approved by:**



Kenny Booth, AICP  
Principal / Senior Planner

*Enclosures:*

1. Scope of Services Agreement
2. Study Area Maps



Date:	February 22, 2023
Project/Client Name:	Mitton, A., Berger Partnership
Parcel(s) #:	3024089099, 7850200030, 785020UNKN
TWC #:	221121

#### Scope of Services Agreement

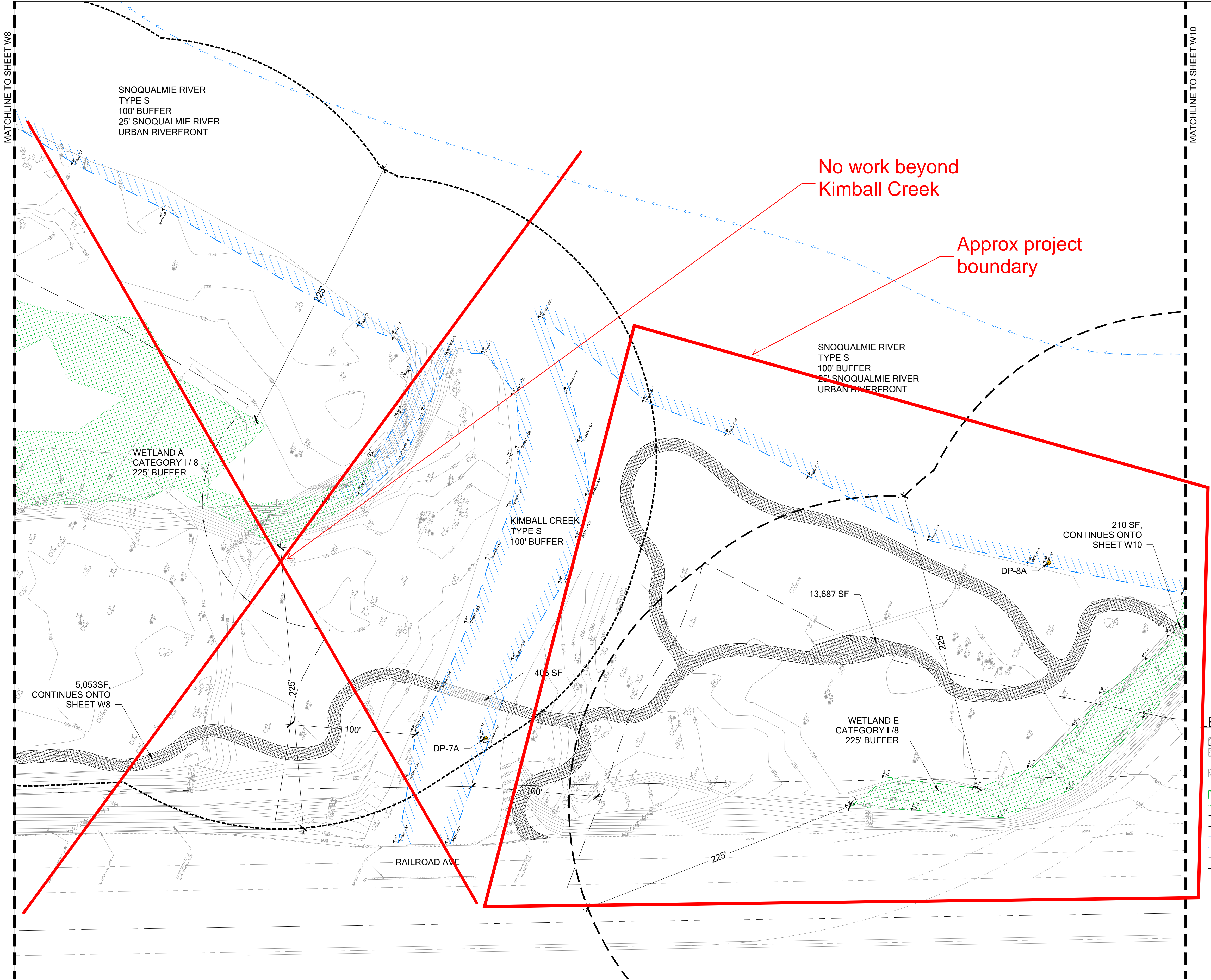
- This Agreement represents the entire and integrated agreement between The Watershed Company and the Client and supersedes all prior negotiations, representations or agreements, either written or oral.
- The Watershed Company will be entitled to rely on the adequacy and accuracy of information provided by Client or Client's consultants and representatives. The Watershed Company shall not be responsible for the acts or omissions of the Client, Owner, Contractors, other consultants and their respective agents or employees, or any other persons or entities performing work on the Project who are not under the direct control or authority of The Watershed Company.
- The Watershed Company's services shall be limited to those expressly set forth in the attached Scope of Services and Proposal Assumptions (above), and the Watershed Company shall have no other obligations or responsibilities for the Project or to the Client except as agreed to in writing or as provided in this Agreement. All of The Watershed Company's services in any way related to the Project or Client shall be subject to the terms of this Agreement.
- This Agreement does not guarantee successful securement of permits that may be needed/required for project construction or occupancy. Nor does this Agreement guarantee that deliverables described in the Scope of Services will be approved and/or agreed-upon by one or more regulatory agencies. Specific regulatory requirements vary greatly amongst agencies and reviewers such that code and regulation interpretation can be somewhat unpredictable. This Agreement is a good-faith effort to provide the services described in the Scope of Services; however, additional studies, revisions to prepare documents, responses to comments, meetings, and other scope items not covered under this Agreement may be required.
- Additional Services shall be subject to review and preauthorization by both Parties. Where The Watershed Company believes additional services are appropriate, it shall notify Client. Upon Client's written authorization, The Watershed Company may proceed with such services on a time-and-material basis to be paid by Client. Alternatively, additional services can be covered under a separate Agreement based on a new Scope of Services.
- The Watershed Company's services shall be provided consistent with and limited to the standard of care applicable to such services, which is that The Watershed Company shall provide its services consistent with the professional skill and care ordinarily provided by consultants practicing in the same or similar locality under the same or similar circumstances.
- The Watershed Company's services and deliverables are not a warranty or guarantee and The Watershed Company shall have no such obligation. Client shall provide appropriate contingencies for schedule and costs.
- The Watershed Company's services are intended for the Client's sole use and benefit and solely for the Client's use on the Project and shall not create any third-party rights. Except as agreed to in writing, The Watershed Company's services and work product shall not be used or relied on by any other person or entity, or for any purpose following substantial completion of the Project.
- Photographs taken by The Watershed Company and/or its agents and representatives, during any phase of the project, including site investigation, design, construction, monitoring, or after project completion, may be used for marketing and promotional purposes.
- This Agreement and any rights or deliverables hereunder may not be assigned or transferred without the written consent of both Parties.
- This unsigned Agreement is valid for a period of six months.
- If work conducted on the Project extends for a period of more than 18 months, hourly rates may be adjusted to reflect current rates.
- You may terminate our services at any time by notifying us in writing. However, we are entitled to all fees and expenses consistent with this Agreement before we receive notice of such termination and you agree to promptly pay for our services, expenses and disbursements on our behalf through the date of termination together with reasonable fees necessary to transfer or close your file.
- The Watershed Company files liens as accounts approach 90 days' delinquency.
- The undersigned is personally and individually responsible for payment of all charges accrued pursuant to this Agreement.
- The approval information supplied below is complete and accurate.

By signing below, the Client acknowledges and agrees to the attached Scope of Services and Project Assumptions (dated 2/22/2023), as well as the above Agreement. Our Services will be billed on a time and materials basis, with a not-to-exceed figure of \$36,445. We invoice on a monthly basis and accept payment by check, credit card or Automated Clearing House (ACH). Please refer to our website for details on electronic payments. By signing below, the Client agrees to provide payment for Services rendered upon receipt of invoice.

#### Approval Information (all fields required)

Client Name (print):	Client Signature:	Date:	Title:
Company (if applicable):	Email:	Phone:	Mobile:
Billing Address:		Is the signatory above the legal owner of the subject property? <input type="checkbox"/> Yes <input type="checkbox"/> No	

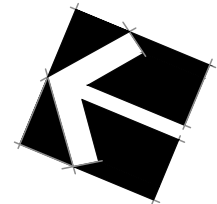




# IMPACTS ASSESSMENT (2 OF 6)

SCALE 1:40

0' 20' 40' 80' 160'



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- APPROXIMATE SHORELINE BUFFER
- DATA POINT



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## SNOQUALMIE RIVERWALK IMPACTS ASSESSMENT PREPARED FOR: THE BERGER PARTNERSHIP

SNOQUALMIE, WASHINGTON  
KING COUNTY

### SUBMITTALS & REVISIONS

NO.	DATE	DESCRIPTION	BY
1	07/25/2017	REVIEW SET	KMB

SHEET SIZE:  
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SCALE ACCORDINGLY.

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DESIGNED:  
DRAFTED: KMB  
CHECKED: SS

JOB NUMBER:

151111

SHEET NUMBER:

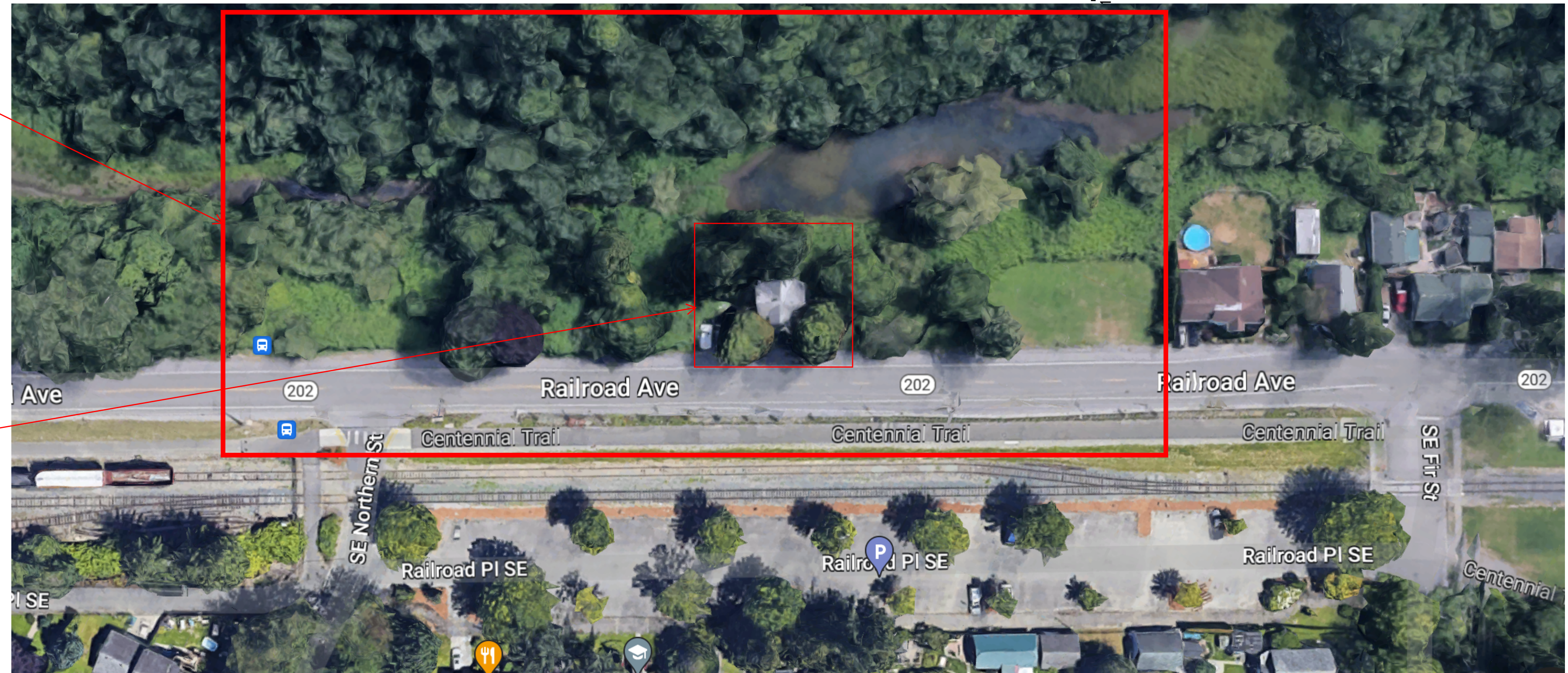
W9 OF 13



MATCHLINE TO SHEET W9

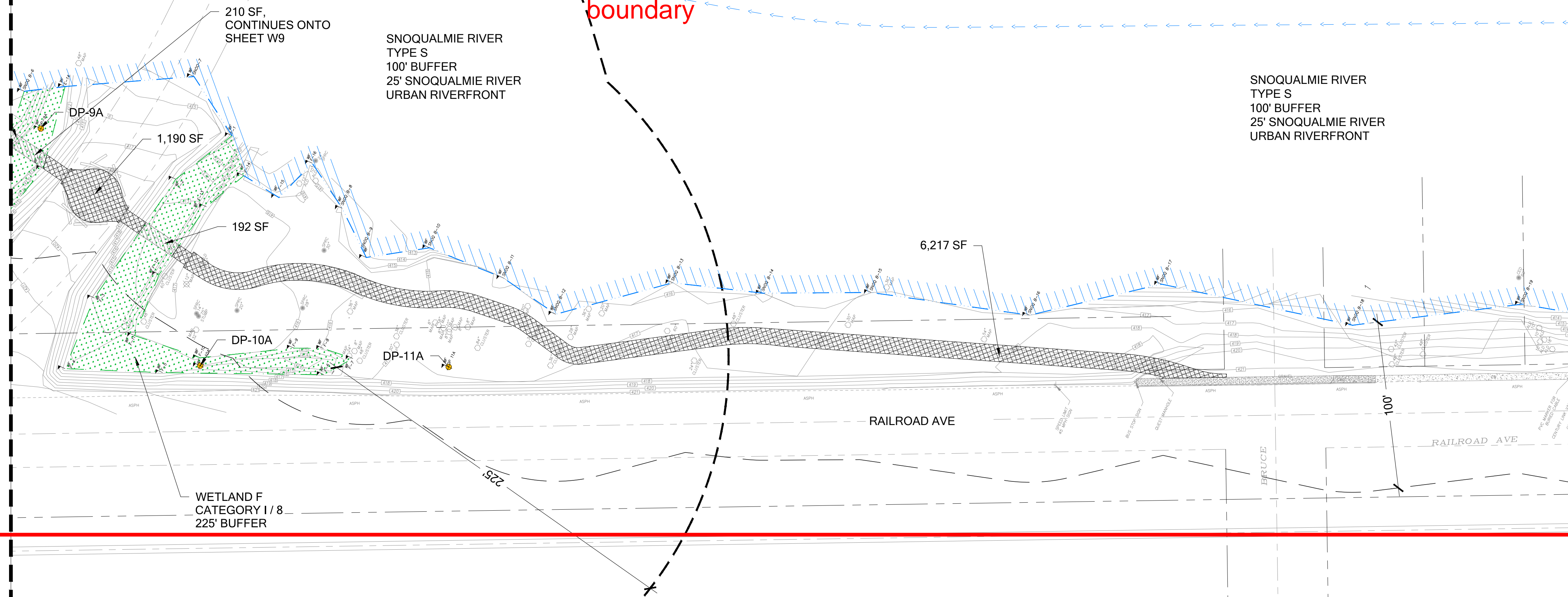
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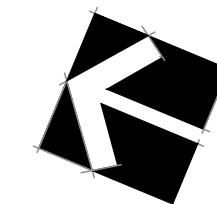
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## IMPACTS ASSESSMENT (3 OF 6)

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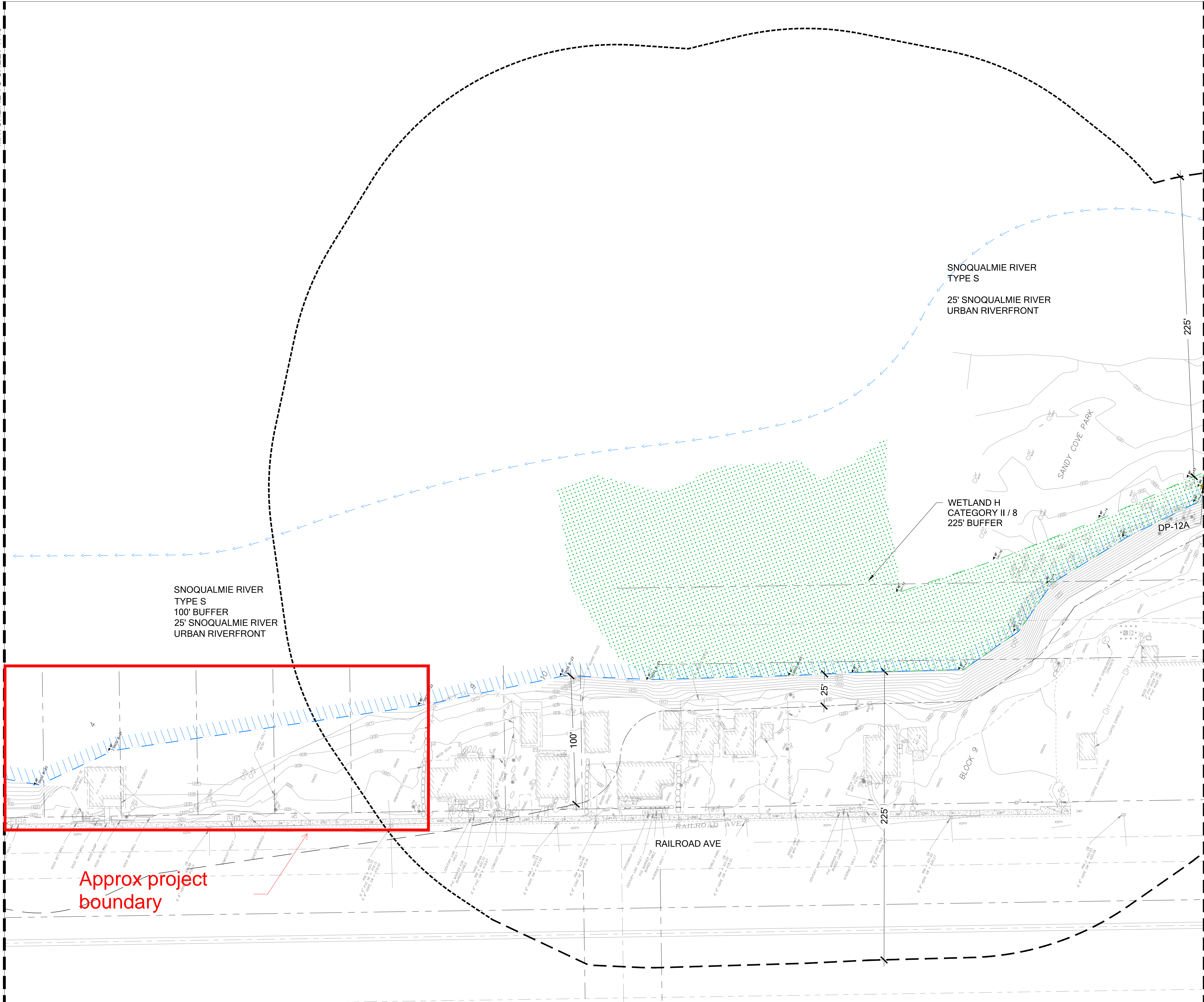
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MATCHLINE TO SHEET W12



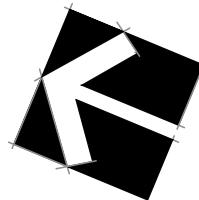
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IMPACTS ASSESSMENT (4 OF 6)

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SNOQUALMIE RIVERWALK  
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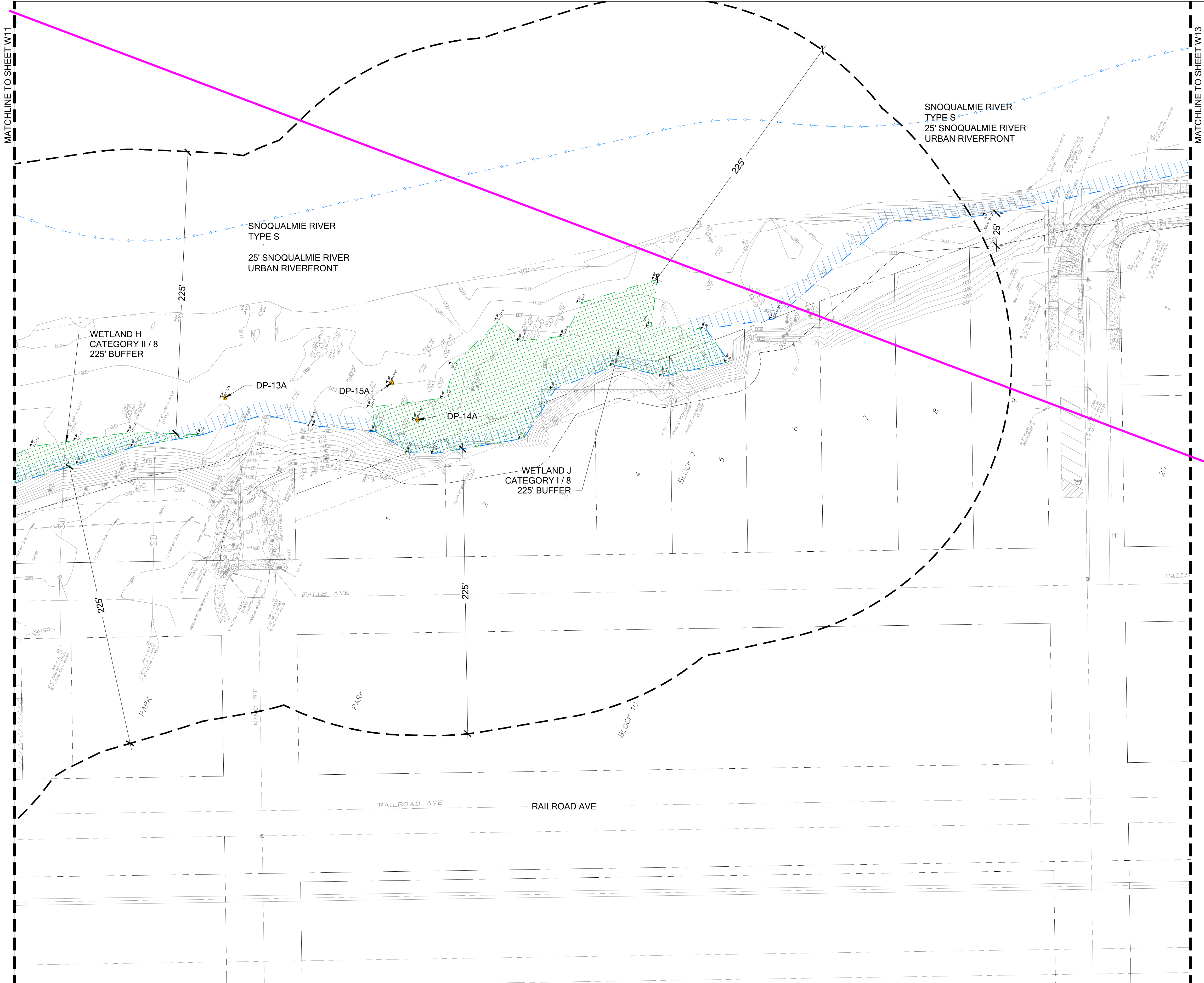
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SHEET NUMBER:

W11OF 13





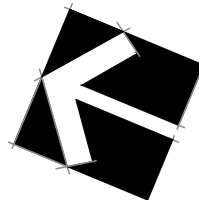
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IMPACTS ASSESSMENT (5 OF 6)

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W12OF 13