AGENDA

BOARD OF CLALLAM COUNTY COMMISSIONERS

223 East 4th Street Room 160

Port Angeles, Washington

Tuesday, March 14, 2023 – 10:00 a.m.

Board of Clallam County Commissioner meetings will also be available virtually at:

If you would like to participate in the meeting via Zoom audio only, call 253-215-8782 and use meeting ID: 875 561 7844 and passcode: 12345

If you would like to participate in the meeting via Zoom video conference, visit https://zoom.us/j/8755617844 and use meeting ID: 875 561 7844 and passcode: 12345

This meeting can be viewed on a live stream at this link: https://www.clallamcountywa.gov/669/Live-Archived-Meetings-Online

Public comment can be directed to the Clerk of the Board at 360-417-2256 or Loni.Gores@clallamcountywa.gov

CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL

REQUEST FOR MODIFICATIONS/APPROVAL OF AGENDA

PUBLIC COMMENT ? Please limit comments to three minutes (10 minutes total)

CONSENT AGENDA ? Any Commissioner may remove items for discussion

1a. Approval of vouchers for the week of March 6

Approval of vouchers

1b. Approval of payroll for the period ending February 28

Approval of payroll

1c. Approval of minutes for the week of March 6

Approval of minutes

1d. Letters of Support for Port of Port Angeles for additional hanger and expansion of fuel storage

Letter

REPORTS AND PRESENTATIONS

CONTRACTS AND AGREEMENTS

2a. Agreement with Center of Children & Youth Justice for Early Childhood Court Coordinator position

Agreement

2b. Agreement with Washington State University Extension for program services

Agreement

2c. Agreement amendment 1 with Cascadia Consulting Group, Inc. for Climate Action Plan

Agreement amendment 1

2d. Agreement with Clallam Economic Development Council

Agreement

ADMINISTRATION

3a. Purchase order for IT Department for network switch replacement

Purchase order

3b. Resolution appointing Anna K. Plager to the Park and Recreation Board

Resolution

3c. Resolution appointing Amy Miller to the Homelessness Task Force

Resolution

3d. Resolution appointing Timothy Fellin to the Peninsula Housing Authority Board

Resolution

COMMUNITY DEVELOPMENT

4a. Notice to call for bids to be received no later than Tuesday, April 4, 2023 at 10 a.m. for the McDonald Creek Fish Passage and Irrigation Improvement Project

notice to call for bids

BUDGET

5a. Notice that the following budget revisions will be adopted by Resolution on March 28:
Sheriff - Jail - Contracted costs for Norpoint Services to provide courthouse security for the month of February 2023/$19,140
Parks & Facilities - Capital Projects - Reallocation of funds for the repair project at Lake Pleasant/$50,000

Budget revisions

5b. Notice that the following supplemental appropriations will be adopted by Resolution on March 28:
Sheriff - Emergency Services - Expenditures and reimbursement revenue received from state contract E23-186 Emergency Management Preparedness Grant FY22/$46,132
Sheriff - Jail - Funds made available by the Washington State Legislature to assist law enforcement agencies with training costs/$7,191
Sheriff - Operations - Funds made available by the Washington State Legislature to assist

law enforcement agencies with training costs/$14,381
Superior Court - Funding from Health Resources & Services Administration (HRSA) grant to for a full-time Early Childhood Court Coordinator position/$85,000

Supplemental appropriations

5c. Resolution calling for a hearing to be held March 28 at 10:30 a.m. for the following debatable emergencies:
DCD Administration - Additional funding for a full-time Administrative Assistant II to Code Enforcement, ER&R vehicle lease/rent for additional employees, and training/$44,127
Prosecuting Attorney - Coroner - Funding approved in 2022 budget for a copier dedicated to the Coroner Division/$13,370
NonDepartmental - Funding for Greenhous Gas Inventory/$25,717

Debatable emergencies

HEARING(S) ? Beginning at 10:30 a.m.

H1. Resolution regarding sale of surplus property

Resolution

PUBLIC COMMENT ? Please limit comments to three minutes

EXECUTIVE SESSION
The Board may recess into Executive Session to consider employment or dismissal of personnel, to review the performance of a public employee, to consult with legal counsel, to consider the position to be taken in collective bargaining, to consider acquisition or sale of real estate, or other matters per RCW 42.30.110

The following meetings are scheduled for the Board of Commissioners March 13 - 17:

Monday, March 13:
9:00 a.m. Work Session
12:00 p.m. WSAC Virtual Update

Tuesday, March 14:
10:00 a.m. Board Meeting
10:30 a.m. Hearing(s) - See Agenda

Wednesday, March 15:
8:00 a.m. Coffee with Colleen
10:00 a.m. Clallam Transit Meeting

INSTRUCTIONS FOR SPEAKING AT A COMMISSIONERS' MEETING:

- Members of the public wishing to address the Board on general items may do so during the designated times on the agenda.
- Members of the public wishing to comment at the public hearing are asked to sign in on the sheet provided giving their name and address.
- The Chair may limit the comment period to 3 minutes for each speaker subject to Board concurrence.
- Speakers, generally, will be heard in the order they signed up. All comments must be made from the speaker's rostrum and any individual making comments shall first state their name and address for the official record.
- General comments, applause, booing from members of the audience are inappropriate and may result in removal.

These guidelines are intended to promote an orderly system for conducting a public hearing so that each person has an opportunity to be heard and to ensure that exercising their right of free speech embarrasses no one.

Note: Written testimony presented by members of the public during the Board meeting is considered a public document and must be submitted to the Clerk of the Board. Copies of public documents from Board meetings are available by contacting the Public Records Department.

1a

MAR 14 2023

Date of report: March 8, 2023

General	**$301,727.06**
Other	**$599,073.53**
Total	**$900,800.59**

STATE OF WASHINGTON

County of Clallam

This is to certify that the foregoing Final Check Lists a.k.a., Register of Warrants for the period herein indicated, is a full, true, and correct representation of the corresponding payments for services rendered to and supplies and equipment received by all Clallam County government operations as recorded in the books or original entry maintained by this office.

WITNESS MY HAND AND OFFICIAL SEAL THIS 8 DAY OF March 2023.

COUNTY AUDITOR'S OFFICE -1853- SEAL -1889- CLALLAM COUNTY WASHINGTON

SHOONA RIGGS, COUNTY AUDITOR

CLALLAM COUNTY BOARD OF COMMISSIONERS does hereby certify that the services and merchandise herein specified have been received and that the claims listed and numbered above are hereby approved for payment:

BOARD OF COMMISSIONERS
CLALLAM COUNTY, WASHINGTON

MARK OZIAS, Chair

MIKE FRENCH

RANDY JOHNSON

RICH SILL (County Administrator)

Weekly Expenditures

March 6 - 10, 2023

Fund #	Department	Expenditures		Use Tax	
		General Fund	Other	General Fund	Other
00100.211	**Assessor**				
00100.221	**Auditor**	51.00			
12401.221	Auditor - Document Preservation				
00100.241/291	**Commissioners (BOCC)**	137,038.06			
00100.243	BOCC - Port Crescent Cemetery				
00100.244	BOCC - Board of Equalization	76.64			
00100.361	BOCC - Hearing Examiner				
19914.291	BOCC - Veterans Relief		1,226.00		
19915.291	BOCC - Federal Forest				
19925.291	BOCC - Hotel/Motel		20,000.00		
19941.291	BOCC - Opportunity Fund				
19951.291	BOCC - Affordable Housing Sales Tax				
19961.291	BOCC - American Rescue Plan Act		168,578.04		
19991.291	BOCC - Emergency Communications				
00100.331-334	**Dept. of Community Develop't (DCD)**	1,919.16			
30301.331	DCD - Lower Dungeness Floodplain				
30901.331	DCD - Carlsborg Water Mitigation				
00100.871	**District Court I**	806.48			
00100.871	District Court I - Jury				
13501.871	District Court - Probation				
00100.881	**District Court II**	159.59			
00100.881	District Court II - Jury				
11301.511	**Health & Human Services (HHS)**		12,353.03		
00100.511	HHS - Environmental Health	17,828.18		42.35	
00100.513	HHS - Admin				
11321.511	HHS - Drug/Alcohol				
11322.511	HHS - Homeless Task Force		16,388.36		
11323.511	HHS - Chem Dep/Mental Hlth		27,084.67		
11324.511	HHS - Affordable Housing		3,567.25		
11331.511	HHS - Developmental Disabilities		82,413.22		
11341.511	HHS - Foundational Public Hlth Svc				
00100.461	**Human Resources (HR)**	2,562.53			
50401.461	HR - Risk Management		5,371.82		
50501.461	HR - Workers Compensation				
50601.461	HR - Emp Healthcare				
50701.461	HR - Unemployment Compensation				
00100.411	**Information Technology (IT)**	32,940.94			
30701.411	IT - Capital Projects		34,786.32		
00100.851	**Juvenile Services**	3,818.38			
11401.821	**Law Library**				
13001/13051	**Noxious Weed/LMD #2** (Lake Mgmt. Dist.)		73.42		
00100.911/912	**Parks Fair Facilities (PFF)**	38,831.72			
30101.911	PFF - REET 1 (Real Estate Excise Tax)		20,695.25		
30201.911	PFF - REET 2 (Real Estate Excise Tax)		1,435.00		
30501.911	PFF - Capital Projects		3,631.97		
00100.841-843	**Prosecuting Attorney**	250.00			
11701.841	Pros Atty - Local Crime Victim				
	Public Works (PW)				
10101.611	PW - Roads		141,342.41		
10135.611	PW - Flood Control		374.96		
30401.331	PW - Dungeness Reservoir				
30901.331	PW - Carlsborg Water Mitigation				
40201.611	PW - Solid Waste		369.12		
41401.611	PW - Clallam/Sekiu Sewer		16,844.05		
42401.611	PW - Carlsborg Sewer		2,738.48		
43401.611	PW - Bullman Beach Water System		92.54		

50301.611	PW - ER&R (Equip't Rental & Revolving)		38,860.64		
00100.811-815,817	**Sheriff**	8,653.48			
00100.816	Sheriff - Jail Medical	49,358.29			
11002.811	Sheriff - Honor Guard Donation				
11003.811	Sheriff - Boating Safety				
11004.811	Sheriff - VRF Boating Program				
11007.811	Sheriff - Office Drug Fund				
11008.811	Sheriff - OPNET Drug				
11061.811	Sheriff - 911 Enhanced				
11065.811	Sheriff - OPSCAN Operations		512.16		
11068.811	Sheriff - Stonegarden				
11070.811	Sheriff - 24/7 Sobriety				
11080.811	Sheriff - Inmate Commissary		332.00		2.82
00100.861	**Superior Court**				
00100.861	Superior Court Jury				
12905.861	Superior Court - Dispute Resolution				
12911.861	Superior Court - Courthouse Facilitator				
00100.891	**Superior Court Clerk**	4,181.55		74.80	
00100.231	**Treasurer**				
12201.231	Treasurer - O&M (Operation & Maintenance)				
12231.231	Treasurer - REET Electronic Technology				
12241.231	Treasurer - Land Assessment				
62400.221	**Unclaimed Property Claims**				
00100.931	**WSU Extension**	3,133.91			
	Total	**301,609.91**	**599,070.71**	**117.15**	**2.82**

Report Reconciliation		**Totals**			
Total	**900,680.62**	**General Fund**	**301,727.06**		
Final Check Lists	**900,680.62**	**Other**	**599,073.53**		
Difference	-	**Total**	**900,800.59**	**Use Tax**	**119.97**

Prepared by: _____

Karen Wahlsten, Clallam County Auditor's Office

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0048330	BURNSTON, TREVOR J	Burnston	12/10/2021	REFUND FROM DOL	7.00	7.00
	3/14/2023	0048328	CLIFFORD, JON & JANELLE	Clifford	9/23/2022	REFUND FROM DOL	3.00	3.00
	3/14/2023	0048327	COOKE, LAWRENCE	Cooke	9/23/2022	REFUND FROM DOL	3.00	3.00
	3/14/2023	0048331	HUDSON, ELVA	Hudson	9/7/2022	REFUND FROM DOL	10.75	10.75
	3/14/2023	0048329	KING, LESTER & JAHNEL	King	12/10/2021	REFUND FROM DOL	7.00	7.00
	3/14/2023	0048332	NYE, ALCYONE C	Nye	6/13/2022	REFUND FROM DOL	20.25	20.25
						Sub total for U S BANK:		51.00

0.*
51.00+
325,616.10+
76.64+
1,226.00+
1,919.16+
83.94+
722.54+
159.59+
159,634.71+
6,810.32+
1,124.03+
67,727.26+
3,818.38+
73.42+
64,593.94+
250.00+
158,186.46+
3,482.56+
38,860.64+
58,855.93+
4,181.55+
3,133.91+
900,588.08**
900,588.08+
92.54+
900,680.62**

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0045839	BLACK BALL FERRY LINE	ARPA BB 3/01/2(	3/1/2023	ARPA SERVICES PER CONTR	168,578.04	168,578.04
	3/14/2023	0035888	CASCADIA CONSULTING GRC	9577	3/1/2023	GREENHOUSE GAS INVENTC	4,000.00	4,000.00
	3/14/2023	0000336	CLALLAM CONSERVATION DI	CF-2023	3/1/2023	RENEWABLE RESOURCE PR	125,000.00	125,000.00
	3/14/2023	0000382	CODE PUBLISHING COMPANY	GC0010072	3/1/2023	MUNICIPAL CODE - CUMULAT	843.75	843.75
	3/14/2023	0000546	EXPRESS SERVICES, INC	28664936	3/1/2023	RICH MEIER 2/19/2023	1,380.38	1,380.38
	3/14/2023	0004037	HARPER RIDGEVIEW CHAPEI	HRFC 3/01/2023	3/1/2023	ELIZABETH MATLOCK	1,325.00	1,325.00
	3/14/2023	0000842	IMAGINE IT FRAMED	30164	3/1/2023	DAVE BIBLER 39 YRS; JULIE S	337.27	337.27
	3/14/2023	0042590	KLAHN, ANGI	AK 3/01/2023	3/1/2023	ANGIE KLAHN WFOA FEDERA	100.00	100.00
	3/14/2023	0046683	ODP BUSINESS SOLUTIONS,	293183102001	3/1/2023	PAPER, EXPANDING LEGAL F	76.25	76.25
	3/14/2023	0038224	OLYMPIC PENINSULA ROWIN	Res 116, 2022	3/1/2023	BEACH SPRINT & COASTAL F	20,000.00	20,000.00
	3/14/2023	0001240	PITNEY BOWES	1022484573	3/1/2023	EZ SEAL 5 GALLONS	126.41	126.41
	3/14/2023	0047087	TURNER, REBECCA	RT 2/16/2023	3/1/2023	TYLER CONFERENCE - REBE	1,099.00	
				RT 2/16/23	3/1/2023	WSACA FINANCE CONF - REI	250.00	1,349.00
	3/14/2023	0001688	WA ST ASSOC OF COUNTIES	CC2023-01	3/1/2023	COASTAL COUNTIES CAUCU	2,500.00	2,500.00
						Sub total for U S BANK:		325,616.10

Final Check List
CLALLAM COUNTY

BOE

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0002447	GIBBS, GORDON	GGFebMileage	3/2/2023	BOE - TRAVEL FOR BOE HEA	76.64	76.64
						Sub total for U S BANK:		76.64

Final Check List
CLALLAM COUNTY

Veterans

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/1/2023	0002928	MAKAH HOUSING AUTHORIT	CJ7249 3/1/23	3/1/2023	RENT	676.00	676.00
	3/1/2023	0020849	U S BANK	BG6299 3/1/23 V	3/1/2023	FOOD	150.00	
				CT2720 3/1/23 S	3/1/2023	FOOD	150.00	
				ZT0109 3/1/23 V	3/1/2023	FOOD	150.00	
				JJ9950 3/1/23 W	3/1/2023	FOOD	100.00	550.00
						Sub total for U S BANK:		1,226.00

DCD

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000360	CLALLAM COUNTY ER&R	2023.060E	2/28/2023	CE 400 BD INSPECTIONS 800	1,200.00	1,200.00
	3/14/2023	0000546	EXPRESS SERVICES, INC	28629898	2/15/2023	CE BURKHARDT TO 2-12-202:	112.65	112.65
	3/14/2023	0001252	PORT ANGELES, CITY OF	011023-128166	1/10/2023	CE DEC 2022	225.01	225.01
	3/14/2023	0019737	SEQUIM MUSEUM & ARTS	03012023	3/1/2023	NOPLE SITE RENTAL 03-07-2(	75.00	75.00
	3/14/2023	0040922	POWER TRIP ENERGY CORP	REF083122	2/21/2023	REFUND BPT2022-786	306.50	306.50
						Sub total for U S BANK:		1,919.16

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0021386	STAPLES ADVANTAGE	3530940234	2/18/2023	STAPLES - DC BULLETIN BO/	83.94	83.94
						Sub total for U S BANK:		83.94

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0001344	REDWOOD TOXICOLOGY LAE	791590	2/13/2023	REDWOOD - TEST STRIPS	321.15	321.15
	3/14/2023	0021386	STAPLES ADVANTAGE	3530432802	2/11/2023	STAPLES - DISTRICT COURT	326.32	
				3530432800	2/11/2023	STAPLES - DISTRICT COURT	32.76	
				3530432803	2/11/2023	STAPLES - DISTRICT COURT	22.28	
				3530432801	2/11/2023	STAPLES - DISTRICT COURT	20.03	401.39
						Sub total for U S BANK:		722.54

Check History Listing
CLALLAM COUNTY

DC II

Bank code: apbank

Check #	Date	Vendor	Status	Clear/Void Date	Invoice	Inv. Date	Amount Paid	Check Total
	03/14/2023	0001509 CORDANT HEALTH SOLU			fs-t47058	03/14/2023	51.30	51.30
	03/14/2023	0001179 PACIFIC OFFICE EQUIPM			1115932	03/14/2023	27.15	
					1115933	03/14/2023	21.14	48.29
	03/14/2023	0019100 WILLIAM L PLUMLEY			671464	03/14/2023	60.00	60.00
							apbank Total:	**159.59**

3 checks in this report

Total Checks: **159.59**

Final Check List
CLALLAM COUNTY

HHS

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000337	CLALLAM COUNTY DISTRICT	EHDC-022323	3/1/2023	OSS-DISTRCT COURT FILING	83.00	83.00
	3/14/2023	0036231	FISHER SCIENTIFIC COMPAN	0261562	2/6/2023	WLAB-AUTOCLAVE REPLACE	9,281.76	
				0505922	2/15/2023	WLAB-CAPITAL PURCHASE-V	3,915.35	13,197.11
	3/14/2023	0000700	HACH COMPANY	13471868	2/20/2023	WLAB-LAB SUPPLIES	96.89	96.89
	3/14/2023	0000769	IDEXX DISTRIBUTION INC	3122881959	2/8/2023	WLAB-LAB SUPPLIES	2,402.06	2,402.06
	3/14/2023	0000870	KONP RADIO 1450	13373-1	2/10/2023	OSS-REQUIRED FLOORING F	110.00	110.00
	3/14/2023	0047235	KOWAL, KATIE	EXPENSE-0219	2/19/2023	OSS-BUILDING EXPO REIMBU	21.97	21.97
	3/14/2023	0001920	MICROTECH SCIENTIFIC	28569	2/9/2023	WLAB-WATER SAMPLE BOTT	481.20	481.20
	3/14/2023	0001002	MILLIPORE CORP	10737064	2/9/2023	WLAB-LAB SUPPLIES	1,049.80	
				10741296	2/14/2023	WLAB-LAB SUPPLIES	213.98	
				10736521	2/9/2023	WLAB-FREIGHT CHARGES	62.02	1,325.80
	3/14/2023	0046683	ODP BUSINESS SOLUTIONS, I	289607984001	1/23/2023	EHADMIN-SCANNING PROJE	77.15	77.15
	3/14/2023	0001602	SPECTRA LABORATORIES, KI	23-01043	2/24/2023	WLAB-WATER TESTING SER	138.00	138.00
	3/14/2023	0000546	EXPRESS SERVICES, INC	28629904	3/15/2023	HOPS - EXTRA HELP EMPLO	1,351.16	1,351.16
	3/14/2023	0000577	FIRST STEP FAMILY SUPPOR	FSFSC 1-23	2/9/2023	HOPS - HOTEL LEASING AND	5,476.91	
				FSFSC 2-23	2/9/2023	HOPS - HOTEL LEAING AND F	5,245.00	10,721.91
	3/14/2023	0000825	JOHNSON, ANN	AJ BT 2-27-23	2/27/2023	HOPS - BUSINESS MILEAGE -	146.72	146.72
	3/14/2023	0042813	LAW, LISA	LL BT 2-24-23	2/24/2023	HOPS - BUSINESS MILEAGE -	80.57	80.57
	3/14/2023	0001508	STERICYCLE, INC	3006366226	2/13/2023	HOPS - SYRINGE DISPOSAL	52.67	52.67
	3/14/2023	0000224	BOYS & GIRLS CLUB OF OLY	11322-21-BGCO	2/8/2023	HTF - LIFE SKILLS TRAINING	3,235.49	3,235.49
	3/14/2023	0000723	HEALTHY FAMILIES OF CLALL	11322-21-HFCC	2/23/2023	HTF - SAFELY HOME PROJEC	11,256.87	11,256.87
	3/14/2023	0001433	SERENITY HOUSE OF CLALLA	11322-21-SHCM	2/13/2023	HTF - FAMILY SHELTER CASE	1,896.00	1,896.00
	3/7/2023	0000365	CLALLAM COUNTY SUPERIOR	CCSCA 2-16-23	2/16/2023	CD/MH - DRUG COURT - 25.4	6,227.35	6,227.35
	3/7/2023	0000577	FIRST STEP FAMILY SUPPOR	113232223FSFS	2/27/2023	CD/MH - PARENTS AS TEACH	7,170.08	7,170.08
	3/7/2023	0001139	OLYMPIC PERSONAL GROWT	11323-22-23-OP	2/3/2023	CD/MH - FILLING THE GAP - J	3,505.00	3,505.00
	3/7/2023	0001252	PORT ANGELES, CITY OF	11323-22-23-PAI	2/14/2023	CD/MH - COMMUNITY PARAM	9,122.24	9,122.24
	3/7/2023	0001433	SERENITY HOUSE OF CLALLA	113232223SHHA	2/13/2023	CD/MH - ADMINISTRATION OI	1,060.00	1,060.00
	3/14/2023	0000723	HEALTHY FAMILIES OF CLALL	11324-21-HFCC	2/7/2023	AH - EMERGENCY HOUSING	2,967.25	
				11324-22-HFCC	2/7/2023	AH - EMERGENCY HOUSING	600.00	3,567.25
	3/14/2023	0000396	CONCERNED CITIZENS	STATE-01/23	2/22/2023	DDD-JANUARY 2023 STATE C	32,867.25	
				1601728	1/31/2023	DDD-MENTORSHIP QA TRAIN	7,602.00	
				1601734	1/31/2023	DDD-NEW CI REFERRAL FOR	2,000.00	
				STATE-12/22#1	1/30/2023	DDD-DECEMBER 2022 SUPPL	-105.00	42,364.25
	3/14/2023	0001017	MORNINGSIDE INC	S104551	3/17/2023	DDD-MENTORING SERVICES	693.00	693.00

Bank : apbank U S BANK (Continued)

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0046494	PAVE	11331-22-PAVEF	2/24/2023	DDD-FAMILY NAVAGATION SE	1,723.97	1,723.97
	3/14/2023	0017530	PIERCE JONES & ASSOCIATE	STATE-1/23	2/21/2023	DDD-JANUARY 2023 STATE C	37,527.00	37,527.00
						Sub total for U S BANK:		159,634.71

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000331	CLALLAM COUNTY AUDITOR	PUB OFF BOND	3/2/2023	PUB OFFICIAL BOND RECOR	205.50	205.50
	3/14/2023	0000546	EXPRESS SERVICES, INC	28629899	3/2/2023	INVOICE 28629899	811.58	
				28690250	3/2/2023	INVOICE 28690250	405.79	1,217.37
	3/14/2023	0001297	PUBLIC SAFETY TESTING INC	2023-99	3/2/2023	INVOICE 2023-99	981.00	981.00
	3/14/2023	0001734	WA ST PATROL	I23005006	3/2/2023	INVOICE L23005006	231.00	231.00
	3/14/2023	0025115	RADIA INC PS	DOS 02022023 S	3/2/2023	DOS 02022023 SH	273.80	273.80
	3/14/2023	0034245	CASTLE BRANCH INC	0878449-IN	3/2/2023	INVOICE 0878449-IN	1,947.75	1,947.75
	3/14/2023	0035753	LOOMIS ARMORED US, LLC	13192441	3/2/2023	INVOICE 13192441	1,021.90	1,021.90
	3/14/2023	0037692	SEBRIS BUSTO JAMES	78534	3/2/2023	INVOICE 78534	252.00	252.00
	3/14/2023	0045292	BATES, JERRY	00050	3/2/2023	INVOICE 00050	680.00	680.00
						Sub total for U S BANK:		6,810.32

Final Check List
CLALLAM COUNTY

HR-LEOFF

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000522		LEOFF FEB 23 [	3/2/2023	LEOFF FEB 23 DE	164.90	164.90
	3/14/2023	0002036		LEOFF FEB 23 [	3/2/2023	LEOFF FEB 23 DL	164.90	164.90
	3/14/2023	0002038		LEOFF FEB 23 [	3/2/2023	LEOFF FEB 23 DR	164.90	164.90
	3/14/2023	0002042		LEOFF FEB 23 F	3/2/2023	LEOFF FEB 23 RC	332.33	332.33
	3/14/2023	0002047		LEOFF FEB 23 F	3/2/2023	LEOFF FEB 23 RS	148.50	148.50
	3/14/2023	0022748		LEOFF FEB 23 F	3/2/2023	LEOFF FEB 23 FD	148.50	148.50
						Sub total for U S BANK:		1,124.03

Final Check List
CLALLAM COUNTY

Info Tech

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000289	CDW GOVERNMENT, INC.	FQ73489	3/14/2023	IT20220815 - NETWORK DEVI	14,339.54	
				FR86139	3/14/2023	IT20220815 - CISCO EXT. SVC	7,637.42	
				GR29414	3/14/2023	IT20230117 - NUTANIX AOS D.	7,264.40	
				SE2203488	3/14/2023	IT20230227E - O365 PROF SV	1,127.10	
				SE2203773	3/14/2023	IT20230227D - O365 SVC	542.40	30,910.86
	3/14/2023	0000674	GOVCONNECTION, INC.	73799243	3/14/2023	IT20230213 - LAPTOPS & DOC	3,037.05	
				73808026	3/14/2023	IT20230215B - PERIPHERALS	1,091.81	
				73794726	3/14/2023	IT20230213 - CONF CAM	732.84	
				73803697	3/14/2023	IT20230214 - ADOBE DRMWV	254.91	
				72891677	3/14/2023	IT20220517A - CREDIT TO AC	-80.33	5,036.28
	3/14/2023	0001641	VERIZON WIRELESS	9926156141	3/14/2023	IT CELL & DATA PLANS	1,435.28	1,435.28
	3/14/2023	0004211	CENTURYLINK	206T222202-030	3/14/2023	COURTHOUSE T-1 #2	490.14	490.14
	3/14/2023	0023718	AT&T	3604574863-030	3/14/2023	JUVIE FAX LINES (3) LONG DI	71.88	71.88
	3/14/2023	0030587	B&H PHOTO VIDEO	210721921	3/14/2023	PROS20230206A - SURFACE I	9,772.31	9,772.31
	3/14/2023	0043864	ZOOM VIDEO COMMUNICATIC	INV190330004	3/14/2023	IT20230227 - ZOOM VIDEO CC	20,010.51	20,010.51
						Sub total for U S BANK:		67,727.26

Final Check List
CLALLAM COUNTY

Juvenile SVS

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0017787	DAIRY FRESH FARMS INC	8182304706	2/16/2023	DET FOOD	99.79	
				8182305406	2/23/2023	DET FOOD	77.35	177.14
	3/14/2023	0041147	AMERIGAS PROPANE LP	3147255471	2/22/2023	UTILITIES	3,333.70	3,333.70
	3/14/2023	0046683	ODP BUSINESS SOLUTIONS,	289906132001	2/3/2023	OFFICE SUPPLIES	175.15	
				290791815001	2/2/2023	OFFICE SUPPLIES	95.09	
				289912876001	2/3/2023	OFFICE SUPPLIES	37.30	307.54
						Sub total for U S BANK:		3,818.38

Nox Weeds

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0001540	SWAIN'S GENERAL STORE IN	309750	3/1/2023	GLOVES; RDS = $73.42	73.42	73.42
						Sub total for U S BANK:		73.42

PPP

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000034	AIR FLO HEATING CO	93298472	3/1/2023	JAIL CLN BLWR & CONDENS/	1,085.82	1,085.82
	3/14/2023	0000090	ANGELES MACHINE WORKS I	77316	3/1/2023	CH MFG ALUMINUM BOX	188.25	188.25
	3/14/2023	0000091	ANGELES MILLWORK & LUMB	326769	3/1/2023	FG SEC LIGHT PWR PRJ REE	221.40	
				326856	3/1/2023	FG PAINT & SUPPLIES FOR C	98.48	
				326834	3/1/2023	2301CH RSTR JUV BLD PLST	46.78	
				326421	3/1/2023	SMPK BRK CLNR CHOKE CLI	26.71	
				326924	3/1/2023	2301CH RESTR JUV BLD FAS	16.64	
				326626	3/1/2023	2301CH RSTR JUV BLD SANI	16.43	
				326908	3/1/2023	FG SWITCHPLATES WALL PL	15.34	
				326937	3/1/2023	SMPK WRENCH BITS	15.30	
				326770	3/1/2023	FG SEC LIGHT PWR METAL P	13.02	
				326931	3/1/2023	FG WALL PLATE	1.71	471.81
	3/14/2023	0000094	ANGELES PLUMBING INC	37160	3/1/2023	2301CH RSTR JV BLD FAUCE	4,990.66	4,990.66
	3/14/2023	0000172	BAXTER A/P OFFICE	15663-40349	3/1/2023	DRA LAWN GARDEN BATTER	39.37	39.37
	3/14/2023	0000196	BILLS PLUMBING & SANIKAN	s3657749	3/1/2023	SMPK RDG SANIKAN	100.00	
				s3657710	3/1/2023	RH SANIKAN	100.00	200.00
	3/14/2023	0000290	CED/STUSSER - SEATTLE	5948-1033048	3/1/2023	FG SEC LIGHT PWR PRJ COI	759.96	
				5948-1022622	3/1/2023	JUV 600V TO FUSE ELECTRC	291.58	1,051.54
	3/14/2023	0000359	CLALLAM COUNTY PUBLIC W	2023.044E	3/1/2023	SMPK JANUARY FUEL	60.90	60.90
	3/14/2023	0000374	CLEANTECH CARPET CARE	445	3/1/2023	CH DCD & ROADS CARPET C	1,606.00	
				446	3/1/2023	3RD ST CARPET CLEAN	1,000.00	
				447	3/1/2023	CH ASSR & TRSR CARPET CI	888.00	
				444	3/1/2023	CH BOCC CARPET CLEAN	655.00	4,149.00
	3/14/2023	0000439	D & K PAINTING, INC.	3521	3/1/2023	2301CH RSTR JUV BLD INTEI	3,958.31	3,958.31
	3/14/2023	0000561	FERGUSON ENTERPRISES IN	1294841	3/1/2023	FG SEC LIGHT PWR PRJ PVC	318.18	318.18
	3/14/2023	0000677	GRAINGER INC	9606876622	3/1/2023	CH SURGE PROTECTORS	102.16	102.16
	3/14/2023	0000725	HEARTLINE, THE	a19061	3/1/2023	CB SCREENED SAND	14.00	14.00
	3/14/2023	0001179	PACIFIC OFFICE EQUIPMENT	1117640	3/1/2023	FG COPIER SERV	51.42	51.42
	3/14/2023	0001187	PAPE MACHINERY INC	14230632	3/1/2023	CH ACCELERATOR	179.74	179.74

Bank : apbank U S BANK (Continued)

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0001198	PART WORKS INC, THE	INV89966	3/1/2023	2303UP HCH BOILER REPAIR	3,631.97	
				INV90242	3/1/2023	CDJ PORTABLE METER	2,301.01	
				INV90266	3/1/2023	JAIL STOP ASSEMBLY	966.10	
				INV90159	3/1/2023	CH FLUSHOMETER	331.23	
				INV90172	3/1/2023	CH VARIOUS PLUMBING PAR	293.67	
				INV90218	3/1/2023	CH BUTTON ASSEMBLIES	289.93	
				INV90031	3/1/2023	FG TANK SYSTEM	206.95	
				INV90206	3/1/2023	CH REPAIR KIT	35.39	8,056.25
	3/14/2023	0001252	PORT ANGELES, CITY OF	48731-101384 1/	3/1/2023	VET JAN UTIL & GARBAGE	435.07	435.07
	3/14/2023	0001253	PORT ANGELES SOLID WAST	1104439	3/1/2023	CIB DUMP FEE	81.47	
				1104771	3/1/2023	CH DUMP FEE	17.46	98.93
	3/14/2023	0001258	PORT ANGELES POWER EQU	98006858	3/1/2023	CH SPRK PLUGS FILE GUIDE	44.50	
				98006672	3/1/2023	SC CHAIN ORG GLOVES	32.58	77.08
	3/14/2023	0001300	PUBLIC UTILITY DISTRICT	13575 2/23	3/1/2023	SC FEB ELECT	498.43	
				75463 2/23	3/1/2023	SC FEB ELECT	379.59	
				13572 2/23	3/1/2023	SC FEB ELECT	263.14	
				13573 2/23	3/1/2023	SC FEB ELECT	53.15	
				13571 2/23	3/1/2023	SC UNMETERED LIGHT	20.92	1,215.23
	3/14/2023	0001331	RAINBOW SWEEPERS INC	45160	3/1/2023	3RD ST 100 LF CHAIN LINK FI	4,696.03	
				45366	3/1/2023	3RD ST SLIDE GATE DELIVEF	2,618.60	
				45269	3/1/2023	CH JUV DE ICE	780.10	
				45241	3/1/2023	CH JUV SNOW BLADE DE ICE	672.38	
				45148	3/1/2023	CH 49 BAGS ROCK SALT	573.10	
				45183	3/1/2023	CH JUV DE ICE SNOW BLADE	293.76	
				45332	3/1/2023	CH DE ICE	272.00	
				45361	3/1/2023	JUV DE ICE	183.60	
				45354	3/1/2023	JUV DE ICE	163.20	10,252.77
	3/14/2023	0001405	LES SCHWAB TIRE CENTERS	38000782716	3/1/2023	CH TIRES FOR SPRAYER TR/	188.53	188.53
	3/14/2023	0001420	SECURITY SERVICES NW INC	127383	3/1/2023	3RD ST FEB NIGHTLY SECUR	1,250.00	1,250.00

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Bank : apbank U S BANK (Continued)

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0001540	SWAIN'S GENERAL STORE IN	309468	3/1/2023	DRA TWIN SOCKET SPLITTEI	38.90	
				309443	3/1/2023	CH DRILL BIT SET	29.34	
				309513	3/1/2023	JUV SPARE KEYS	19.00	
				309688	3/1/2023	CH HARDWARE FOR FLAG LI	18.25	
				309544	3/1/2023	FG PAINT SUPPLIES	15.17	
				309569	3/1/2023	CH SHUTOFF HOSE FOR WA	13.02	
				309704	3/1/2023	CH MISC HARDWARE	12.14	
				309266	3/1/2023	CB TOILET REPAIR PARTS	8.65	154.47
	3/14/2023	0001576	THURMAN SUPPLY	845864	3/1/2023	CH WSHG MCHN HOSE & AD.	14.32	14.32
	3/14/2023	0004211	CENTURYLINK	36092835408201	3/1/2023	CDJ TELEPHONES	140.66	140.66
	3/14/2023	0004211	CENTURYLINK	36068358474451	3/1/2023	DRA TELEPHONES	137.91	137.91
	3/14/2023	0004211	CENTURYLINK	36092834415931	3/1/2023	SC TELEPHONES	73.70	73.70
	3/14/2023	0004950	FAIRCHILD FLOORS	3863	3/1/2023	2301CH RSTR JUV BLD FLOC	4,908.03	
				3864	3/1/2023	2301CH RSTR OLD JUV BLD I	4,760.52	
				3865	3/1/2023	FG WALK OFF MATS	853.43	10,521.98
	3/14/2023	0019740	PENINSULA FIRE INC.	67835	3/1/2023	JUV FIRE SUPPRESSION SEI	331.73	
				67880	3/1/2023	JAIL FIRE SUPPRESSION SEI	321.40	653.13
	3/14/2023	0027917	COMMERCIAL REPAIR	990746	3/1/2023	JUV LABOR CLEAN PILOT AS	163.20	163.20
	3/14/2023	0030584	TRIANGLE PUMP & EQUIPMEI	14012	3/1/2023	FG MYERS GRINDER PUMP	3,283.56	3,283.56
	3/14/2023	0032999	PLATT	3R83315	3/1/2023	FG SEC LIGHT PWR PRJ PVC	514.27	
				3s64814	3/1/2023	FG SEC LIGHT PWR PRJ PVC	171.05	685.32
	3/14/2023	0033438	AHBL INC	137251	3/1/2023	1710CH CH LANDSCAPE PRJ	1,435.00	1,435.00
	3/14/2023	0035592	CAMPLIFE INC	14798107	3/2/2023	DRA SC FEB ONLINE RESERV	2,269.50	2,269.50
	3/14/2023	0036208	ARROW SEPTIC INC	CCP0123	3/2/2023	SC DL DRA JUV SEPTIC PUMI	3,010.40	3,010.40
	3/14/2023	0036323	BUCK'S NORTHWEST LANDS(	2957	3/2/2023	CH LANDSCAPE MAINTENAN	1,131.52	1,131.52
	3/14/2023	0039041	D WELD SHOP	611581	3/1/2023	JAIL REPAIR WELD ON JAIL B	285.60	285.60
	3/14/2023	0041147	AMERIGAS PROPANE LP	3147474536	3/1/2023	3RD ST PROPANE TANK REN	135.31	135.31
	3/14/2023	0041605	HOME DEPOT PRO	732341243	3/1/2023	CH MRV FILTERS	1,266.43	1,266.43
	3/14/2023	0044161	MAYDA & SONS MECHANICAL	74676	3/1/2023	JAIL WALK IN FREEZER REFI	478.72	478.72
	3/14/2023	0046683	ODP BUSINESS SOLUTIONS,	293945805001	3/1/2023	FG BINDERS	58.19	58.19
	3/14/2023	0047167	ADVENTURES NW PUBLISHIN	3718	3/1/2023	SC DRA ADVERT ADVENT NW	260.00	260.00
						Sub total for U S BANK:		64,593.94

Final Check List
CLALLAM COUNTY

Pros

Bank : apbank U S BANK

Check #	Date	Vendor	Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0001136 OLYMPIC MEDICAL CENTER	460190 3/2/23	3/2/2023	460190 / COVID/ XRAY	250.00	250.00
					Sub total for U S BANK:		250.00

Public Work (2)

Bank : apbank U S BANK (Continued)

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0001300	PUBLIC UTILITY DISTRICT	22718-123122	2/1/2023	410 FRONTIER ST 12/01-12/3'	936.98	
				22718-013123	2/1/2023	410 FRONTIER ST 01/01-01/3'	902.43	
				23007-022223	2/22/2023	176 FRONT ST 01/19-02-16	744.83	
				22991-022223	2/22/2023	HWY 112-OPP 15180 PUMP 0'	236.48	
				23221-022223	2/22/2023	12901 HWY 112 01/19-02/16	198.23	
				23040-022223	2/22/2023	FRONT ST 01/19-02/26	175.25	3,194.20
	3/14/2023	0048015	THERMO FISHER SCIENTIFIC	SLS26169892	2/10/2023	SUPPLIES WWTP	696.13	696.13
	3/14/2023	0001621	USA BLUE BOOK	196864	12/6/2022	SUPPLIES WWTP	1,229.72	
				191518	11/30/2022	SUPPLIES WWTP	101.54	1,331.26
	3/14/2023	0001767	WEST WASTE & RECYCLING	0000274909	2/28/2023	WWTP GARBAGE SERVICE	36.00	36.00
	3/14/2023	0020614	WOOD HAWK, INC	2018	2/28/2023	WASTE TRANSFER	1,465.00	1,465.00
						Sub total for U S BANK:		158,186.46

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000023	ADVANCED TRAVEL	LINDORFER020	2/9/2023	TRAVEL REIMBURSEMENT LI	689.91	
				SPARKS020923	2/9/2023	TRAVEL REIMBURSEMENT-S	634.32	1,324.23
	3/14/2023	0017663	ARAMARK UNIFORM SVCS IN	5120194989	2/28/2023	LAUNDRY SERVICE-PA	16.32	16.32
	3/14/2023	0000360	CLALLAM COUNTY ER&R	2023.062E	2/28/2023	02/2023 EQUIPMENT CHARGI	137,434.10	137,434.10
	3/14/2023	0000366	CLALLAM COUNTY TREASUR	210-227053 23 I	2/22/2023	2023 R/W WSDOT GOVT LOT	50.69	
				210-78045 23 2	2/22/2023	2023 CHICKEN COOP	49.68	100.37
	3/14/2023	0000677	GRAINGER INC	9613894618	2/20/2023	MAINTENANCE SUPPLIES-PA	99.93	99.93
	3/14/2023	0000714	HARTNAGEL BLDG SUPPLY IN	849386	2/28/2023	MAINTENANCE SUPPLIES-PA	58.38	58.38
	3/14/2023	0000888	LAND SURVEYORS ASSOC OI	LSAW2023CONI	2/14/2023	LSAW 2023 CONFERENCE	900.00	900.00
	3/14/2023	0001148	OLYMPIC SPRINGS INC	355624	2/28/2023	LC DRINKING WATER	38.88	38.88
	3/14/2023	0001207	PENINSULA COLLEGE	1008948-1	2/27/2023	FLAGGER CERTIFICATION TF	510.00	
				1008948-2	2/27/2023	FLAGGER CERTIFICATION TF	255.00	765.00
	3/14/2023	0043469	PETROCARD	C099068	2/28/2023	FUEL CONSUMED	237.37	237.37
	3/14/2023	0001258	PORT ANGELES POWER EQU	98007584	3/1/2023	MAINTENANCE SUPPLIES	21.25	21.25
	3/14/2023	0001300	PUBLIC UTILITY DISTRICT	110606-022123	2/21/2023	SCENIC OVERLOOK WAY/HW	108.31	108.31
	3/14/2023	0022435	RACE STREET AUTO PARTS	620504	2/15/2023	MAINTENANCE SUPPLIES-SC	238.27	238.27
	3/14/2023	0000074	AM TEST, INC.	132035	2/28/2023	SAMPLE TESTING- WWTP	500.00	
				131951	2/23/2023	SAMPLE TESTING- WWTP	440.00	940.00
	3/14/2023	0000360	CLALLAM COUNTY ER&R	2023.065E	2/28/2023	02/2023 EQUIPMENT RENT	900.92	
				2023.058E	2/17/2023	FIRE CHIEF EQUIPMENT	202.08	1,103.00
	3/14/2023	0000361	CLALLAM COUNTY ROAD DEI	2023.017R	2/28/2023	02/2023 EMPLOYEE BENEFIT	930.39	930.39
	3/14/2023	0000366	CLALLAM COUNTY TREASUR	210-18269 2023	2/22/2023	2023 WEED CONTROL-WWTI	6.91	6.91
	3/14/2023	0000677	GRAINGER INC	9602102387	2/8/2023	MAINTENANCE SUPPLIES	692.64	
				9602204969	2/8/2023	MAINTENANCE SUPPLIES	65.18	757.82
	3/14/2023	0000839	K & L SUPPLY INC	45491	1/3/2023	SUPPLIES WWTP	4,533.26	4,533.26
	3/14/2023	0001058	NCL OF WISCONSIN INC	482391	1/27/2023	SUPPLIES WWTP	1,006.88	
				483480	2/21/2023	SUPPLIES WWTP	447.08	
				482947	2/7/2023	SUPPLIES WWTP	155.56	
				482948	2/7/2023	SUPPLIES WWTP	155.56	1,765.08
	3/14/2023	0001207	PENINSULA COLLEGE	1008948-3	2/27/2023	FLAGGER CERTIFICATION TF	85.00	85.00

Final Check List
CLALLAM COUNTY

Public Works

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000348	CLALLAM COUNTY DEPT OF,	23-0104	2/2/2023	01/23 TESTING SERVICES	360.00	360.00 ✓
	3/14/2023	0000360	CLALLAM COUNTY ER&R	2023.063E	2/28/2023	02/23 COPIES	14.96	14.96 ✓
	3/13/2023	0000360	CLALLAM COUNTY ER&R	2023.034E	1/27/2023	01/23 EQUIPMENT RENT	16.51	
				2023.064E	2/28/2023	02/28 EQUIPMENT RENT	12.48	
				2023.005E	12/23/2022	12/22 EQUIPMENT RENT	0.14	29.13 ✓
	3/13/2023	0000361	CLALLAM COUNTY ROAD DEI	2023.016R	2/28/2023	01/16/23~02/15/23 EMPLOYEE	348.68	
				2023.008R	1/27/2023	12/16/22~01/15/23 EMPLOYEE	-8.69	339.99 ✓
	3/14/2023	0000360	CLALLAM COUNTY ER&R	2023.066E	2/28/2023	02/23 EQUIPMENT RENT	70.25	70.25 ✓
	3/14/2023	0000361	CLALLAM COUNTY ROAD DEI	2023.018R	2/28/2023	01/16/23~02/15/23 EMPLOYEE	34.86	34.86 ✓
	3/14/2023	0001300	PUBLIC UTILITY DISTRICT	119586-022323	2/23/2023	01/18/23~02/16/23 1453 W WA	94.60	94.60 ✓
	3/14/2023	0001426	SEQUIM, CITY OF	C23-0	2/28/2023	02/23 CLS MONTHLY MAINTE	2,538.77	2,538.77 ✓
						Sub total for U S BANK:		3,482.56

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000099	A-1 AUTO PARTS	1420645	2/14/2023	12 Battery - SQ 2190	242.65	
				1420635	2/13/2023	90 Degree Elbows, Filter - SQ 2	32.64	275.29
	3/14/2023	0000290	CED/STUSSER - SEATTLE	5948-1031608	2/24/2023	Shop Heaters - PA 20B201	6,092.80	
				5948-1033415	2/24/2023	Drv Heads, K-Laths - PA 20B20	63.89	6,156.69
	3/14/2023	0001064	NELSON TRUCK EQUIPMENT	741058	2/21/2023	Floor Matts - PA S324, S361, S:	434.01	434.01
	3/14/2023	0001179	PACIFIC OFFICE EQUIPMENT	1117694	2/28/2023	Billable Copies - Admin 6553	388.58	
				1117693	2/28/2023	Billable Copies - Engineering 62	281.13	
				1117695	2/28/2023	Billable Copies - ER&R	30.68	700.39
	3/14/2023	0001255	PRICE FORD LINCOLN MERCI	5047385	2/28/2023	S439 Bolt - PA	112.94	112.94
	3/14/2023	0001258	PORT ANGELES POWER EQU	98007528	2/28/2023	Motor assy, starter - PA 1775	327.95	327.95
	3/14/2023	0001300	PUBLIC UTILITY DISTRICT	21685/02222023	2/22/2023	Electic Utility Charges- 51 Bedr	890.27	
				9896-03232023	2/23/2023	Electric Utility Chrg- 160 Grant S	630.25	1,520.52
	3/14/2023	0001405	LES SCHWAB TIRE CENTERS	38100522656	2/15/2023	Tire Repair - SQ 317	118.59	118.59
	3/14/2023	0001426	SEQUIM, CITY OF	1295.0 0301202	3/1/2023	Utility Charges (Water & Sewer	313.44	313.44
	3/14/2023	0001551	TACOMA SCREW PRODUCTS	140069394-00	2/16/2023	Clnr,ties,screws,rings,connect-l	779.91	
				100179435-00	2/27/2023	Rubber straps, deodorizing blks	312.23	
				140069906-00	2/21/2023	Screws and Nuts - SQ	157.10	
				140070178-00	2/23/2023	Hex caps screws; dome plow b	117.27	
				140069394-01	2/23/2023	Multi-link rings - LC	29.19	
				140069907-01	2/23/2023	Multi-link rings - LC	29.19	
				140070599-00	2/27/2023	Credit Return - SQ	-85.53	1,339.36
	3/14/2023	0001767	WEST WASTE & RECYCLING	0000277324	2/28/2023	Sanican, 410 Frontier -CB	120.00	
				0000274901	2/28/2023	Garbage Collection, 51 Bedrock	72.00	
				0000274902	2/28/2023	Garbage Collection,410 Frontie	36.00	228.00
	3/14/2023	0001781	WHITEHEADS AUTO PARTS IN	249964	2/27/2023	Flange bearings - LC 1768	858.77	
				250015	2/28/2023	Vise hammer - LC 20-SMTOOL	247.88	
				249963	2/27/2023	Air filters - LC 415	81.95	
				249962	2/27/2023	Uniden mic, antenna, MT w/coa	81.09	
				249931	2/27/2023	3-ton jack stand - LC 20-SMTO	60.74	
				249428	2/21/2023	Oil quarts - LC 179	46.78	
				249037	2/16/2023	Hydraulic filters - LC 203	35.69	
				249521	2/22/2023	Oil filters - LC 415	32.47	
				249592	2/23/2023	Deicer; top mount RB mast ant-	30.15	1,475.52
	3/14/2023	0004211	CENTURYLINK	4295169B/02232	2/23/2023	Phone services - ER&R 169B P	41.17	41.17

ERR

Bank : apbank U S BANK (Continued)

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0017663	ARAMARK UNIFORM SVCS IN	5120191957	2/23/2023	Laundry services - SQ	16.34	
				5120194986	2/28/2023	Laundry Services - PA	16.31	
				5120191893	2/23/2023	Laundry Services - WE	16.30	48.95 ✓
	3/14/2023	0022435	RACE STREET AUTO PARTS	621544-23	2/23/2023	Oil Filters,Wiper Blades- PA Stc	432.31	
				620424-23	2/15/2023	Led Lamps - PA 416	143.95	
				622330-23	3/2/2023	Sprk Plg,Filter:Air,Oil,Hydrlc- P/	63.31	
				621649-23	2/24/2023	Air Filter - PA Stores	27.48	
				621352-23	2/22/2023	Wipers - PA 164	24.20	
				622331-23	3/2/2023	Spark plugs - PA 155MP	3.45	694.70 ✓
	3/14/2023	0038943	SIX ROBBLEES INC	23P3763	2/24/2023	Steel tailgate latch assy - PA 20	382.07	382.07 ✓
	3/14/2023	0042872	PROPANE NORTHWEST	1509519512	2/22/2023	Propane - SQ	499.97	499.97 ✓
	3/14/2023	0043469	PETROCARD	0477081-IN	2/28/2023	UL Fuel Purchase - CH	12,304.67	
				0477267-IN	2/28/2023	Dyed Diesel Fuel Purchase - LC	8,350.34	
				0476972-INV	2/24/2023	Unlead Fuel Purchase - LC	3,491.61	
				0477015-IN	2/24/2023	Washer Fluid - LC	44.46	24,191.08 ✓
						Sub total for U S BANK:		38,860.64

200,529.66

Sheriff + Jail Med

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000360	CLALLAM COUNTY ER&R	2023.070E	2/28/2023	CHAIN GANG VEHICLE RENT.	3,800.00	3,800.00
	3/14/2023	0000539	EVERGREEN COLLISION, SEC	54376	2/20/2023	TOWING	371.35	371.35
	3/14/2023	0000628	GALLS LLC	022900210	12/7/2022	UNIFORM-CLERICI	181.01	181.01
	3/14/2023	0001136	OLYMPIC MEDICAL CENTER	OMC 3.2.23	3/2/2023	INMATE MEDICAL	607.18	607.18
	3/14/2023	0001300	PUBLIC UTILITY DISTRICT	115366 Feb 202	2/23/2023	EDWARDS RD UTILITIES	431.34	431.34
	3/14/2023	0001543	SWANSONS SERVICES CORP	1692382	2/16/2023	INDIGENT PAKS	32.00	32.00
	3/14/2023	0001734	WA ST PATROL	I23004741	3/1/2023	BACKGROUND CHECKS	763.00	763.00
	3/14/2023	0004211	CENTURYLINK	206-T01-0387 Fe	3/16/2023	DATA CONNECTION	336.06	336.06
	3/14/2023	0021386	STAPLES ADVANTAGE	3529118953	1/28/2023	OFFICE SUPPLIES	392.38	
				3529118952	1/28/2023	OFFICE SUPPLIES	381.89	
				3529118954	1/28/2023	OFFICE SUPPLIES	122.95	897.22
	3/14/2023	0024978	CORRECTIONAL HEALTHCAR	INV0103150	3/1/2023	NURSING CONTRACT	48,063.97	48,063.97
	3/14/2023	0025115	RADIA INC PS	ZAFS6O3	3/2/2023	INMATE MEDICAL	97.10	
				ZAF1HMH	3/2/2023	INMATE MEDICAL	50.69	
				ZAF1HMV	3/2/2023	INMATE MEDICAL	50.49	
				ZAFS6KN	3/2/2023	INMATE MEDICAL	27.77	
				ZAF1HMN	3/2/2023	INMATE MEDICAL	5.05	
				ZAFS6IZ	3/2/2023	INMATE MEDICAL	5.05	236.15
	3/14/2023	0033486	LN CURTIS & SONS INC	INV676771	2/15/2023	UNIFORMS - JAIL	106.30	106.30
	3/14/2023	0037246	MITCHELL, KAREN	022523	2/25/2023	PROJECT LIFESAVER MILEAC	39.30	39.30
	3/14/2023	0037247	HAIR BY NICOLE	022823	2/28/2023	INMATE HAIRCUTS	300.00	300.00
	3/14/2023	0041537	MCKESSON MEDICAL-SURGI	20343470	2/21/2023	CLINIC SUPPLIES	74.96	
				20340449	2/20/2023	CLINIC SUPPLIES	46.29	
				20343609	2/21/2023	CLINIC SUPPLIES	36.96	
				20336870	2/20/2023	CLINIC SUPPLIES	12.18	170.39
	3/14/2023	0041605	HOME DEPOT PRO	731521183	2/15/2023	JAIL & KITCHEN SUPPLIES	1,959.40	
				731300760	2/14/2023	JAIL SUPPLIES	280.66	2,240.06
	3/14/2023	0048022	SOUND INPATIENT PHYSICIAI	ZAETCR6	3/2/2023	INMATE MEDICAL	122.04	
				ZAE5C4H	3/2/2023	INMATE MEDICAL	79.28	
				ZAE5C4K	3/2/2023	INMATE MEDICAL	79.28	280.60
						Sub total for U S BANK:		58,855.93

Final Check List
CLALLAM COUNTY

Clerk

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/7/2023	0001179	PACIFIC OFFICE EQUIPMENT	1117230	3/2/2023	CLERKS OFFICE SERVICE C/	157.76	
				1117630	3/2/2023	CLERK'S OFICE CONTRACT #	121.82	
				1117631	3/2/2023	CLERK'S OFFICE CONTRACT	85.73	365.31
	3/7/2023	0020849	U S BANK	USBANK-CLERI	3/2/2023	CLERK TIME STAMP MACHIN	850.00	850.00
	3/7/2023	0046273	BROOKS, RICHARD	CCR4004	3/2/2023	BLAKE LFO REFUND- DIST CI	500.00	
				16-1-00149-1	3/2/2023	BLAKE LFO REFUND	120.00	620.00
	3/7/2023	0046398	BACKMAN, JACOB	CCR 7589	3/2/2023	BLAKE LFO REFUND - CREDI	295.00	295.00
	3/7/2023	0046683	ODP BUSINESS SOLUTIONS,	294264928001	3/2/2023	STAMPS FOR COMM STANLE	130.51	130.51
	3/7/2023	0048333	ROMIG, JON	95-1-00048-6	3/2/2023	BLAKE LFO REFUND	135.00	
				95-1-00124-5	3/2/2023	BLAKE LFO REFUND	135.00	270.00
	3/7/2023	0048334	BERTELSON, DANIEL	02-1-00486-4	3/2/2023	BLAKE LFO REFUND	196.46	
				11-1-00307-7	3/2/2023	BLAKE LFO REFUND	150.00	
				06-1-00526-0	3/2/2023	BLAKE LFO REFUND	150.00	496.46
	3/7/2023	0048335	BATY, DONALD E	04-1-00127-6	3/2/2023	BLAKE LFO REFUND	475.74	
				05-1-00386-2	3/2/2023	BLAKE LFO REFUND	324.17	
				06-1-00043-8	3/2/2023	BLAKE LFO REFUND	301.30	1,101.21
	3/7/2023	0048343	CASAD, BERRIT	BCASADJUVTR	3/2/2023	JUVENILE TRAVEL FEB 2023	53.06	53.06
						Sub total for U S BANK:		4,181.55

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0000360	CLALLAM COUNTY ER&R	2023.068E	3/14/2023	ER&R VEHICLE #166 FEB. 202	405.00	405.00
	3/14/2023	0000546	EXPRESS SERVICES, INC	28690254	3/14/2023	EXPRESS SERVICES	716.99	
				28664914	3/14/2023	EXPRESS SERVICES	602.78	
				28629905	3/14/2023	EXPRESS SERVICES	590.09	
				28599374	3/14/2023	EXPRESS SERVICES	526.64	2,436.50
	3/14/2023	0001211	PENINSULA DAILY NEWS	pdn2023	3/14/2023	PENINSULA DAILY NEWS 202	161.20	161.20
	3/14/2023	0026615	RAYMOND, RHONDA	pc3-2023	3/1/2023	PETTY CASH	131.21	131.21
						Sub total for U S BANK:		3,133.91

Public Works –
Bullman Beach

Bank : apbank U S BANK

Check #	Date	Vendor		Invoice	Inv Date	Description	Amount Paid	Check Total
	3/14/2023	0001300	PUBLIC UTILITY DISTRICT	24561-022223	2/22/2023	01/21/23~02/18/23 BULLMAN E	92.54	92.54
						Sub total for U S BANK:		92.54

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MAR 14 2023

Payroll Ending: 2/28/2023

Gross Earnings:	**$1,646,786.45**
Benefits Paid:	**$858,835.46**
Total Expenditures:	**$2,505,621.91**

STATE OF WASHINGTON)
)
COUNTY OF CLALLAM)

This is to certify that the foregoing 'Labor Distribution Totals by Fund' Report for the period herein indicated is a full, true, and correct representation of the earnings and benefits paid to all Clallam County employees as recorded in the books of original entry maintained by this office.

WITNESS MY HAND THIS 7th DAY OF March 2023

Sandra L. Williams

SANDRA L WILLIAMS, CHIEF DEPUTY FOR
SHOONA RIGGS, CLALLAM COUNTY AUDITOR

CLALLAM COUNTY BOARD OF COMMISSIONERS does hereby certify that the payroll herein specified has been disbursed and that the earnings and benefits listed above are approved for payment:

BOARD OF COMMISSIONERS
CLALLAM COUNTY, WASHINGTON

RANDY JOHNSON

MARK OZIAS

COPY

MIKE FRENCH

(County Administrator)

Payroll and Benefits Paid for 3 Payrolls: March 10, 2023					
Fund Name	Fund Number	Gross Earnings Paid by Fund #	Benefits Paid by Fund #	Employees Paid by Fund #	Total Expenditures
MONTHLY: February 2023					
General Fund	00100	748,890.85	288,348.03	132	1,037,238.88
Sheriff: Boating Safety/VRF	11003/04	632.68	103.97	2	736.65
Sheriff: OPNET	11008	7,008.15	2,404.92	2	9,413.07
Sheriff: OPSCAN	11065				0.00
Sheriff: Stonegarden	11068				0.00
Sheriff: Port Security	11069				0.00
HHS	11301	13,865.17	6,618.43	5	20,483.60
HHS-Alcohol/Drug	11321				0.00
HHS-Homeless Task Force	11322	2,412.50	1,156.22	1	3,568.72
Chem Depend/Mental Health	11323	2,412.54	1,156.19	1	3,568.73
HHS-Dev Disabilties	11331	5,459.00	2,373.71	1	7,832.71
Law Library	11401	505.45	43.59	1	549.04
Auditor-Doc Preservation	12401	979.95	83.97	1	1,063.92
Noxious Weed Control	13001	3,960.40	2,190.78	1	6,151.18
HR Risk Management	50401	4,629.03	526.25	2	5,155.28
Wellness Benefit/Transit Passes	50601				0.00
MONTHLY TOTALS		**790,755.72**	**305,006.06**		**1,095,761.78**
SEMI-MONTHLY: 2/16-28/2023					
General Fund	00100	586,338.52	384,963.86	203	971,302.38
HHS	11301	25,546.81	17,715.42	12	43,262.23
Prosecutor-Local Crime Victim	11701	4,400.47	3,370.18	2	7,770.65
Treasurer- O&M	12201	1,017.74	957.76	1	1,975.50
Auditor-Doc Preservation	12401	1,638.04	1,588.90	2	3,226.94
Noxious Weed Control	13001	2,745.84	1,878.26	1	4,624.10
Veterans Relief	19914	3,600.85	3,264.69	2	6,865.54
Affordable Housing Sales Tax	19951	4,348.15	2,116.94	1	6,465.09
HR-Risk Management	50401	12,801.86	7,248.25	2	20,050.11
HR-Worker's Compensation	50501	1,653.31	849.19	2	2,502.50
Wellness Benefit/Transit Passes	50601				0.00
SM TOTALS		**644,091.59**	**423,953.45**		**1,068,045.04**
ROADS: 2/16-28/2023 TOTALS					
PW - Roads	10101	178,645.94	107,551.03	63	286,196.97
PW - Flood Control	10135	4,098.35	2,270.04	2	6,368.39
PW - Solid Waste	40201	565.12	316.92	2	882.04
Clallam Bay/Sekiu Sewer	41401	10,290.12	5,898.73	8	16,188.85
PW - Carlsborg Sewer M&O	42401	632.93	403.39	6	1,036.32
ER&R	50301	17,706.68	13,435.84	12	31,142.52
Wellness Benefit/Transit Passes	50601				0.00
ROADS TOTALS		**211,939.14**	**129,875.95**		**341,815.09**
TOTALS		**$1,646,786.45**	**$858,835.46**		**$2,505,621.91**

Prepared by:

Angi Klahn, Deputy Auditor

COPY

Labor Distribution Totals By Fund

CLALLAM COUNTY

02/01/2023 to 02/28/2023-1 Cycle m

Monthly

Fund Worked : 00100
 # Emps : 132

Earnings Code & Description		Amount	Hours
r	REGULAR	587,728.78	14,189.20
v	VACATION	25,820.15	701.00
o15s	OVERTIME X 1.5 - SHERIFF DEPT	24,863.95	398.75
fh	FLOATING HOLIDAY	13,954.51	342.37
vp	VACATION PAYOFF	2,561.92	80.00
bsba	BS/BA EDUCATION INCENTIVE	1,656.55	
o20m	OT X 2.0 - CORR MANDATORY/SHRF	1,365.75	20.00
aaas	AA/AS EDUCATION INCENTIVE	1,296.77	
swa	SICK - WA PART-TIME	689.44	29.20
cu	COMP USED	495.03	14.50
sc15	HHS SCANNING PROJ OT X 1.5	327.86	6.25
phsm	PHONE STIPEND SMART PHONE	240.00	
wep	WEST END PAY	100.00	
asp	SHERIFF ACTING SUPERVISOR PAY	24.58	15.00
fto	FTO PREMIUM	11.45	8.00

Earnings Code & Description		Amount	Hours
o25v	OT X 2.5 - CORR VOLUNTEER/SHRF	28,505.49	297.75
s	SICK	25,512.03	702.25
h	HOLIDAY	21,109.46	519.00
o15j	OVERTIME x 1.5 - JUV DETENTION	4,707.97	113.75
accred	ACCREDITATION PAY	2,341.10	
ohjd	OT HOLIDAY - JUV DETENTION	1,564.04	36.00
aute	AUTO ALLOWANCE ELECTED	1,360.00	
detpay	DETECTIVE PAY	1,104.20	
auto	AUTO ALLOWANCE CONTRACTUAL	680.00	
oth	OVERTIME X 1.5 - HOURLY	408.67	30.05
oc1	ON CALL SHIFT DAY	255.05	7.00
aspj	ACTING SUPERVISOR PAY JUVENILE	138.78	96.00
aspd	SHERIFF ACTING SUP PAY DEPUTY	47.32	25.50
phns	PHONE STIPEND	20.00	
	Totals:	**748,890.85**	**17,631.57**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	68,683.40
pers2	PERS 2 RETIREMENT	24,345.64
leoff2	LEOFF 2 RETIREMENT	15,327.01
icm457	ICMA DEFERRED COMP	11,144.52
h457	MASSMUTUAL 457	6,997.52
fmlatx	WA Paid Family & Medical Leave	4,260.66
n457	NATIONWIDE 457	3,651.87
l&i	L&I - SELF INSURED	1,184.96
aflpre	AFLAC PRE TAX	976.03
ltdshr	LTD - SHERIFF	801.92
udmp	UNION DUES - 1619 MP	617.50
hr125	HEALTH REIMBURSEMENT	505.00
colaft	COLONIAL LIFE INS. POST TAX	431.42
udlc	UNION DUES - 1619 LC	370.50
aflaft	AFLAC POST TAX	273.28
rth457	ROTH-ICMA DEFERRED COMP	231.25
uw	UNITED WAY	135.00
wsatf	1619CD WSATF DUES	60.00
shrfnd	SHERIFF EMPLOYEE FUND	26.00

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	44,473.02
401a	401A DEFERRED COMPENSATION	16,360.19
medpre	HEALTH INSURANCE PRE TAX	11,610.23
medtx	MEDICARE TAX	10,401.04
psers	PSERS RETIREMENT	6,772.16
pers3	PERS 3 RETIREMENT	3,666.08
udteam	UNION DUES - TEAMSTERS	2,566.33
h457rt	ROTH-EMPOWER 457	1,000.00
genpre	SUN LIFE PRE TAX	811.84
udpd	UNION DUES - 1619 D	788.76
udps	UNION DUES - 1619 S	512.28
udcd	UNION DUES - 1619 CD C	484.26
leofcu	LEOFF RETIREMENT CATCH UP	384.98
n457rt	ROTH-NATIONWIDE 457	300.00
udcs	UNION DUES - 1619 CS	247.00
dshs	DSHS CHILD SUPPORT	200.00
colpre	COLONIAL LIFE INS. PRE TAX	81.69
shrfcf,	SHERIFF COFFEE FUND	46.00
garnfe	GARNISHMENT FEE	1.00

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 00100
 # Emps : 132

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	133,298.94
pers2	PERS 2 RETIREMENT	37,259.78
401a	401A DEFERRED COMPENSATION	12,611.56
medtx	MEDICARE TAX	10,401.04
vebahr	HRA VEBA	6,379.04
fmlatx	WA Paid Family & Medical Leave	1,595.18
genpre	SUN LIFE PRE TAX	292.00
	Totals:	**240,730.34**

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	44,473.02
l&i	L&I - SELF INSURED	15,654.81
psers	PSERS RETIREMENT	10,907.28
leoff2	LEOFF 2 RETIREMENT	9,523.24
pers3	PERS 3 RETIREMENT	5,048.60
unemp	UNEMPLOYMENT	664.34
leofcu	LEOFF RETIREMENT CATCH UP	239.20
	Totals:	**288,348.03**

Gross Earnings by Fund:	**748,890.85**	**17,631.57**
Total Fund Deductions:	**240,730.34**	
Fund Net:	**508,160.51**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 11004
 # Emps : 2

Earnings Code & Description		Amount	Hours
o15s	OVERTIME X 1.5 - SHERIFF DEPT	632.68	10.50
	Totals:	**632.68**	**10.50**

Deduction Code and Description		Amount
leoff2	LEOFF 2 RETIREMENT	53.97
socsec	SOCIAL SECURITY	39.05
medtx	MEDICARE TAX	9.13
fmlatx	WA Paid Family & Medical Leave	3.69
l&i	L&I - SELF INSURED	0.81
udps	UNION DUES - 1619 S	0.47
fedtx	FEDERAL WITHHOLDING TAX	43.16
401a	401A DEFERRED COMPENSATION	13.63
udpd	UNION DUES - 1619 D	4.27
ltdshr	LTD - SHERIFF	2.86
icm457	ICMA DEFERRED COMP	0.78
	Totals:	**171.82**

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	39.05
l&i	L&I - SELF INSURED	20.25
fmlatx	WA Paid Family & Medical Leave	1.38
leoff2	LEOFF 2 RETIREMENT	33.53
medtx	MEDICARE TAX	9.13
unemp	UNEMPLOYMENT	0.63
	Totals:	**103.97**

Gross Earnings by Fund:	**632.68**	**10.50**
Total Fund Deductions:	**171.82**	
Fund Net:	**460.86**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 11008
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	5,511.78	181.00
h	HOLIDAY	241.35	8.00
s	SICK	1,206.75	40.00
accred	ACCREDITATION PAY	48.27	
	Totals:	**7,008.15**	**229.00**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	584.88
pers2	PERS 2 RETIREMENT	310.07
medtx	MEDICARE TAX	100.00
fmlatx	WA Paid Family & Medical Leave	40.80
shrfnd	SHERIFF EMPLOYEE FUND	10.00
socsec	SOCIAL SECURITY	427.59
medpre	HEALTH INSURANCE PRE TAX	111.60
udlc	UNION DUES - 1619 LC	61.75
l&i	L&I - SELF INSURED	14.32
shrfcf	SHERIFF COFFEE FUND	5.00
	Totals:	**1,666.01**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,325.00
socsec	SOCIAL SECURITY	427.59
l&i	L&I - SELF INSURED	23.51
unemp	UNEMPLOYMENT	7.01
pers2	PERS 2 RETIREMENT	506.54
medtx	MEDICARE TAX	100.00
fmlatx	WA Paid Family & Medical Leave	15.27
	Totals:	**2,404.92**

Gross Earnings by Fund:	**7,008.15**	**229.00**
Total Fund Deductions:	**1,666.01**	
Fund Net:	**5,342.14**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 11301
 # Emps : 5

Earnings Code & Description		Amount	Hours
r	REGULAR	11,510.61	397.80
v	VACATION	682.94	24.00
s	SICK	363.10	12.00
sc15	HHS SCANNING PROJ OT X 1.5	771.55	13.00
h	HOLIDAY	536.97	19.20
	Totals:	**13,865.17**	**466.00**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	1,054.73
icm457	ICMA DEFERRED COMP	652.21
medpre	HEALTH INSURANCE PRE TAX	556.93
medtx	MEDICARE TAX	192.74
fmlatx	WA Paid Family & Medical Leave	80.70
rth457	ROTH-ICMA DEFERRED COMP	21.73
colpre	COLONIAL LIFE INS. PRE TAX	6.43
socsec	SOCIAL SECURITY	824.13
pers2	PERS 2 RETIREMENT	580.36
udteam	UNION DUES - TEAMSTERS	196.67
pers3	PERS 3 RETIREMENT	119.29
l&i	L&I - SELF INSURED	32.65
aflpre	AFLAC PRE TAX	9.47
aflaft	AFLAC POST TAX	2.53
	Totals:	**4,330.57**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	3,915.00
socsec	SOCIAL SECURITY	824.13
l&i	L&I - SELF INSURED	231.72
medtx	MEDICARE TAX	192.74
unemp	UNEMPLOYMENT	13.86
pers2	PERS 2 RETIREMENT	948.09
pers3	PERS 3 RETIREMENT	247.89
401a	401A DEFERRED COMPENSATION	214.79
fmlatx	WA Paid Family & Medical Leave	30.21
	Totals:	**6,618.43**

Gross Earnings by Fund:	**13,865.17**	**466.00**
Total Fund Deductions:	**4,330.57**	
Fund Net:	**9,534.60**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 11322
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	1,868.23	63.50
h	HOLIDAY	117.68	4.00
v	VACATION	95.61	3.25
s	SICK	213.30	7.25
jd	JURY DUTY	117.68	4.00
	Totals:	**2,412.50**	**82.00**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	214.36
socsec	SOCIAL SECURITY	144.54
medpre	HEALTH INSURANCE PRE TAX	81.16
udteam	UNION DUES - TEAMSTERS	33.01
l&i	L&I - SELF INSURED	5.34
pers2	PERS 2 RETIREMENT	153.43
icm457	ICMA DEFERRED COMP	96.50
medtx	MEDICARE TAX	33.81
fmlatx	WA Paid Family & Medical Leave	14.06
	Totals:	**776.21**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	662.51
socsec	SOCIAL SECURITY	144.54
medtx	MEDICARE TAX	33.81
fmlatx	WA Paid Family & Medical Leave	5.27
pers2	PERS 2 RETIREMENT	250.66
401a	401A DEFERRED COMPENSATION	48.24
l&i	L&I - SELF INSURED	8.77
unemp	UNEMPLOYMENT	2.42
	Totals:	**1,156.22**

Gross Earnings by Fund:	**2,412.50**	**82.00**
Total Fund Deductions:	**776.21**	
Fund Net:	**1,636.29**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 11323
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	1,868.24	63.50
h	HOLIDAY	117.69	4.00
v	VACATION	95.62	3.25
s	SICK	213.30	7.25
jd	JURY DUTY	117.69	4.00
	Totals:	**2,412.54**	**82.00**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	214.35
socsec	SOCIAL SECURITY	144.55
medpre	HEALTH INSURANCE PRE TAX	81.14
udteam	UNION DUES - TEAMSTERS	32.99
l&i	L&I - SELF INSURED	5.34
pers2	PERS 2 RETIREMENT	153.44
icm457	ICMA DEFERRED COMP	96.50
medtx	MEDICARE TAX	33.80
fmlatx	WA Paid Family & Medical Leave	14.03
	Totals:	**776.14**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	662.49
socsec	SOCIAL SECURITY	144.55
medtx	MEDICARE TAX	33.80
fmlatx	WA Paid Family & Medical Leave	5.25
pers2	PERS 2 RETIREMENT	250.66
401a	401A DEFERRED COMPENSATION	48.26
l&i	L&I - SELF INSURED	8.77
unemp	UNEMPLOYMENT	2.41
	Totals:	**1,156.19**

Gross Earnings by Fund:	**2,412.54**	**82.00**
Total Fund Deductions:	**776.14**	
Fund Net:	**1,636.40**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 11331
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	5,186.05	152.00
h	HOLIDAY	272.95	8.00
	Totals:	**5,459.00**	**160.00**

Deduction Code and Description		Amount
h457	MASSMUTUAL 457	500.00
pers2	PERS 2 RETIREMENT	347.19
medpre	HEALTH INSURANCE PRE TAX	227.30
medtx	MEDICARE TAX	75.86
l&i	L&I - SELF INSURED	12.02
fedtx	FEDERAL WITHHOLDING TAX	477.30
socsec	SOCIAL SECURITY	324.37
udteam	UNION DUES - TEAMSTERS	77.00
fmlatx	WA Paid Family & Medical Leave	31.78
	Totals:	**2,072.82**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,260.00
socsec	SOCIAL SECURITY	324.37
medtx	MEDICARE TAX	75.86
fmlatx	WA Paid Family & Medical Leave	11.90
pers2	PERS 2 RETIREMENT	567.19
401a	401A DEFERRED COMPENSATION	109.18
l&i	L&I - SELF INSURED	19.75
unemp	UNEMPLOYMENT	5.46
	Totals:	**2,373.71**

Gross Earnings by Fund:	**5,459.00**	**160.00**
Total Fund Deductions:	**2,072.82**	
Fund Net:	**3,386.18**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 11401
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	505.45	25.50

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	31.34
fedtx	FEDERAL WITHHOLDING TAX	6.80
l&i	L&I - SELF INSURED	2.02

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	31.34
l&i	L&I - SELF INSURED	3.31
unemp	UNEMPLOYMENT	0.51

Earnings Code & Description		Amount	Hours
	Totals:	**505.45**	**25.50**

Deduction Code and Description		Amount
medtx	MEDICARE TAX	7.33
fmlatx	WA Paid Family & Medical Leave	2.94
	Totals:	**50.43**

Benefit Code and Description		Amount
medtx	MEDICARE TAX	7.33
fmlatx	WA Paid Family & Medical Leave	1.10
	Totals:	**43.59**

Gross Earnings by Fund:	**505.45**	**25.50**
Total Fund Deductions:	**50.43**	
Fund Net:	**455.02**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 12401
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	832.73	45.25
swa	SICK - WA PART-TIME	147.22	8.00
	Totals:	**979.95**	**53.25**

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	60.76
fmlatx	WA Paid Family & Medical Leave	5.70
medtx	MEDICARE TAX	14.21
l&i	L&I - SELF INSURED	3.58
	Totals:	**84.25**

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	60.76
l&i	L&I - SELF INSURED	5.88
unemp	UNEMPLOYMENT	0.98
medtx	MEDICARE TAX	14.21
fmlatx	WA Paid Family & Medical Leave	2.14
	Totals:	**83.97**

Gross Earnings by Fund:	**979.95**	**53.25**
Total Fund Deductions:	**84.25**	
Fund Net:	**895.70**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 13001
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	3,762.38	152.00
h	HOLIDAY	198.02	8.00
	Totals:	**3,960.40**	**160.00**

Deduction Code and Description		Amount
pers2	PERS 2 RETIREMENT	251.88
medpre	HEALTH INSURANCE PRE TAX	227.30
fedtx	FEDERAL WITHHOLDING TAX	105.41
medtx	MEDICARE TAX	54.13
l&i	L&I - SELF INSURED	12.02
socsec	SOCIAL SECURITY	231.45
401a	401A DEFERRED COMPENSATION	118.81
udteam	UNION DUES - TEAMSTERS	56.00
fmlatx	WA Paid Family & Medical Leave	23.05
	Totals:	**1,080.05**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,260.00
socsec	SOCIAL SECURITY	231.45
401a	401A DEFERRED COMPENSATION	79.21
fmlatx	WA Paid Family & Medical Leave	8.63
pers2	PERS 2 RETIREMENT	411.49
l&i	L&I - SELF INSURED	141.91
medtx	MEDICARE TAX	54.13
unemp	UNEMPLOYMENT	3.96
	Totals:	**2,190.78**

Gross Earnings by Fund:	**3,960.40**	**160.00**
Total Fund Deductions:	**1,080.05**	
Fund Net:	**2,880.35**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 50401
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	4,219.59	127.50

Earnings Code & Description		Amount	Hours
swa	SICK - WA PART-TIME	409.44	12.00
	Totals:	**4,629.03**	**139.50**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	428.87
medtx	MEDICARE TAX	67.12
l&i	L&I - SELF INSURED	10.09

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	287.00
fmlatx	WA Paid Family & Medical Leave	26.95
	Totals:	**820.03**

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	287.00
medtx	MEDICARE TAX	67.12
unemp	UNEMPLOYMENT	4.63

Benefit Code and Description		Amount
l&i	L&I - SELF INSURED	157.41
fmlatx	WA Paid Family & Medical Leave	10.09
	Totals:	**526.25**

Gross Earnings by Fund:	**4,629.03**	**139.50**
Total Fund Deductions:	**820.03**	
Fund Net:	**3,809.00**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 65101
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	8,206.45	192.00
bhu	BENEFIT HOURS USED - TAX DIST	368.76	8.00
	Totals:	**8,575.21**	**200.00**

Deduction Code and Description		Amount
fd1457	DRS 457 DEFERRED COMP FIRE 1	700.00
fedtx	FEDERAL WITHHOLDING TAX	540.87
socsec	SOCIAL SECURITY	74.40
fmlf1	WA Paid Family & Medical Leave	49.92
leoff2	LEOFF 2 RETIREMENT	629.11
medtx	MEDICARE TAX	124.34
l&i1	L&I - FIRE 1	69.36
	Totals:	**2,188.00**

Benefit Code and Description		Amount
leoff2	LEOFF 2 RETIREMENT	390.89
socsec	SOCIAL SECURITY	74.40
medtx	MEDICARE TAX	124.34
	Totals:	**589.63**

Gross Earnings by Fund:	**8,575.21**	**200.00**
Total Fund Deductions:	**2,188.00**	
Fund Net:	**6,387.21**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 65151
 # Emps : 12

Earnings Code & Description		Amount	Hours
r	REGULAR	8,787.59	196.00

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	761.48
medtx	MEDICARE TAX	127.44

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	544.85

Earnings Code & Description		Amount	Hours
	Totals:	**8,787.59**	**196.00**

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	544.85
fmlf5	WA Paid Family & Medical Leave	51.18
	Totals:	**1,484.95**

Benefit Code and Description		Amount
medtx	MEDICARE TAX	127.44
	Totals:	**672.29**

Gross Earnings by Fund:	**8,787.59**	**196.00**
Total Fund Deductions:	**1,484.95**	
Fund Net:	**7,302.64**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 65161
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	267.58	17.00
	Totals:	**267.58**	**17.00**

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	16.59
fmlf6	WA Paid Family & Medical Leave	1.56
medtx	MEDICARE TAX	3.88
	Totals:	**22.03**

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	16.59
medtx	MEDICARE TAX	3.88
	Totals:	**20.47**

Gross Earnings by Fund:	**267.58**	**17.00**
Total Fund Deductions:	**22.03**	
Fund Net:	**245.55**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 65171
 # Emps : 13

Earnings Code & Description		Amount	Hours
r	REGULAR	12,833.13	285.25
bhu	BENEFIT HOURS USED - TAX DIST	2,294.75	40.00
	Totals:	**15,127.88**	**325.25**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	987.15
socsec	SOCIAL SECURITY	368.83
fmlf4	WA Paid Family & Medical Leave	88.06
leof#4	LEOFF 2 RETIREMENT FIRE 4	782.97
medtx	MEDICARE TAX	219.36
l&if4	L&I - FIRE 4	62.55
	Totals:	**2,508.92**

Benefit Code and Description		Amount
leof#4	LEOFF 2 RETIREMENT FIRE 4	486.49
medtx	MEDICARE TAX	219.36
socsec	SOCIAL SECURITY	368.83
	Totals:	**1,074.68**

Gross Earnings by Fund:	**15,127.88**	**325.25**
Total Fund Deductions:	**2,508.92**	
Fund Net:	**12,618.96**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 67101
 # Emps : 3

Earnings Code & Description		Amount	Hours
r	REGULAR	5,759.00	254.50
ott	OVERTIME - TAXING DIST	586.50	17.00
	Totals:	**6,345.50**	**271.50**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	438.16
pers2	PERS 2 RETIREMENT	271.35
l&iagn	L&I - AGNEW	76.72
socsec	SOCIAL SECURITY	393.42
medtx	MEDICARE TAX	92.01
	Totals:	**1,271.66**

Benefit Code and Description		Amount
pers2	PERS 2 RETIREMENT	443.29
medtx	MEDICARE TAX	92.01
socsec	SOCIAL SECURITY	393.42
fmlagn	WA Paid Family & Medical Leave	36.93
	Totals:	**965.65**

Gross Earnings by Fund:	**6,345.50**	**271.50**
Total Fund Deductions:	**1,271.66**	
Fund Net:	**5,073.84**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 67121
 # Emps : 3

Earnings Code & Description		Amount	Hours
r	REGULAR	2,365.00	55.00

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	146.64
fmlcln	WA Paid Family & Medical Leave	13.76

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	146.64

Earnings Code & Description		Amount	Hours
	Totals:	2,365.00	55.00

Deduction Code and Description		Amount
medtx	MEDICARE TAX	34.29
	Totals:	194.69

Benefit Code and Description		Amount
medtx	MEDICARE TAX	34.29
	Totals:	180.93

Gross Earnings by Fund:	2,365.00	55.00
Total Fund Deductions:	194.69	
Fund Net:	2,170.31	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 67141
 # Emps : 3

Earnings Code & Description		Amount	Hours
r	REGULAR	6,364.00	244.00

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	394.57
fedtx	FEDERAL WITHHOLDING TAX	223.00
l&ihig	L&I - HIGHLAND IRRIGATION	68.04

Benefit Code and Description		Amount
pers2h	PERS 2 RETIREMENT - HIGHLAND	496.23
medtx	MEDICARE TAX	92.28

Earnings Code & Description		Amount	Hours
	Totals:	**6,364.00**	**244.00**

Deduction Code and Description		Amount
pers2h	PERS 2 RETIREMENT - HIGHLAND	303.75
medtx	MEDICARE TAX	92.28
fmlhig	WA Paid Family & Medical Leave	37.04
	Totals:	**1,118.68**

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	394.57
	Totals:	**983.08**

	Gross Earnings by Fund:	**6,364.00**	**244.00**
	Total Fund Deductions:	**1,118.68**	
	Fund Net:	**5,245.32**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 67701
 # Emps : 5

Earnings Code & Description		Amount	Hours
r	REGULAR	6,037.50	252.00

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	374.33
medtx	MEDICARE TAX	87.56

Benefit Code and Description		Amount
socsec	SOCIAL SECURITY	374.33

Earnings Code & Description		Amount	Hours
	Totals:	6,037.50	252.00

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	160.58
fmlbld	WA Paid Family & Medical Leave	35.15
	Totals:	657.62

Benefit Code and Description		Amount
medtx	MEDICARE TAX	87.56
	Totals:	461.89

Gross Earnings by Fund:	6,037.50	252.00
Total Fund Deductions:	657.62	
Fund Net:	5,379.88	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : 67731
 # Emps : 9

Earnings Code & Description		Amount	Hours
r	REGULAR	28,572.60	950.75
ott	OVERTIME - TAXING DIST	1,174.93	23.50
bhu	BENEFIT HOURS USED - TAX DIST	5,929.16	162.00
	Totals:	**35,676.69**	**1,136.25**

Deduction Code and Description		Amount
socsec	SOCIAL SECURITY	2,211.95
pers2s	PERS 2 RETIREMENT - SUNLAND	2,196.28
medsun	HEALTH INSURANCE SUNLAND	430.16
fmlsun	WA Paid Family & Medical Leave	207.67
fedtx	FEDERAL WITHHOLDING TAX	2,208.85
medtx	MEDICARE TAX	517.32
l&isun	L&I - SUNLAND	212.29
	Totals:	**7,984.52**

Benefit Code and Description		Amount
medsun	HEALTH INSURANCE SUNLAND	11,472.64
socsec	SOCIAL SECURITY	2,211.95
pers2s	PERS 2 RETIREMENT - SUNLAND	3,587.95
medtx	MEDICARE TAX	517.32
	Totals:	**17,789.86**

Gross Earnings by Fund:	**35,676.69**	**1,136.25**
Total Fund Deductions:	**7,984.52**	
Fund Net:	**27,692.17**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : - Totals -
 # Emps : 196

Earnings Code & Description		Amount	Hours
r	REGULAR	702,186.69	17,843.75
s	SICK	27,508.48	768.75
o15s	OVERTIME X 1.5 - SHERIFF DEPT	25,496.63	409.25
fh	FLOATING HOLIDAY	13,954.51	342.37
o15j	OVERTIME x 1.5 - JUV DETENTION	4,707.97	113.75
accred	ACCREDITATION PAY	2,389.37	
bsba	BS/BA EDUCATION INCENTIVE	1,656.55	
o20m	OT X 2.0 - CORR MANDATORY/SHRF	1,365.75	20.00
aaas	AA/AS EDUCATION INCENTIVE	1,296.77	
detpay	DETECTIVE PAY	1,104.20	
auto	AUTO ALLOWANCE CONTRACTUAL	680.00	
oth	OVERTIME X 1.5 - HOURLY	408.67	30.05
phsm	PHONE STIPEND SMART PHONE	240.00	
aspj	ACTING SUPERVISOR PAY JUVENILE	138.78	96.00
aspd	SHERIFF ACTING SUP PAY DEPUTY	47.32	25.50
phns	PHONE STIPEND	20.00	
o25v	OT X 2.5 - CORR VOLUNTEER/SHRF	28,505.49	297.75
v	VACATION	26,694.32	731.50
h	HOLIDAY	22,594.12	570.20
bhu	BENEFIT HOURS USED - TAX DIST	8,592.67	210.00
vp	VACATION PAYOFF	2,561.92	80.00
ott	OVERTIME - TAXING DIST	1,761.43	40.50
ohjd	OT HOLIDAY - JUV DETENTION	1,564.04	36.00
aute	AUTO ALLOWANCE ELECTED	1,360.00	
swa	SICK - WA PART-TIME	1,246.10	49.20
sc15	HHS SCANNING PROJ OT X 1.5	1,099.41	19.25
cu	COMP USED	495.03	14.50
oc1	ON CALL SHIFT DAY	255.05	7.00
jd	JURY DUTY	235.37	8.00
wep	WEST END PAY	100.00	
asp	SHERIFF ACTING SUPERVISOR PAY	24.58	15.00
fto	FTO PREMIUM	11.45	8.00
	Totals:	**880,302.67**	**21,736.32**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	77,133.35
pers2	PERS 2 RETIREMENT	26,413.36
leoff2	LEOFF 2 RETIREMENT	16,010.09
medtx	MEDICARE TAX	12,287.65
h457	MASSMUTUAL 457	7,497.52
fmlatx	WA Paid Family & Medical Leave	4,504.36
n457	NATIONWIDE 457	3,651.87
pers2s	PERS 2 RETIREMENT - SUNLAND	2,196.28
h457rt	ROTH-EMPOWER 457	1,000.00
genpre	SUN LIFE PRE TAX	811.84
udpd	UNION DUES - 1619 D	793.03
fd1457	DRS 457 DEFERRED COMP FIRE 1	700.00
udps	UNION DUES - 1619 S	512.75
udcd	UNION DUES - 1619 CD C	484.26
colaft	COLONIAL LIFE INS. POST TAX	431.42
leofcu	LEOFF RETIREMENT CATCH UP	384.98
n457rt	ROTH-NATIONWIDE 457	300.00
rth457	ROTH-ICMA DEFERRED COMP	252.98
socsec	SOCIAL SECURITY	51,513.38
401a	401A DEFERRED COMPENSATION	16,492.63
medpre	HEALTH INSURANCE PRE TAX	12,895.66
icm457	ICMA DEFERRED COMP	11,990.51
psers	PSERS RETIREMENT	6,772.16
pers3	PERS 3 RETIREMENT	3,785.37
udteam	UNION DUES - TEAMSTERS	2,962.00
l&i	L&I - SELF INSURED	1,283.15
aflpre	AFLAC PRE TAX	985.50
ltdshr	LTD - SHERIFF	804.78
leof#4	LEOFF 2 RETIREMENT FIRE 4	782.97
udmp	UNION DUES - 1619 MP	617.50
hr125	HEALTH REIMBURSEMENT	505.00
udlc	UNION DUES - 1619 LC	432.25
medsun	HEALTH INSURANCE SUNLAND	430.16
pers2h	PERS 2 RETIREMENT - HIGHLAND	303.75
aflaft	AFLAC POST TAX	275.81
udcs	UNION DUES - 1619 CS	247.00

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/01/2023 to 02/28/2023-1 Cycle m

Fund Worked : - Totals -
 # Emps : 196

Deduction Code and Description		Amount
l&isun	L&I - SUNLAND	212.29
dshs	DSHS CHILD SUPPORT	200.00
colpre	COLONIAL LIFE INS. PRE TAX	88.12
l&iagn	L&I - AGNEW	76.72
l&ihig	L&I - HIGHLAND IRRIGATION	68.04
wsatf	1619CD WSATF DUES	60.00
shrfcf	SHERIFF COFFEE FUND	51.00
fmlhig	WA Paid Family & Medical Leave	37.04
fmlbld	WA Paid Family & Medical Leave	35.15
fmlf6	WA Paid Family & Medical Leave	1.56
fmlsun	WA Paid Family & Medical Leave	207.67
uw	UNITED WAY	135.00
fmlf4	WA Paid Family & Medical Leave	88.06
l&i1	L&I - FIRE 1	69.36
l&if4	L&I - FIRE 4	62.55
fmlf5	WA Paid Family & Medical Leave	51.18
fmlf1	WA Paid Family & Medical Leave	49.92
shrfnd	SHERIFF EMPLOYEE FUND	36.00
fmlcln	WA Paid Family & Medical Leave	13.76
garnfe	GARNISHMENT FEE	1.00
	Totals:	**269,989.74**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	142,383.94
pers2	PERS 2 RETIREMENT	40,637.70
401a	401A DEFERRED COMPENSATION	13,111.24
medsun	HEALTH INSURANCE SUNLAND	11,472.64
leoff2	LEOFF 2 RETIREMENT	9,947.66
pers3	PERS 3 RETIREMENT	5,296.49
fmlatx	WA Paid Family & Medical Leave	1,686.42
pers2h	PERS 2 RETIREMENT - HIGHLAND	496.23
genpre	SUN LIFE PRE TAX	292.00
fmlagn	WA Paid Family & Medical Leave	36.93
socsec	SOCIAL SECURITY	51,513.38
l&i	L&I - SELF INSURED	16,276.09
medtx	MEDICARE TAX	12,287.65
psers	PSERS RETIREMENT	10,907.28
vebahr	HRA VEBA	6,379.04
pers2s	PERS 2 RETIREMENT - SUNLAND	3,587.95
unemp	UNEMPLOYMENT	706.21
leof#4	LEOFF 2 RETIREMENT FIRE 4	486.49
leofcu	LEOFF RETIREMENT CATCH UP	239.20
	Totals:	**327,744.54**

Grand Total Gross Earnings:	**880,302.67**	**21,736.32**
Grand Total Deductions:	**269,989.74**	
Grand Total Net:	**610,312.93**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Semi-Monthly

Fund Worked : 00100
 # Emps : 203

Earnings Code & Description		Amount	Hours
r	REGULAR	414,388.50	11,563.99
s	SICK	26,094.89	721.89
fh	FLOATING HOLIDAY	18,970.68	474.70
o15s	OVERTIME X 1.5 - SHERIFF DEPT	10,732.28	198.00
sc15	HHS SCANNING PROJ OT X 1.5	5,286.55	124.25
oth	OVERTIME X 1.5 - HOURLY	2,423.73	182.75
admi	ADMINISTRATIVE LEAVE PAID	1,171.63	24.00
auto	AUTO ALLOWANCE CONTRACTUAL	850.00	
o20m	OT X 2.0 - CORR MANDATORY/SHRF	710.71	11.00
bsba	BS/BA EDUCATION INCENTIVE	616.89	
o15j	OVERTIME x 1.5 - JUV DETENTION	508.50	14.25
oc1	ON CALL SHIFT DAY	416.27	11.00
dont	DONATED TIME USED	144.81	6.30
uapr	URINE ANALYSIS PREMIUM	112.50	
aspj	ACTING SUPERVISOR PAY JUVENILE	65.56	48.00
phns	PHONE STIPEND	50.00	
h	HOLIDAY	46,155.38	1,281.66
sevr	SEVERANCE PAY	21,089.58	
v	VACATION	17,213.24	401.76
o25v	OT X 2.5 - CORR VOLUNTEER/SHRF	9,638.96	122.65
vp	VACATION PAYOFF	4,415.85	108.88
ohjd	OT HOLIDAY - JUV DETENTION	1,262.88	36.00
accred	ACCREDITATION PAY	1,095.81	
fl	FUNERAL LEAVE	741.12	25.25
aute	AUTO ALLOWANCE ELECTED	680.00	
cu	COMP USED	521.72	17.73
oc2	ON CALL NON-SHIFT DAY	432.41	4.00
phsm	PHONE STIPEND SMART PHONE	200.00	
fto	FTO PREMIUM	142.52	80.00
detpay	DETECTIVE PAY	99.43	
aaas	AA/AS EDUCATION INCENTIVE	58.04	
asp	SHERIFF ACTING SUPERVISOR PAY	48.08	32.00
	Totals:	**586,338.52**	**15,490.06**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	48,598.18
medpre	HEALTH INSURANCE PRE TAX	32,656.27
401a	401A DEFERRED COMPENSATION	10,737.52
medtx	MEDICARE TAX	7,883.06
psers	PSERS RETIREMENT	4,405.34
pers3	PERS 3 RETIREMENT	3,223.93
aflpre	AFLAC PRE TAX	1,900.84
h457	MASSMUTUAL 457	1,276.35
l&i	L&I - SELF INSURED	1,057.64
dc125	DEPENDENT CARE	833.32
ltdshr	LTD - SHERIFF	715.36
udpd	UNION DUES - 1619 D	510.19
pers1	PERS 1 RETIREMENT	408.22
udmp	UNION DUES - 1619 MP	339.68
colaft	COLONIAL LIFE INS. POST TAX	279.25
udtint	TEAMSTERS INIT FEE or ADJ	212.51
uw	UNITED WAY	85.00
udcs	UNION DUES - 1619 CS	30.88
socsec	SOCIAL SECURITY	33,706.58
pers2	PERS 2 RETIREMENT	24,172.31
icm457	ICMA DEFERRED COMP	8,480.48
leoff2	LEOFF 2 RETIREMENT	4,925.97
fmlatx	WA Paid Family & Medical Leave	3,388.32
udteam	UNION DUES - TEAMSTERS	3,075.16
genpre	SUN LIFE PRE TAX	1,477.14
n457	NATIONWIDE 457	1,222.50
hr125	HEALTH REIMBURSEMENT	908.33
rth457	ROTH-ICMA DEFERRED COMP	774.01
dshs	DSHS CHILD SUPPORT	637.38
dshsca	DSHS CHILD SUPPORT CALIFORNIA	500.00
udcd	UNION DUES - 1619 CD C	370.56
udlc	UNION DUES - 1619 LC	282.53
aflaft	AFLAC POST TAX	255.53
colpre	COLONIAL LIFE INS. PRE TAX	96.80
udps	UNION DUES - 1619 S	73.26
shrfcf	SHERIFF COFFEE FUND	15.00

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 00100
 # Emps : 203

Deduction Code and Description		Amount
shrfnd	SHERIFF EMPLOYEE FUND	14.81

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	251,582.87
socsec	SOCIAL SECURITY	33,706.58
l&i	L&I - SELF INSURED	9,947.57
medtx	MEDICARE TAX	7,883.06
pers3	PERS 3 RETIREMENT	4,955.43
fmlatx	WA Paid Family & Medical Leave	1,268.61
genpre	SUN LIFE PRE TAX	544.80

Deduction Code and Description		Amount
garnfe	GARNISHMENT FEE	1.00
	Totals:	**199,531.21**

Benefit Code and Description		Amount
pers2	PERS 2 RETIREMENT	38,733.57
vebahr	HRA VEBA	15,037.30
401a	401A DEFERRED COMPENSATION	9,911.32
psers	PSERS RETIREMENT	7,095.26
leoff2	LEOFF 2 RETIREMENT	3,060.66
pers1	PERS 1 RETIREMENT	706.90
unemp	UNEMPLOYMENT	529.93
	Totals:	**384,963.86**

Gross Earnings by Fund:	**586,338.52**	**15,490.06**
Total Fund Deductions:	**199,531.21**	
Fund Net:	**386,807.31**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 11301
 # Emps : 12

Earnings Code & Description		Amount	Hours
r	REGULAR	17,151.33	547.20
vp	VACATION PAYOFF	1,912.27	46.00
fh	FLOATING HOLIDAY	800.65	16.00
spt	SICK PAYOFF - TERMINATION 10%	471.82	113.50
cu	COMP USED	259.81	8.00
h	HOLIDAY	2,346.45	75.20
sc15	HHS SCANNING PROJ OT X 1.5	1,431.57	38.00
s	SICK	609.98	27.00
v	VACATION	343.72	16.50
oth	OVERTIME X 1.5 - HOURLY	219.21	13.50
	Totals:	**25,546.81**	**900.90**

Deduction Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,977.46
pers2	PERS 2 RETIREMENT	1,473.17
401a	401A DEFERRED COMPENSATION	616.08
medtx	MEDICARE TAX	339.34
fmlatx	WA Paid Family & Medical Leave	148.72
rth457	ROTH-ICMA DEFERRED COMP	71.41
udmp	UNION DUES - 1619 MP	61.76
hr125	HEALTH REIMBURSEMENT	50.00
fedtx	FEDERAL WITHHOLDING TAX	1,704.38
socsec	SOCIAL SECURITY	1,450.89
icm457	ICMA DEFERRED COMP	543.19
udteam	UNION DUES - TEAMSTERS	254.95
aflpre	AFLAC PRE TAX	117.91
aflaft	AFLAC POST TAX	68.40
l&i	L&I - SELF INSURED	51.63
	Totals:	**8,929.29**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	12,650.00
socsec	SOCIAL SECURITY	1,450.89
l&i	L&I - SELF INSURED	365.99
fmlatx	WA Paid Family & Medical Leave	55.70
unemp	UNEMPLOYMENT	23.17
pers2	PERS 2 RETIREMENT	2,406.62
401a	401A DEFERRED COMPENSATION	373.71
medtx	MEDICARE TAX	339.34
vebahr	HRA VEBA	50.00
	Totals:	**17,715.42**

Gross Earnings by Fund:	**25,546.81**	**900.90**
Total Fund Deductions:	**8,929.29**	
Fund Net:	**16,617.52**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 11701
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	2,965.30	100.50
h	HOLIDAY	476.92	16.00
s	SICK	958.25	31.00
	Totals:	**4,400.47**	**147.50**

Deduction Code and Description		Amount
pers2	PERS 2 RETIREMENT	279.87
medpre	HEALTH INSURANCE PRE TAX	227.30
401a	401A DEFERRED COMPENSATION	116.69
medtx	MEDICARE TAX	60.51
l&i	L&I - SELF INSURED	7.95
socsec	SOCIAL SECURITY	258.74
fedtx	FEDERAL WITHHOLDING TAX	195.87
udteam	UNION DUES - TEAMSTERS	67.50
fmlatx	WA Paid Family & Medical Leave	25.62
	Totals:	**1,240.05**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	2,520.00
socsec	SOCIAL SECURITY	258.74
401a	401A DEFERRED COMPENSATION	46.68
fmlatx	WA Paid Family & Medical Leave	9.59
pers2	PERS 2 RETIREMENT	457.21
medtx	MEDICARE TAX	60.51
l&i	L&I - SELF INSURED	13.05
unemp	UNEMPLOYMENT	4.40
	Totals:	**3,370.18**

Gross Earnings by Fund:	**4,400.47**	**147.50**
Total Fund Deductions:	**1,240.05**	
Fund Net:	**3,160.42**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 12201
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	904.66	38.40
h	HOLIDAY	113.08	4.80
	Totals:	**1,017.74**	**43.20**

Deduction Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	136.38
pers2	PERS 2 RETIREMENT	64.73
401a	401A DEFERRED COMPENSATION	50.88
medtx	MEDICARE TAX	12.78
l&i	L&I - SELF INSURED	3.04
fedtx	FEDERAL WITHHOLDING TAX	104.84
socsec	SOCIAL SECURITY	54.64
udteam	UNION DUES - TEAMSTERS	15.90
fmlatx	WA Paid Family & Medical Leave	5.92
	Totals:	**449.11**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	756.00
socsec	SOCIAL SECURITY	54.64
medtx	MEDICARE TAX	12.78
fmlatx	WA Paid Family & Medical Leave	2.22
pers2	PERS 2 RETIREMENT	105.75
401a	401A DEFERRED COMPENSATION	20.36
l&i	L&I - SELF INSURED	4.99
unemp	UNEMPLOYMENT	1.02
	Totals:	**957.76**

Gross Earnings by Fund:	**1,017.74**	**43.20**
Total Fund Deductions:	**449.11**	
Fund Net:	**568.63**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 12401
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	1,379.01	60.06
s	SICK	67.85	2.25
h	HOLIDAY	185.25	8.00
cu	COMP USED	5.93	0.29
	Totals:	**1,638.04**	**70.60**

Deduction Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	202.30
socsec	SOCIAL SECURITY	89.02
udtint	TEAMSTERS INIT FEE or ADJ	37.49
medtx	MEDICARE TAX	20.82
udteam	UNION DUES - TEAMSTERS	8.49
pers2	PERS 2 RETIREMENT	104.18
fedtx	FEDERAL WITHHOLDING TAX	74.89
icm457	ICMA DEFERRED COMP	25.01
fmlatx	WA Paid Family & Medical Leave	9.54
l&i	L&I - SELF INSURED	4.75
	Totals:	**576.49**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,285.01
socsec	SOCIAL SECURITY	89.02
401a	401A DEFERRED COMPENSATION	10.86
fmlatx	WA Paid Family & Medical Leave	3.57
pers2	PERS 2 RETIREMENT	170.18
medtx	MEDICARE TAX	20.82
l&i	L&I - SELF INSURED	7.80
unemp	UNEMPLOYMENT	1.64
	Totals:	**1,588.90**

Gross Earnings by Fund:	**1,638.04**	**70.60**
Total Fund Deductions:	**576.49**	
Fund Net:	**1,061.55**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 13001
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	1,754.27	46.00
h	HOLIDAY	305.09	8.00
fh	FLOATING HOLIDAY	610.21	16.00
s	SICK	76.27	2.00
	Totals:	**2,745.84**	**72.00**

Deduction Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	201.60
pers2	PERS 2 RETIREMENT	174.64
401a	401A DEFERRED COMPENSATION	137.29
udmp	UNION DUES - 1619 MP	30.88
l&i	L&I - SELF INSURED	6.33
fedtx	FEDERAL WITHHOLDING TAX	189.46
socsec	SOCIAL SECURITY	157.74
medtx	MEDICARE TAX	36.89
fmlatx	WA Paid Family & Medical Leave	15.98
	Totals:	**950.81**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,235.00
socsec	SOCIAL SECURITY	157.74
401a	401A DEFERRED COMPENSATION	54.92
vebahr	HRA VEBA	25.00
unemp	UNEMPLOYMENT	2.75
pers2	PERS 2 RETIREMENT	285.29
l&i	L&I - SELF INSURED	74.69
medtx	MEDICARE TAX	36.89
fmlatx	WA Paid Family & Medical Leave	5.98
	Totals:	**1,878.26**

Gross Earnings by Fund:	**2,745.84**	**72.00**
Total Fund Deductions:	**950.81**	
Fund Net:	**1,795.03**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 19914
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	2,600.92	89.60
fh	FLOATING HOLIDAY	396.04	16.00
h	HOLIDAY	405.87	14.40
s	SICK	198.02	8.00
	Totals:	**3,600.85**	**128.00**

Deduction Code and Description		Amount
pers2	PERS 2 RETIREMENT	229.02
fedtx	FEDERAL WITHHOLDING TAX	215.43
udteam	UNION DUES - TEAMSTERS	64.50
fmlatx	WA Paid Family & Medical Leave	20.96
socsec	SOCIAL SECURITY	223.26
401a	401A DEFERRED COMPENSATION	144.40
medtx	MEDICARE TAX	52.21
l&i	L&I - SELF INSURED	7.08
	Totals:	**956.86**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	2,520.00
socsec	SOCIAL SECURITY	223.26
medtx	MEDICARE TAX	52.21
fmlatx	WA Paid Family & Medical Leave	7.84
pers2	PERS 2 RETIREMENT	374.13
401a	401A DEFERRED COMPENSATION	72.01
l&i	L&I - SELF INSURED	11.64
unemp	UNEMPLOYMENT	3.60
	Totals:	**3,264.69**

Gross Earnings by Fund:	**3,600.85**	**128.00**
Total Fund Deductions:	**956.86**	
Fund Net:	**2,643.99**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 19951
 # Emps : 1

Earnings Code & Description		Amount	Hours
r	REGULAR	4,178.15	72.00
auto	AUTO ALLOWANCE CONTRACTUAL	170.00	
	Totals:	**4,348.15**	**72.00**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	500.85
pers2	PERS 2 RETIREMENT	265.73
401a	401A DEFERRED COMPENSATION	208.91
genpre	SUN LIFE PRE TAX	56.76
l&i	L&I - SELF INSURED	6.33
medpre	HEALTH INSURANCE PRE TAX	301.60
socsec	SOCIAL SECURITY	247.37
medtx	MEDICARE TAX	57.85
fmlatx	WA Paid Family & Medical Leave	25.31
	Totals:	**1,670.71**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,135.00
socsec	SOCIAL SECURITY	247.37
401a	401A DEFERRED COMPENSATION	83.56
l&i	L&I - SELF INSURED	10.39
fmlatx	WA Paid Family & Medical Leave	9.48
pers2	PERS 2 RETIREMENT	434.11
vebahr	HRA VEBA	125.00
medtx	MEDICARE TAX	57.85
genpre	SUN LIFE PRE TAX	10.00
unemp	UNEMPLOYMENT	4.18
	Totals:	**2,116.94**

Gross Earnings by Fund:	**4,348.15**	**72.00**
Total Fund Deductions:	**1,670.71**	
Fund Net:	**2,677.44**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 50401
 # Emps : 4

Earnings Code & Description		Amount	Hours
r	REGULAR	7,472.55	172.38
h	HOLIDAY	1,413.90	26.00
auto	AUTO ALLOWANCE CONTRACTUAL	170.00	
fh	FLOATING HOLIDAY	3,143.25	32.00
s	SICK	442.02	4.50
v	VACATION	160.14	3.75
	Totals:	**12,801.86**	**238.63**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	1,504.98
h457	MASSMUTUAL 457	557.41
pers2	PERS 2 RETIREMENT	378.58
medtx	MEDICARE TAX	183.02
icm457	ICMA DEFERRED COMP	158.09
fmlatx	WA Paid Family & Medical Leave	74.52
shrfcf	SHERIFF COFFEE FUND	5.00
socsec	SOCIAL SECURITY	782.53
medpre	HEALTH INSURANCE PRE TAX	509.85
aflpre	AFLAC PRE TAX	222.32
genpre	SUN LIFE PRE TAX	158.81
401a	401A DEFERRED COMPENSATION	155.33
l&i	L&I - SELF INSURED	19.30
shrfnd	SHERIFF EMPLOYEE FUND	1.00
	Totals:	**4,710.74**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	3,857.50
h457	MASSMUTUAL 457	693.99
401a	401A DEFERRED COMPENSATION	453.02
medtx	MEDICARE TAX	183.02
genpre	SUN LIFE PRE TAX	65.50
unemp	UNEMPLOYMENT	12.64
socsec	SOCIAL SECURITY	782.53
pers2	PERS 2 RETIREMENT	618.46
vebahr	HRA VEBA	406.25
l&i	L&I - SELF INSURED	147.43
fmlatx	WA Paid Family & Medical Leave	27.91
	Totals:	**7,248.25**

Gross Earnings by Fund:	**12,801.86**	**238.63**
Total Fund Deductions:	**4,710.74**	
Fund Net:	**8,091.12**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : 50501
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	1,414.46	29.52
fh	FLOATING HOLIDAY	85.47	0.80
h	HOLIDAY	153.38	2.80
	Totals:	**1,653.31**	**33.12**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	183.11
icm457	ICMA DEFERRED COMP	112.78
socsec	SOCIAL SECURITY	97.86
medtx	MEDICARE TAX	22.90
fmlatx	WA Paid Family & Medical Leave	9.63
shrfnd	SHERIFF EMPLOYEE FUND	0.19
401a	401A DEFERRED COMPENSATION	113.70
pers2	PERS 2 RETIREMENT	104.10
medpre	HEALTH INSURANCE PRE TAX	61.38
genpre	SUN LIFE PRE TAX	18.54
l&i	L&I - SELF INSURED	2.20
	Totals:	**726.39**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	440.98
socsec	SOCIAL SECURITY	97.86
vebahr	HRA VEBA	43.75
genpre	SUN LIFE PRE TAX	6.70
fmlatx	WA Paid Family & Medical Leave	3.62
pers2	PERS 2 RETIREMENT	171.78
401a	401A DEFERRED COMPENSATION	56.30
medtx	MEDICARE TAX	22.90
l&i	L&I - SELF INSURED	3.64
unemp	UNEMPLOYMENT	1.66
	Totals:	**849.19**

Gross Earnings by Fund:	**1,653.31**	**33.12**
Total Fund Deductions:	**726.39**	
Fund Net:	**926.92**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle sc

Fund Worked : - Totals -
 # Emps : 222

Earnings Code & Description		Amount	Hours
r	REGULAR	454,209.15	12,719.65
s	SICK	28,447.28	796.64
sevr	SEVERANCE PAY	21,089.58	
o15s	OVERTIME X 1.5 - SHERIFF DEPT	10,732.28	198.00
sc15	HHS SCANNING PROJ OT X 1.5	6,718.12	162.25
oth	OVERTIME X 1.5 - HOURLY	2,642.94	196.25
auto	AUTO ALLOWANCE CONTRACTUAL	1,190.00	
accred	ACCREDITATION PAY	1,095.81	
fl	FUNERAL LEAVE	741.12	25.25
aute	AUTO ALLOWANCE ELECTED	680.00	
o15j	OVERTIME x 1.5 - JUV DETENTION	508.50	14.25
oc2	ON CALL NON-SHIFT DAY	432.41	4.00
phsm	PHONE STIPEND SMART PHONE	200.00	
fto	FTO PREMIUM	142.52	80.00
detpay	DETECTIVE PAY	99.43	
aaas	AA/AS EDUCATION INCENTIVE	58.04	
asp	SHERIFF ACTING SUPERVISOR PAY	48.08	32.00
h	HOLIDAY	51,555.32	1,436.86
fh	FLOATING HOLIDAY	24,006.30	555.50
v	VACATION	17,717.10	422.01
o25v	OT X 2.5 - CORR VOLUNTEER/SHRF	9,638.96	122.65
vp	VACATION PAYOFF	6,328.12	154.88
ohjd	OT HOLIDAY - JUV DETENTION	1,262.88	36.00
adml	ADMINISTRATIVE LEAVE PAID	1,171.63	24.00
cu	COMP USED	787.46	26.02
o20m	OT X 2.0 - CORR MANDATORY/SHRF	710.71	11.00
bsba	BS/BA EDUCATION INCENTIVE	616.89	
spt	SICK PAYOFF - TERMINATION 10%	471.82	113.50
oc1	ON CALL SHIFT DAY	416.27	11.00
dont	DONATED TIME USED	144.81	6.30
uapr	URINE ANALYSIS PREMIUM	112.50	
aspj	ACTING SUPERVISOR PAY JUVENILE	65.56	48.00
phns	PHONE STIPEND	50.00	
	Totals:	**644,091.59**	**17,196.01**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	53,271.99
medpre	HEALTH INSURANCE PRE TAX	36,274.14
401a	401A DEFERRED COMPENSATION	12,280.80
medtx	MEDICARE TAX	8,669.38
psers	PSERS RETIREMENT	4,405.34
udteam	UNION DUES - TEAMSTERS	3,486.50
aflpre	AFLAC PRE TAX	2,241.07
genpre	SUN LIFE PRE TAX	1,711.25
l&i	L&I - SELF INSURED	1,166.25
rth457	ROTH-ICMA DEFERRED COMP	845.42
ltdshr	LTD - SHERIFF	715.36
udpd	UNION DUES - 1619 D	510.19
udmp	UNION DUES - 1619 MP	432.32
udcd	UNION DUES - 1619 CD C	370.56
udlc	UNION DUES - 1619 LC	282.53
udtint	TEAMSTERS INIT FEE or ADJ	250.00
uw	UNITED WAY	85.00
socsec	SOCIAL SECURITY	37,068.63
pers2	PERS 2 RETIREMENT	27,246.33
icm457	ICMA DEFERRED COMP	9,319.55
leoff2	LEOFF 2 RETIREMENT	4,925.97
fmlatx	WA Paid Family & Medical Leave	3,724.52
pers3	PERS 3 RETIREMENT	3,223.93
h457	MASSMUTUAL 457	1,833.76
n457	NATIONWIDE 457	1,222.50
hr125	HEALTH REIMBURSEMENT	958.33
dc125	DEPENDENT CARE	833.32
dshs	DSHS CHILD SUPPORT	637.38
dshsca	DSHS CHILD SUPPORT CALIFORNIA	500.00
pers1	PERS 1 RETIREMENT	408.22
aflaft	AFLAC POST TAX	323.93
colaft	COLONIAL LIFE INS. POST TAX	279.25
colpre	COLONIAL LIFE INS. PRE TAX	96.80
udps	UNION DUES - 1619 S	73.26

Fund Worked : - Totals -
 # Emps : 222

Deduction Code and Description		Amount
udcs	UNION DUES - 1619 CS	30.88
shrfnd	SHERIFF EMPLOYEE FUND	16.00
shrfcf	SHERIFF COFFEE FUND	20.00
garnfe	GARNISHMENT FEE	1.00
	Totals:	**219,741.66**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	277,982.36
socsec	SOCIAL SECURITY	37,068.63
401a	401A DEFERRED COMPENSATION	11,082.74
medtx	MEDICARE TAX	8,669.38
pers3	PERS 3 RETIREMENT	4,955.43
fmlatx	WA Paid Family & Medical Leave	1,394.52
h457	MASSMUTUAL 457	693.99
unemp	UNEMPLOYMENT	584.99
pers2	PERS 2 RETIREMENT	43,757.10
vebahr	HRA VEBA	15,687.30
l&i	L&I - SELF INSURED	10,587.19
psers	PSERS RETIREMENT	7,095.26
leoff2	LEOFF 2 RETIREMENT	3,060.66
pers1	PERS 1 RETIREMENT	706.90
genpre	SUN LIFE PRE TAX	627.00
	Totals:	**423,953.45**

Grand Total Gross Earnings:	**644,091.59**	**17,196.01**
Grand Total Deductions:	**219,741.66**	
Grand Total Net:	**424,349.93**	

Roads

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : 10101
 # Emps : 63

Earnings Code & Description		Amount	Hours
r	REGULAR	98,325.19	2,972.10
vp	VACATION PAYOFF	16,744.40	383.36
o15r	OVERTIME X 1.5 - ROADS DEPT	11,480.07	269.00
fh	FLOATING HOLIDAY	3,671.92	95.50
adml	ADMINISTRATIVE LEAVE PAID	1,963.64	64.00
phns	PHONE STIPEND	580.00	
cpr	COMP TIME PAID - PW ROADS	165.48	6.25
sprt	SICK PAYOFF RETIRE 25%	20,785.27	1,903.50
h	HOLIDAY	15,818.17	480.00
v	VACATION	8,659.45	254.75
s	SICK	3,374.45	97.50
cu	COMP USED	772.66	26.50
auto	AUTO ALLOWANCE CONTRACTUAL	340.00	
c15r	COMP EARNED X 1.5 ROADS	-4,034.76	-98.00
	Totals:	**178,645.94**	**6,454.46**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	21,564.96
medpre	HEALTH INSURANCE PRE TAX	8,371.38
icm457	ICMA DEFERRED COMP	2,896.11
401a	401A DEFERRED COMPENSATION	1,867.70
fmlatx	WA Paid Family & Medical Leave	1,039.13
c13gar	CHAPTER 13 GARNISHMENT	538.00
l&i	L&I - SELF INSURED	275.78
aflpre	AFLAC PRE TAX	226.71
n457	NATIONWIDE 457	149.84
hr125	HEALTH REIMBURSEMENT	85.00
uw	UNITED WAY	58.15
garnfe	GARNISHMENT FEE	1.00
socsec	SOCIAL SECURITY	10,529.62
pers2	PERS 2 RETIREMENT	8,290.74
medtx	MEDICARE TAX	2,462.57
udteam	UNION DUES - TEAMSTERS	1,566.92
h457	MASSMUTUAL 457	642.73
pers3	PERS 3 RETIREMENT	487.23
dshs	DSHS CHILD SUPPORT	262.00
udmp	UNION DUES - 1619 MP	179.99
genpre	SUN LIFE PRE TAX	92.38
aflaft	AFLAC POST TAX	73.95
colpre	COLONIAL LIFE INS. PRE TAX	5.09
	Totals:	**61,666.98**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	72,107.04
socsec	SOCIAL SECURITY	10,537.19
401a	401A DEFERRED COMPENSATION	2,578.13
pers3	PERS 3 RETIREMENT	1,011.77
fmlatx	WA Paid Family & Medical Leave	389.34
genpre	SUN LIFE PRE TAX	86.00
pers2	PERS 2 RETIREMENT	13,554.65
l&i	L&I - SELF INSURED	4,232.25
medtx	MEDICARE TAX	2,464.34
vebahr	HRA VEBA	450.00
unemp	UNEMPLOYMENT	140.32
	Totals:	**107,551.03**

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : 10101
 # Emps : 63

Gross Earnings by Fund:	**178,645.94**	**6,454.46**
Total Fund Deductions:	**61,666.98**	
Fund Net:	**116,978.96**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : 10135
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	1,763.00	31.25
fh	FLOATING HOLIDAY	905.83	16.00
v	VACATION	976.60	17.25
h	HOLIDAY	452.92	8.00
	Totals:	**4,098.35**	**72.50**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	346.79
socsec	SOCIAL SECURITY	247.78
medpre	HEALTH INSURANCE PRE TAX	101.60
udmp	UNION DUES - 1619 MP	31.09
l&i	L&I - SELF INSURED	6.37
aflpre	AFLAC PRE TAX	0.31
pers2	PERS 2 RETIREMENT	260.64
401a	401A DEFERRED COMPENSATION	203.81
medtx	MEDICARE TAX	57.95
fmlatx	WA Paid Family & Medical Leave	23.86
icm457	ICMA DEFERRED COMP	0.44
uw	UNITED WAY	0.27
	Totals:	**1,280.91**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,343.58
socsec	SOCIAL SECURITY	247.78
l&i	L&I - SELF INSURED	74.91
vebahr	HRA VEBA	25.00
unemp	UNEMPLOYMENT	4.10
pers2	PERS 2 RETIREMENT	425.82
401a	401A DEFERRED COMPENSATION	81.97
medtx	MEDICARE TAX	57.95
fmlatx	WA Paid Family & Medical Leave	8.93
	Totals:	**2,270.04**

Gross Earnings by Fund:	**4,098.35**	**72.50**
Total Fund Deductions:	**1,280.91**	
Fund Net:	**2,817.44**	

Fund Worked : 40201
 # Emps : 2

Earnings Code & Description		Amount	Hours
r	REGULAR	565.12	12.00

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	38.58
socsec	SOCIAL SECURITY	33.16
401a	401A DEFERRED COMPENSATION	16.96
udmp	UNION DUES - 1619 MP	4.62
l&i	L&I - SELF INSURED	1.01

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	202.31
socsec	SOCIAL SECURITY	33.16
medtx	MEDICARE TAX	7.76
fmlatx	WA Paid Family & Medical Leave	1.24

Earnings Code & Description		Amount	Hours
	Totals:	**565.12**	**12.00**

Deduction Code and Description		Amount
pers2	PERS 2 RETIREMENT	35.93
medpre	HEALTH INSURANCE PRE TAX	30.17
medtx	MEDICARE TAX	7.76
fmlatx	WA Paid Family & Medical Leave	3.29
udteam	UNION DUES - TEAMSTERS	0.41
	Totals:	**171.89**

Benefit Code and Description		Amount
pers2	PERS 2 RETIREMENT	58.71
401a	401A DEFERRED COMPENSATION	11.30
l&i	L&I - SELF INSURED	1.87
unemp	UNEMPLOYMENT	0.57
	Totals:	**316.92**

Gross Earnings by Fund:	**565.12**	**12.00**
Total Fund Deductions:	**171.89**	
Fund Net:	**393.23**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : 41401
 # Emps : 8

Earnings Code & Description		Amount	Hours
r	REGULAR	5,483.24	138.45
s	SICK	1,277.85	40.00
v	VACATION	309.63	8.00
o15r	OVERTIME X 1.5 - ROADS DEPT	2,235.57	42.00
h	HOLIDAY	943.83	24.00
phns	PHONE STIPEND	40.00	
	Totals:	**10,290.12**	**252.45**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	743.87
socsec	SOCIAL SECURITY	610.94
medtx	MEDICARE TAX	142.88
udteam	UNION DUES - TEAMSTERS	82.47
fmlatx	WA Paid Family & Medical Leave	60.35
l&i	L&I - SELF INSURED	15.18
aflpre	AFLAC PRE TAX	1.22
n457	NATIONWIDE 457	0.16
pers2	PERS 2 RETIREMENT	654.06
medpre	HEALTH INSURANCE PRE TAX	511.79
401a	401A DEFERRED COMPENSATION	87.22
icm457	ICMA DEFERRED COMP	65.94
udmp	UNION DUES - 1619 MP	23.75
h457	MASSMUTUAL 457	8.46
uw	UNITED WAY	1.10
	Totals:	**3,009.39**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	3,746.43
socsec	SOCIAL SECURITY	606.44
medtx	MEDICARE TAX	141.83
fmlatx	WA Paid Family & Medical Leave	22.43
pers2	PERS 2 RETIREMENT	1,065.00
l&i	L&I - SELF INSURED	189.61
401a	401A DEFERRED COMPENSATION	116.73
unemp	UNEMPLOYMENT	10.26
	Totals:	**5,898.73**

Gross Earnings by Fund:	**10,290.12**	**252.45**
Total Fund Deductions:	**3,009.39**	
Fund Net:	**7,280.73**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : 42401
 # Emps : 6

Earnings Code & Description		Amount	Hours
r	REGULAR	632.93	15.70

		Amount	Hours
	Totals:	**632.93**	**15.70**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	44.00
socsec	SOCIAL SECURITY	37.34
401a	401A DEFERRED COMPENSATION	18.14
fmlatx	WA Paid Family & Medical Leave	3.68
udteam	UNION DUES - TEAMSTERS	3.35
l&i	L&I - SELF INSURED	1.14
aflpre	AFLAC PRE TAX	0.31

Deduction Code and Description		Amount
pers2	PERS 2 RETIREMENT	40.17
medpre	HEALTH INSURANCE PRE TAX	30.35
medtx	MEDICARE TAX	8.74
udmp	UNION DUES - 1619 MP	3.57
icm457	ICMA DEFERRED COMP	3.22
aflaft	AFLAC POST TAX	0.59
uw	UNITED WAY	0.27
	Totals:	**194.87**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	271.78
socsec	SOCIAL SECURITY	37.34
medtx	MEDICARE TAX	8.74
fmlatx	WA Paid Family & Medical Leave	1.38

Benefit Code and Description		Amount
pers2	PERS 2 RETIREMENT	65.77
401a	401A DEFERRED COMPENSATION	12.65
l&i	L&I - SELF INSURED	5.11
unemp	UNEMPLOYMENT	0.62
	Totals:	**403.39**

Gross Earnings by Fund:	**632.93**	**15.70**
Total Fund Deductions:	**194.87**	
Fund Net:	**438.06**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : 50301
 # Emps : 12

Earnings Code & Description		Amount	Hours
r	REGULAR	14,935.08	473.00
h	HOLIDAY	833.11	24.00
tlss	TOOL STIPEND	120.00	
phns	PHONE STIPEND	60.00	
s	SICK	1,350.58	36.00
v	VACATION	256.79	8.00
o15r	OVERTIME X 1.5 - ROADS DEPT	118.83	2.50
cu	COMP USED	32.29	1.00
	Totals:	**17,706.68**	**544.50**

Deduction Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	1,418.01
pers2	PERS 2 RETIREMENT	1,015.15
icm457	ICMA DEFERRED COMP	239.18
udteam	UNION DUES - TEAMSTERS	208.85
fmlatx	WA Paid Family & Medical Leave	103.40
pers3	PERS 3 RETIREMENT	81.42
udmp	UNION DUES - 1619 MP	34.90
colpre	COLONIAL LIFE INS. PRE TAX	9.31
garnfe	GARNISHMENT FEE	0.50
fedtx	FEDERAL WITHHOLDING TAX	1,181.61
socsec	SOCIAL SECURITY	1,010.88
medtx	MEDICARE TAX	236.41
401a	401A DEFERRED COMPENSATION	155.39
dshs	DSHS CHILD SUPPORT	102.00
l&i	L&I - SELF INSURED	37.45
aflpre	AFLAC PRE TAX	29.85
uw	UNITED WAY	5.21
	Totals:	**5,869.52**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	9,618.86
socsec	SOCIAL SECURITY	1,007.81
401a	401A DEFERRED COMPENSATION	314.04
pers3	PERS 3 RETIREMENT	169.87
unemp	UNEMPLOYMENT	17.56
pers2	PERS 2 RETIREMENT	1,651.16
l&i	L&I - SELF INSURED	382.27
medtx	MEDICARE TAX	235.69
fmlatx	WA Paid Family & Medical Leave	38.58
	Totals:	**13,435.84**

Gross Earnings by Fund:	**17,706.68**	**544.50**
Total Fund Deductions:	**5,869.52**	
Fund Net:	**11,837.16**	

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : - Totals -
 # Emps : 67

Earnings Code & Description		Amount	Hours
r	REGULAR	121,704.56	3,642.50
h	HOLIDAY	18,048.03	536.00
o15r	OVERTIME X 1.5 - ROADS DEPT	13,834.47	313.50
s	SICK	6,002.88	173.50
adml	ADMINISTRATIVE LEAVE PAID	1,963.64	64.00
phns	PHONE STIPEND	680.00	
cpr	COMP TIME PAID - PW ROADS	165.48	6.25
c15r	COMP EARNED X 1.5 ROADS	-4,034.76	-98.00
sprt	SICK PAYOFF RETIRE 25%	20,785.27	1,903.50
vp	VACATION PAYOFF	16,744.40	383.36
v	VACATION	10,202.47	288.00
fh	FLOATING HOLIDAY	4,577.75	111.50
cu	COMP USED	804.95	27.50
auto	AUTO ALLOWANCE CONTRACTUAL	340.00	
tlss	TOOL STIPEND	120.00	
	Totals:	**211,939.14**	**7,351.61**

Deduction Code and Description		Amount
fedtx	FEDERAL WITHHOLDING TAX	23,919.81
medpre	HEALTH INSURANCE PRE TAX	10,463.30
icm457	ICMA DEFERRED COMP	3,204.89
401a	401A DEFERRED COMPENSATION	2,349.22
fmlatx	WA Paid Family & Medical Leave	1,233.71
pers3	PERS 3 RETIREMENT	568.65
dshs	DSHS CHILD SUPPORT	364.00
udmp	UNION DUES - 1619 MP	277.92
n457	NATIONWIDE 457	150.00
hr125	HEALTH REIMBURSEMENT	85.00
uw	UNITED WAY	65.00
garnfe	GARNISHMENT FEE	1.50
socsec	SOCIAL SECURITY	12,469.72
pers2	PERS 2 RETIREMENT	10,296.69
medtx	MEDICARE TAX	2,916.31
udteam	UNION DUES - TEAMSTERS	1,862.00
h457	MASSMUTUAL 457	651.19
c13gar	CHAPTER 13 GARNISHMENT	538.00
l&i	L&I - SELF INSURED	336.93
aflpre	AFLAC PRE TAX	258.40
genpre	SUN LIFE PRE TAX	92.38
aflaft	AFLAC POST TAX	74.54
colpre	COLONIAL LIFE INS. PRE TAX	14.40
	Totals:	**72,193.56**

Benefit Code and Description		Amount
medpre	HEALTH INSURANCE PRE TAX	87,290.00
socsec	SOCIAL SECURITY	12,469.72
401a	401A DEFERRED COMPENSATION	3,114.82
pers3	PERS 3 RETIREMENT	1,181.64
fmlatx	WA Paid Family & Medical Leave	461.90
genpre	SUN LIFE PRE TAX	86.00
pers2	PERS 2 RETIREMENT	16,821.11
l&i	L&I - SELF INSURED	4,886.02
medtx	MEDICARE TAX	2,916.31
vebahr	HRA VEBA	475.00
unemp	UNEMPLOYMENT	173.43
	Totals:	**129,875.95**

Labor Distribution Totals By Fund
CLALLAM COUNTY
02/16/2023 to 02/28/2023-1 Cycle s

Fund Worked : - Totals -
 # Emps : 67

Grand Total Gross Earnings:	**211,939.14**	**7,351.61**
Grand Total Deductions:	**72,193.56**	
Grand Total Net:	**139,745.58**	

MAR 14 2023

BOARD of CLALLAM COUNTY COMMISSIONERS
MINUTES for the week of March 6 – 10, 2023

WORK SESSION – 9 a.m.

The work session convened at 9 a.m., Monday, March 6, 2023. Present were Commissioners Ozias, Johnson, and French and Administrator Sill.

Items of discussion per the agenda published March 2 were:

- Calendar/Correspondence
- Letters of Support for Port of Port Angeles for additional hanger and expansion of fuel storage
- Purchase order for IT Department for network switch replacement
- Agreement with Center of Children & Youth Justice for Early Childhood Court Coordinator position
- Pre-application questionnaire with Department of Ecology for Kubota Hometown Proud Grant
- Pre-application questionnaire Kubota Corp for Kubota Hometown Proud Grant
- Letters to the House and Senate regarding Developmental Disability Budget
- Serenity House update
- Agreement with Washington State University Extension for program services
- Agreement amendment 1 with Cascadia Consulting Group, Inc. for Climate Action Plan
- Notice to call for bids to be received no later than Tuesday, April 4, 2023 at 10 a.m. for the McDonald Creek Fish Passage and Irrigation Improvement Project
- Resolution appointing Anna K. Plager to the Park and Recreation Board
- Resolution appointing Amy Miller to the Homeless Task Force
- Resolution appointing Timothy Fellin to the Peninsula Housing Authority Board
- Legislative Session update
- Agreement with Clallam Economic Development Council

Meeting concluded at 12:05 p.m.

REGULAR MEETING OF THE BOARD OF CLALLAM COUNTY COMMISSIONERS

Chair Ozias called the meeting to order at 10 a.m., Tuesday, March 7, 2023. Also present were Commissioners Johnson and French and Administrator Sill.

REQUEST FOR MODIFICATIONS/APPROVAL OF AGENDA

Added:

1c Letters to the House and Senate regarding Developmental Disability Budget

ACTION TAKEN: CRJm to adopt the agenda as modified, CMFs, mc

CONSENT AGENDA

1a Approval of vouchers for the week of February 27

1b Approval of minutes for the week of February 27

1c Letters to the House and Senate regarding Developmental Disability Budget

ACTION TAKEN: CRJm to adopt the consent agenda as presented, CMFs, mc

REPORTS AND PRESENTATIONS

- CMF commented on presentation from Economic Development Council
- CRJ commented on the Housing Solutions Committee and funding, the North Olympic Healthcare Network opening, and meeting with Lorrie Mittman
- CMO commented on email from Peter Craig regarding Parks Board Meeting

CONTRACTS AND AGREEMENTS

2a Agreement amendment 2 with Department of Social and Health Services for developmental disabilities services
ACTION TAKEN: CRJm to approve, CMFs, mc

2b Agreement with Olympic Peninsula Visitor Bureau for Hotel/Motel Tax Funding/$120,000
ACTION TAKEN: CRJm to approve, CMFs, mc

2c Agreement with Olympic Peninsula Visitor Bureau for Hotel/Motel Tax Funding/$750,000
ACTION TAKEN: CRJm to approve, CMFs, mc

2d Agreement with Washington State Military Department for emergency management
ACTION TAKEN: CRJm to approve, CMFs, mc

BIDS AND AWARDS

3a Proposal opening – Homelessness Program Funding Proposals 2023

Contractor	Amount
Serenity House of Clallam County	$92,892
Serenity House of Clallam County	$784,270
Reflections Counseling Services Group	$150,000
Peninsula Housing Authority	$25,000
Concerned Citizens	$218,000
Mariposa House	$75,915
Boys and Girls Club of the Olympic Peninsula	$152,096
Olympic Community Action Programs	$63,140
North Olympic Regional Veterans Housing Network	$140,000
North Olympic Regional Veterans Housing Network	$100,000
Lutheran Community Services Northwest	$310,000
The Answer for Youth (TAFY)	$33,120
The Answer for Youth (TAFY)	$87,202
Healthy Families of Clallam County	$135,805
Healthy Families of Clallam County	$72,720

ACTION TAKEN: CRJm to forward the Bids to Health and Human Services Department for review and recommendation, CMFs, mc

ADMINISTRATION

4a Resolutions appointing Robert "Bob" W. Pensworth to the Crescent Community Advisory Council
ACTION TAKEN: CRJm to adopt, CMFs, mc

4b Notice of call for bids to be received no later than 10 a.m. Tuesday, April 18, 2023 for EV Charging Stations
ACTION TAKEN: CRJm to issue, CMFs, mc

PUBLIC COMMENT

- Ed Bowen, Clallam Bay, commented on board room upgrade, and bonds that were mentioned in Reports & Presentations
- Marsha Massey, Port Angeles, thanked the BOCC for their support, commented on the Sequim LTAC, "Boys in the Boat" movie

Meeting concluded at 10:47 a.m. and continued to an Executive Session at 11:30 a.m.

DRAFT

EXECUTIVE SESSION – March 7, 2023 at 11:30 a.m.

Pursuant to RCW 42.30.110, an executive session will be held from 11:30 a.m., Tuesday, March 7, 2023 in the Commissioners Board Room, 223 East 4th Street, Port Angeles, Room 160. No Zoom option will be available.

To discuss the possible acquisition of land directly adjacent to Robin Hill Farm Park to enlarge the park and improve county park activities and agriculturally oriented demonstrative and interpretive opportunities.

The Board may recess into Executive Session to consider employment or dismissal of personnel, to review the performance of a public employee, to consult with legal counsel, to consider the position to be taken in collective bargaining, to consider acquisition or sale of real estate, or other matters per RCW 42.30.110

The Board convened in open session at 11:30 a.m. to discuss the matters listed above. Present were Commissioners Ozias, Johnson, and French, Human Resources / Administrator Sill, Human Resources / Deputy Administrator Reyes, Chief Financial Officer Lane, Right-of-way agent Capps, Deputy Prosecuting Attorney Boughton, and Parks, Fair and Facilities Director Crawford.
ACTION TAKEN: CRJm to recess to executive session for 30 minutes, CMFs, mc

Board recessed into executive session at 11:32 a.m.

Board convened in open session at 12:05 p.m.
ACTION TAKEN: CRJm to authorize Right-of-Way agent Linda Capps to enter into discussion and negotiations with the property owner of the land adjacent to Robin Hill Farm Park, CMFs, mc

Meeting concluded at 12:06 p.m. and continued to 9 a.m., Monday, March 13, 2022.

There are no Zoom chat logs for the week of March 6.

The Board of Commissioners attended WSAC Virtual update, Coffee with Colleen, WSAC Legislative Update, KSQM Radio Show, and EDC Annual Gala during the week of March 6.

PASSED AND ADOPTED this 14th day of March 2023.

BOARD OF CLALLAM COUNTY COMMISSIONERS

Mark Ozias

ATTEST:

Randy Johnson

Loni Gores, MMC, Clerk of the Board

Mike French

KEY TO ABBREVIATIONS:

ARS	Administrator Rich Sill	m	moved
CMO	Commissioner Mark Ozias	mc	motion carried
CRJ	Commissioner Randy Johnson	s	seconded
CMF	Commissioner Mike French		

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1d

MAR 14 2023

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC/Sheriff's Office

WORK SESSION ☒ **Meeting Date: 3-6-23**

REGULAR AGENDA ☒ **Meeting Date: 3-14-23**

Required originals approved and attached? ☐
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other – Letters of Support – Hanger and Fuel

Documents exempt from public disclosure attached: ☐

Executive summary:
The Port of Port Angeles will be submitting a request for FY24 Congressional Funding on two projects, construction of additional A/C hangers and expansion of its fuel storage capacity at Fairchild International Airport. We believe the projects will not only assist with economic development but aligns with the Port's effort to address resiliency in the event of a major event on the north Olympic Peninsula.
The Port of Port Angeles has requested the Board of Commissioners and Sheriff's Office to sign joint supports letter for the two projects.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
None.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
The Port of Port Angeles has requested the Board of Commissioners and Sheriff's Office to sign joint supports letter for the two projects.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners, Brian King – Sheriff's Office and

Relevant Departments: Board of Commissioners and Sheriff's Office

Date submitted: 2-27-23

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* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

Clallam County Board of Commissioners and Sheriff's Office

223 East 4th Street, Suite 4
Port Angeles, WA 98362-3015
360.417.2233 Fax: 360.417.2493
Email: commissioners@clallamcountywa.gov

MARK OZIAS, District 1, Chair
RANDY JOHNSON, District 2
MIKE FRENCH, District 3
BRIAN KING, Sheriff

RICH SILL, County Administrator

March 14, 2023

The Honorable Patty Murray
United States Senate
154 Russell Senate Office Building
Washington, D.C. 20510

The Honorable Maria Cantwell
United States Senate
511 Hart Senate Office Building
Washington, D.C. 20510

The Honorable Derek Kilmer
United States House of Representatives
1226 Longworth House Office Building
Washington, DC 20515

RE: Fuel Resiliency Infrastructure

Dear Senators Murray and Cantwell and Representative Kilmer:

As the elected legislators from the 24th District in Washington State, which includes the Port of Port Angeles, we are writing to urge support for the FY24 appropriations request submitted by the Port of Port Angeles. The Port is seeking federal funds for fuel resiliency infrastructure to support the Port's economic development mission, which includes supporting the Port's Fairchild International Airport's (FIA) fuel storage capacity and minimizing fuel supply chain disruptions. All this will aid the Port's long-standing efforts to provide emergency response capabilities to the Olympic Peninsula.

The Port of Port Angeles has a long history of fueling economic activity in the region, by supporting job creation in industry and commerce through building critical infrastructure. FIA is centrally located on the Olympic Peninsula and is large enough to act as the primary staging area for emergency response. The Port has significantly invested in emergency power capacity at FIA to ensure that essential equipment remains operational during power outages and natural disasters. Now, the Port needs this infrastructure buildout to keep up with the growing mission for emergency preparedness in the community and work with stakeholders to expand storage capacity. This means the Port's ability to help emergency response efforts to Clallam County and the region will better equip FIA in emergencies while promoting economic resiliency for the community.

While the Port has invested millions of dollars to build the infrastructure needed to support emergency power capacity, additional infrastructure is necessary, including fuel capacity infrastructure. Investing in fuel capacity will ensure the continuation of critical services such as medical evacuations, search and rescue operations and

fighting forest fires. Also, this project will help the Port meet federal regulatory requirements of remote airports to have contingency plans for fuel supply during emergencies. In other words, this request for federal funding will allow the Port to effectively support emergency response and medical evacuations to fulfill their regulatory requirements and better serve the community while additionally stimulating Clallam County's dynamic and productive economy.

We urge support for this important funding request.

Sincerely,

SHERIFF'S OFFICE

_____
Brian King, Sheriff

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____ _____ _____
Mark Ozias, Chair, District I Randy Johnson, District II Mike French, District III

DRAFT

Clallam County
Board of Commissioners
and Sheriff's Office

223 East 4th Street, Suite 4
Port Angeles, WA 98362-3015
360.417.2233 Fax: 360.417.2493
Email: commissioners@clallamcountywa.gov

MARK OZIAS, District 1, Chair
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MIKE FRENCH, District 3
BRIAN KING, Sheriff

RICH SILL, County Administrator

March 14, 2023

The Honorable Patty Murray
United States Senate
154 Russell Senate Office Building
Washington, D.C. 20510

The Honorable Maria Cantwell
United States Senate
511 Hart Senate Office Building
Washington, D.C. 20510

The Honorable Derek Kilmer
United States House of Representatives
1226 Longworth House Office Building
Washington, DC 20515

RE: Hanger Expansion

Dear Senators Murray and Cantwell and Representative Kilmer:

As the elected legislators from the 24th District, which includes the Port of Port Angeles, in Washington, we are urging support for the FY24 appropriations request submitted by the Port of Port Angeles. The Port is seeking federal funds for hangar expansion at the Fairchild International Airport (CLM) to support the Port's economic development, which includes supporting the Port's growing capacity for business expansion. All this will help the Port's long-standing efforts to provide critical emergency response capabilities and job creation to the Olympic Peninsula.

The Port of Port Angeles has a long history of generating economic activity in the region serving as a key economic driver for Clallam County and a hub for emergency disaster response on the local, state and federal levels. Concerning the airport infrastructure, the Port is in a great position to attract several new companies and generate job creation in the region. Expanding the hangar, which is currently at capacity, would address its aging facilities and expand daily operations for clients such as Life Flight, which provides critical air medical services. The Port invested $750,000 in 2020 in water, sewer, and electrical utilities to support the airport's infrastructure leading to the creation of the capital improvement program, which aims to increase hangar space for clients and promote economic growth. This means the Port's ability to attract additional business activity to the region and create jobs is contingent upon its ability to build upon existing infrastructure investment already made by the Port.

DRAFT

While the Port has invested in building the infrastructure needed to support new business growth, additional infrastructure is needed, including hangar expansion. For businesses to operate effectively and in the event of natural disasters, modern hangar space would provide efficient productivity and a secure and safe location for emergency response teams to base their operations. In other words, this request for federal funding will allow the Port to support new business growth and job creation, while also supporting the Port's mission to provide disaster resiliency for the residents to benefit from increased economic resiliency and job opportunities.

We urge support for this important funding request.

Sincerely,

SHERIFF'S OFFICE

_____
Brian King, Sheriff

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____ _____ _____
Mark Ozias, Chair, District I Randy Johnson, District II Mike French, District III

DRAFT

2a

AGENDA ITEM SUMMARY

MAR 14 2023

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Superior Court

WORK SESSION ☒ **Meeting Date: 3/6/23**

REGULAR AGENDA ☒ **Meeting Date: 3/14/23**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☒ Contract/Agreement/MOU – Contract#861.23.003
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
On 4/13/22, Superior Court requested a pre-grant application before the Board asking for support of 5-year, fully funded, full-time Early Childhood Court Coordinator position being offered by The Center for Children & Youth Justices (CCYJ) in the total amount of $425,000 with an annual amount of $85,000 for the period of 9/30/22 thru 9/30/27. Our pre-grant application was approved by the Board on 4/18/22. The grant application was due by 5/5/2022, and we were notified on 9/14/2022 that our application was approved. A contract was prepared by the CCYJ and provided on 10/7/2022.

The Early Childhood Court Community Coordinator position works directly with families in dependencies with children ages 0-3 by providing assistance and guidance with developmentally appropriate services focusing on improving the wellbeing within the community as a whole. This position works in collaboration with our tribal partners providing enhanced collaboration among judicial officers, families and professionals within the child welfare system with the objective of aiding parents to reunify with their small children. The funds from this grant would support one full-time position including the necessary tools to run the program.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
If approved, I will be processing a supplemental appropriation in March in the amount of $85,000.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
We ask that the Board approve this request.

County Official signature & print name: Lauren Erickson

Name of Employee/Stakeholder attending meeting: Lacey Halberg

*Work Session Meeting - Submit 1 single sided/not stapled copyAgenda Item Summary - Early Childhood Community Coordinator RMM Edits
**Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)
Revised: 3-04-2019

Relevant Departments: Superior Court

Date submitted: 3/01/23

(861.23.003)

SUBAWARD AGREEMENT

THIS SUBAWARD AGREEMENT ("Agreement") is made effective as of **September 30, 2022**, by and between The Center for Children & Youth Justice ("**CCYJ**"), a nonprofit organization with offices at 300 Elliott Avenue West, Suite 360, Seattle, WA 98119, and Clallam County Superior Court ("Subawardee"), a state or local governmental entity with offices at 223 E. 4th Street, Port Angeles, WA 98362 (collectively as the "**Parties**" and individually each as a **"Party"**).

The Parties hereby enter into this Agreement whereby Subawardee will perform certain services for, and provide product deliveries to, CCYJ, as specified herein, in support of CCYJ'S award **1 U2ZMC46634-01-00** with the United States Department of Health and Human Services ("HRSA"), and agree to the following terms and conditions.

1. SCOPE OF WORK. Pursuant to the terms and conditions of this Agreement, Subawardee agrees to provide all necessary facilities, personnel, equipment and materials to accomplish the Statement of Work ("SOW") as Attachment A. The SOW is incorporated into and shall hereby become a part of this Agreement.

2. TERM AND PERIOD OF PERFORMANCE. This Agreement shall commence on **September 30, 2022**, and will continue through **September 29, 2023**, unless otherwise terminated ("Term"). The actual period of performance for this Agreement will be determined by the SOW. Notwithstanding the foregoing, this Agreement and all its terms and conditions shall remain in full force and effect until all deliverables are completed or otherwise terminated, and this Agreement is terminated and/or completed.

3. QUALITY ASSURANCE AND QUALITY CONTROL. Subawardee is responsible to CCYJ for the professional qualifications of the personnel it assigns to work under this Agreement, for the quality of their performance, and for the quality of all reports and other deliverables furnished under this Agreement.

4. BUDGET, INVOICING AND PAYMENT.

The Parties agree to the budget ("Budget") submitted in connection with Subawardee's performance of its obligations under this Agreement. The Budget is attached hereto and incorporated herein as Attachment B. Any and all modifications to the Budget must be agreed to in writing by both Parties.

Subawardee may only be paid for its services performed in connection with this Agreement, consistent with the SOW, and in accordance with the payment terms set forth herein. Payment will be made by CCYJ to Subawardee upon Subawardee's submission of proper, detailed, and complete invoices to CCYJ and in accordance with following:

(a) During the Term, all Subawardee invoices shall be submitted as original invoices

to the attention of the CCYJ contact listed below. Invoices should be consistent with Attachment C to this Agreement. Upon the satisfactory delivery of Subawardee's original invoices to CCYJ, CCYJ shall pay Subawardee for the satisfactory performance of Subawardee's services and the satisfactory delivery of Subawardee's products, as set forth in the SOW. Subawardee's submission of a proper invoice(s) may not, in the aggregate, exceed $85,000. Payment terms are net thirty (30) days after CCYJ's receipt of payment for Subawardee's costs from HRSA.

(b) All Subawardee invoices must include: (1) an invoice number and date, (2) a complete description, including current month and year-to-date actual expenditures, project budget in accordance with the Budget, and (3) a year-to-date actual-to-budget variance.

(c) All invoices must be signed by the designated Subawardee representative, who shall certify that the invoiced amounts are accurate and that Subawardee has in its possession records for all amounts for which payment is requested. Each Subawardee invoice with backup documentation shall be emailed to the CCYJ Director of Innovation, **Morgan Silverman,** at msilverman@ccyj.org and invoice@ccyj.org.

(d) Subawardee must submit to CCYJ all invoices by no later than the fourteenth (14th) day following the expiration or termination of this Agreement, and CCYJ shall have no obligation to reimburse Subawardee or pay any amounts for any invoices submitted after such fourteenth (14th) day, time being of the essence thereto. Any amounts that may be due as set forth in any invoice submitted by Subawardee to CCYJ after the aforesaid fourteenth (14th) day shall be deemed forfeited by Subawardee.

5. CONFIDENTIAL INFORMATION.

(a) Each Party agrees that, for the Term and any extension thereof and for a period of five (5) years from the date of termination of this Agreement, it shall use the same or similar means to protect Confidential Information (as herein defined) as it uses to protect its own similar confidential proprietary information, but in any event not less than reasonable means. "Confidential Information" shall include, but not be limited to, any and all oral, written or electronically transmitted information designated by either ZTT, CCYJ, or Subawardee as being of a proprietary and sensitive nature.

(b) Confidential Information of the other Party shall not include information which belongs to the recipient Party or is (i) already known by the recipient Party without an obligation of confidentiality other than under this Agreement, (ii) publicly known or becomes publicly known through no unauthorized act of the recipient Party, (iii) rightfully received from a third party who has the right to disclose such information, (iv) independently developed by the recipient Party without use of the other Party's Confidential Information, (v) disclosed without similar restriction to a third party by the Party owning Confidential Information, (vi) approved by the other Party for disclosure, or (vii) required to be disclosed pursuant to a requirement of a governmental agency or law

of the United States of America or a state thereof, or any governmental or political subdivision thereof, so long as the Party required to disclose the information makes a reasonable effort to provide the other Party with prior notice of such requirement. Each Party may use Confidential Information received from the other Party only in connection with this Agreement and a renewal of the same or any follow-on agreement and may disseminate such Confidential Information only to its employees in connection with their employment with such Party.

(c) Subawardee shall be responsible for its employees complying with the confidentiality provisions set forth in this Section 5. Subawardee agrees to immediately report to CCYJ any actual and suspected violations of the confidentiality requirements set forth in this Section 5.

(d) Personal Identifying Information/Breach. CCYJ shall ensure all personal identifying information, financial information, and other information made available to the CCYJ by, or on behalf of, the Subawardee, or acquired or developed by the CCYJ in the performance of the Agreement (unless publicly available) is kept confidential, secured, and protected to prevent unauthorized access. In the event of unauthorized access or other security breach, the CCYJ shall immediately notify the Subawardee and at its sole expense comply with all requirements of RCW 19.255.010. Upon Contract expiration or termination all confidential information shall be returned to the Subawardee or destroyed at the Subawardee's discretion.

6. CONFLICT OF INTEREST. Subawardee warrants that at the date of execution of this Agreement, no organizational conflict of interest exists or is likely to arise in the performance of its obligations under the Subcontract. Subawardee warrants that it shall advise CCYJ immediately if a conflict of interest arises in the future. A Conflict of Interest Statement is attached hereto and incorporated herein as Attachment G. Subawardee shall comply with HRSA's Federal Financial Assistance Conflict of Interest Policy, which can be found at https://www.hrsa.gov/sites/default/files/hrsa/grants/manage/HRSA_COI_Policy.pdf. Subawardee must submit disclosure of a potential Conflict of Interest within 20 days of discovery, by email, to the CCYJ administrative contact listed in Section 31.

7. INSPECTION AND ACCEPTANCE. Inspection and acceptance of the supplies or services to be furnished hereunder shall be made at the address specified in Section 31 of this Agreement. Acceptance of supplies or services provided under the SOW shall be made by the CCYJ Director of Innovation Morgan Silverman.

8. KEY PERSONNEL.

(a) "Key Personnel" are the following employees of Subawardee, along with their

titles, all of whom are mutually recognized by Subawardee and CCYJ as essential to the successful completion and execution of any Task issued under this Agreement:

Lacey Halberg, Superior Court Administrator
Brent Basden, Presiding Superior Court Judge

(b) All Key Personnel shall be assigned to the extent necessary for the timely completion of the task to which they are assigned. Proposed substitutions for the designated Key Personnel must be submitted at least two (2) weeks in advance of the substitution and must be accompanied by a detailed explanation of the circumstances necessitating the substitution, a resume for the proposed substitute and any other information requested by the CCYJ Director of Innovation needed to approve the proposed substitution. The CCYJ Director of Innovation will notify the CCYJ Vice President of Mission Support of the decision and the SOW will be modified, as appropriate.

9. REMOVAL/REPLACEMENT OF SUBAWARDEE PERSONNEL. In the event the performance of assigned Subawardee personnel is determined by CCYJ to be unsatisfactory, Subawardee shall provide satisfactory personnel replacement, including complete resume(s), within fifteen (15) calendar days of receipt by Subawardee of notice from CCYJ requesting the personnel removal or replacement. Proposed substitutes shall meet all requirements of the appropriate labor category.

10. ASSIGNMENT. Subawardee agrees that none of the deliverables to be furnished under this Agreement shall be assigned or subcontracted (including to independent consultants) without the prior written permission of CCYJ.

11. CHANGES.

(a) Within the general scope of this Agreement, the work to be performed under the SOW may be changed unilaterally by CCYJ at any time by written notice to Subawardee. Within ten (10) working days after said notice, Subawardee will provide CCYJ with a price estimate, if applicable, for performing the changed work. CCYJ and Subawardee shall negotiate an equitable adjustment of price and schedule resulting from the changes, as may be required.

(b) Failure to agree to any adjustment under this Paragraph shall be resolved by the Parties under Section 14 of this Agreement. However, nothing in this Section 11 shall excuse Subawardee from proceeding diligently with the performance of the work as changed.

12. ASSIGNMENT OF CLAIMS. Subawardee shall not assign its rights to be paid amounts due or to become due as a result of performance under this Agreement without

the prior written consent of CCYJ.

13. TERMINATION.

(a) If HRSA elects to terminate CCYJ's award, CCYJ shall have the right to terminate this Agreement, or any part hereof, for its convenience. In the event of a termination, Subawardee shall immediately stop all work hereunder and shall immediately cause its suppliers to cease work. Subject to the terms of this Agreement, Subawardee shall be paid for all work actually performed by it and accepted by CCYJ through the effective date of termination.

(b) CCYJ may terminate this Agreement, or any part hereof, for cause:

(i) in the event of any default by Subawardee, defined as failure to deliver work conforming to the requirements of this Agreement;

(ii) if Subawardee fails to comply with any contract terms and conditions herein;

(iii) if Subawardee is late in performing and fails to provide CCYJ, upon written request, with adequate assurances of future performance;

(iv) if Subawardee becomes insolvent or the subject of proceedings under any law relating to bankruptcy or the relief of debtors or admits in writing its inability to pay debts as they become due; or

Prior to a termination by CCYJ for the reasons set forth in this Section 13(b)(i-iv) above, CCYJ shall provide Subawardee with written notice setting forth the cause(s) which may lead to a termination under this Section 13 and allowing Subawardee ten (10) days to cure. If CCYJ elects to terminate this Agreement for the reason set forth in Section 13(b)(v), Subawardee shall not be entitled to any written notice prior to termination of this Agreement.

(c) In the event of a termination for cause, CCYJ shall pay Subawardee for all work performed and accepted prior to termination, and any work in progress of which CCYJ, in its sole discretion, chooses to become the owner.

(d) Subawardee shall have the right to terminate this Agreement, or any part hereof, for its convenience. Subawardee may terminate the Agreement, in whole or in part, without penalty, by giving thirty (30) days prior notice to CCYJ.

(e) Subawardee may terminate this Agreement upon CCYJ's failure to pay Subawardee the sums due to Subawardee under the terms of this Agreement, provided that Subawardee first shall provide CCYJ with at least fifteen (15) days advanced written notice regarding such failure to pay, in each instance, and further provided that CCYJ has not remedied its payment failure within such fifteen (15) days period.

(f) In the event of Subawardee's proper termination of this Agreement in accordance with the terms of this Agreement, CCYJ shall pay Subawardee for all work performed and

accepted prior to termination, and any work in progress of which CCYJ, in its sole discretion, chooses to become the owner.

14. DISPUTES. The Parties agree to attempt to resolve any dispute arising under this Agreement first by elevating the matter to appropriate levels of management within each organization. In the event that any dispute is not resolved within thirty (30) days after notice thereof by the aggrieved Party, either Party may file suit in accordance with Section 26 of this Agreement. Subawardee agrees that pending any decision, appeal or judgment on the settlement of any dispute arising under this Agreement, Subawardee shall proceed diligently with the performance of this Agreement.

15. INDEMNIFICATION AND LIMITATION OF LIABILITY.

(a) To the maximum extent permitted under the domicile state laws of Subawardee, Each party agrees to defend, hold harmless, and indemnify the other Party (the "Indemnified Party") and its affiliates, successors, assigns, employees, agents, directors, and officers (the "Parties"') from and against any and all claims, demands, suits, judgments, damages, costs, losses, expenses, including reasonable attorneys' fees and expenses and other liabilities (collectively "Claims") incurred by the Parties to the extent that the Claims arise out of or relate to the acts or omissions of the indemnifying Party resulting from work that directly or indirectly arise out of, relate to, or are based on, Parties' work under this Agreement.

(b) Neither Party shall be liable for indirect, incidental, consequential, or punitive damages of any nature or kind, resulting from or arising in connection with this Agreement.

16. EXCUSABLE DELAYS.

(a) CCYJ and Subawardee shall be excused from performance hereunder and Subawardee shall be relieved of performance penalties for any period either is prevented from performing any services hereunder in whole or part as a result of any act of God, war, civil disturbance, epidemic, court order, government act or omission, non-cooperation by audit subjects, CCYJ-approved delays, or other cause beyond the Party's reasonable control, and such nonperformance shall not be a default hereunder or a ground for termination of this Agreement for cause. Notwithstanding the foregoing, each Party shall have the obligation to take reasonable steps to mitigate the effects of any cause of excusable delay.

(b) Subawardee shall notify CCYJ in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to CCYJ of the cessation of such occurrence.

(c) In the event that any excusable delay continues for longer than twenty (20) days, CCYJ shall have the right to terminate the delayed work for CCYJs convenience and to reprocure that work from another source or to perform that work.

17. NOTICE REGARDING LATE DELIVERY. In the event that Subawardee anticipates or encounters difficulty in complying with deliverables delivery schedule or date, it shall immediately notify, in writing, the CCYJ Director of Innovation. The notice shall give the pertinent details; however, such notice shall not be construed as a waiver by CCYJ of any contract delivery schedule, or of any rights or remedies provided by law or under this Agreement.

18. INSURANCE. As provided for under state or local laws, Subawardee shall, at all times and without exception, insure its employees under the Worker's Compensation Act, and carry Bodily Injury, Property Damage, and Automobile Liability Insurance in amounts specified below or with amounts as provided for under state or local laws. Upon request, Subawardee shall furnish CCYJ proof of required insurance.

Commercial General Liability:
$1,000,000 Per Occurrence
$2,000,000 Aggregate
$2,000,000 Products/Completed Operations Aggregate
$1,000,000 Personal & Advertising Injury
Auto Liability:
$1,000,000 Combined Single Limit
Employers Liability:
$500,000 Each Accident Limit
$500,000 Disease Policy Limit
$500,000 Disease Each Employee Limit
Workers Compensation: Statutory

The Subawardee may provide the coverage above under a self-insured/liability pool or self-insured risk management program. If the Subawardee intends to provide coverage under a self-insured/liability pool the Subrecipient shall provide: (1) a description of its self-insurance program, and (2) a certificate and/or letter of coverage that outlines coverage limits and deductibles.

All self-insured risk management programs or self-insured/liability pool financial reports must comply with Generally Accepted Accounting Principles (GAAP) and adhere to accounting standards promulgated by 1) Governmental Accounting Standards Board (GASB), 2) Financial Accounting Standards Board (FASB), and 3) the Washington State Auditor's annual instructions for financial reporting.

Subrecipient's participating in joint risk pools shall maintain sufficient documentation to support the aggregate claim liability information reported on the balance sheet. The state of Washington, its agents, and employees need not be named as additional

insured under a self-insured property/liability pool, if the pool is prohibited from naming third Parties as additional insured.

Subrecipient shall provide annually to CCYJ a summary of coverages and a letter of selfinsurance, evidencing continued coverage under Subrecipient's self-insured/liability pool or selfinsured risk management program. Such annual summary of coverage and letter of selfinsurance will be provided on the anniversary of the start date of this Subaward.

19. INTELLECTUAL PROPERTY RIGHTS.

(a) Subawardee shall identify any and all intellectual property (IPR) that it will use, or intends to use, in connection with its performance of this Agreement (Pre-existing IPR). Subawardee shall be and remain the owner of its Pre-existing IPR that existed prior to execution of this Agreement. With respect to its Pre-existing IPR, and in consideration for entering into this Agreement, Subawardee grants to CCYJ and HRSA royalty-free, irrevocable, nonexclusive, worldwide, perpetual and sublicensable licenses for use, modify, reproduce, distribute, create derivative works of, publicly display and perform the Pre-existing IPR and IPR in any medium now known or later developed in connection with the products and services that are the subject matter of the Prime Contract and this Agreement.

(b) With the exception of Subawardee's Pre-existing IPR, all IPR developed by Subawardee related to the services and products provided by Subawardee pursuant to this Agreement ("Work Product IPR") shall be deemed to be the work product of, and owned by, CCYJ, and Subawardee shall make no claim as to ownership of any such Work Product IPR. CCYJ grants to Subawardee royalty-free, irrevocable, nonexclusive, worldwide, perpetual and sublicensable licenses for use, modify, reproduce, distribute, create derivative works of, publicly display and perform the Work Product IPR in any medium now known or later developed.

(c) Notwithstanding anything set forth in this Section 19 to the contrary, at all times Subawardee shall be bound by, and must be in compliance with, the Intellectual Property Section of the U.S. Department of Health and Human Services Grants Policy Statement (January 2007) as that may be amended from time-to-time ("HHS Grants Policy Statement"), found at https://www.hhs.gov/sites/default/files/grants/grants/policies-regulations/hhsgps107.pdf

20. REPRESENTATION AND CERTIFICATIONS. Subawardee shall complete all required Representations and Certifications as they apply to this Agreement. Subawardee further agrees that it will provide additional or annual Representations and Certifications

as may be requested by CCYJ in connection with this Agreement, and also agrees to promptly notify CCYJ of any changes which modify the information contained in any such Representations and Certifications.

21. COMPLIANCE WITH LAWS. Subawardee shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this Agreement, including those made applicable solely by virtue of being a Subawardee under CCYJ's award **1 U2ZMC46634-01-00** with the HRSA, including without limitation all applicable rules and policies: (i) found at 45 CFR Part 75; (ii) found at Grants Policy Bulletin: Legislative Mandates in Grants Management for FY 2019
(iii) set forth in the HHS Grants Policy Statement, and (iv) HHS Health Resources and Services Administration Funding Terms and Conditions including without limitation the requirements set forth in Attachment D to this Agreement. Subawardee acknowledges that it has received the Subaward Notification set forth in Attachment E and the Conflict of Interest Statement set forth in Attachment G to this Agreement. Subawardee acknowledges that it shall submit all necessary information to complete the Property Report set forth in Attachment F when and as required by CCYJ.

22. EXPORT CONTROLS. Each of the Parties is bound by U.S. export statutes and regulations and shall comply with all U.S. export laws, to the extent applicable.

23. INDEPENDENT CONTRACTORS. CCYJ and Subawardee are independent contractors in relation to each other with respect to all matters arising under this Agreement. Nothing herein shall be construed to establish a partnership, joint venture, association, or employment relationship between the parties. Neither Party shall be deemed to be an agent of the other or to have any authority to bind or create any obligation, express or implied, on behalf of the other.

24. WHOLE AGREEMENT. This Agreement and the SOW attached hereto contain and embody the entire agreement of the Parties hereto and supersede all prior agreements, negotiations, and discussions between the Parties hereto. Any representation, inducement, or agreement that is not contained in this Agreement shall not be of any force or effect. Except as otherwise expressly provided in this Agreement, this Agreement may not be modified or changed in whole or in part in any manner other than by an instrument in writing duly signed by both Parties hereto.

25. NO PUBLICITY. No news releases, public announcement, Customer(s) names, denial or confirmation of any part of the subject matter of this Agreement, or any phase of any program hereunder shall be made without the prior written consent of CCYJ. The

restrictions of this Section 25 shall continue in effect upon completion or termination of this Agreement for such period of time as may be mutually agreed upon in writing by the Parties. In the absence of a written established period, no disclosure is authorized. CCYJ shall not advertise or use the name, trademark, or logo of the Subwardee on CCYJ's website, in news releases, or in public announcements, without the Subawardee's prior written consent.

26. GOVERNING LAW/VENUE. This Agreement will be governed by and construed and enforced in accordance with the laws of the domicile state of Subawardee without giving effect to the principles of conflict of laws thereunder. Any action arising out of or in connection with the Agreement may be instituted and maintained only in a court of competent jurisdiction in King County, Washington or as provided by RCW 36.01.050.

27. EXECUTION IN COUNTERPARTS. This Agreement may be executed in one or more counterparts and each counterpart shall constitute one and the same Agreement.

28. WAIVER. No Party shall be deemed to have waived any right hereunder unless such waiver is in writing, and the waiver or failure of either Party to exercise in any respect any right provided for herein shall not be a waiver of any further right hereunder.

29. SEVERABILITY. If any portion of this Agreement is held or determined to be invalid or unenforceable, the remaining provisions shall continue in full force and effect as if this Agreement had been executed within the invalid portion eliminated.

30. THIRD PARTY BENEFICIARIES. This Agreement does not create, and shall not be construed as creating, any rights enforceable by any person not a Party to this Agreement.

31. NOTICES. All notices or other communications required hereunder shall be in writing and shall be deemed duly given if delivered in person (with receipt therefor), or if properly mailed, first class, postage prepaid, to the addresses indicated herein, or emailed to the email address noted below. Notwithstanding the foregoing, no notice shall be deemed void or insufficient if (i) the party for whom such notice is intended admits to its receipt or (ii) receipt of such notice is otherwise proven.

The Center for Children & Youth Justice (CCYJ)
300 Elliott Avenue West, Suite 360
Seattle, WA 98119
Attn: Morgan Silverman, Director of Innovation
msilverman@ccyj.org

Clallam County Superior Court
223 E. 4th Street, Suite 8 | Port Angeles, WA 98362
Attn: Lacey Halberg, Superior Court Administrator
lacey.halberg@clallamcountywa.gov

32. HEADINGS. Any headings used in this Agreement are for purposes of organization only and have no independent legal significance.

33. ORDER OF PRECEDENCE. Any conflict in contractual terms shall be resolved in the following order of precedence:

(1) This agreement
(2) Attachment D – HHS Terms and Conditions
(3) Attachment G – Conflict of Interest Statement
(4) Attachment A - Statement of Work
(5) Attachment B – Budget
(6) Attachment C – Invoice Template
(7) Attachment E – Subaward Notification
(8) Attachment F – Property Report

34. **AUDIT AND RECORD RETENTION.** The parties shall retain all records relating to performance of the Agreement for six (6) years after completion of the Agreement or longer if requested by either party. All records shall be subject to inspection and audit by the other party. Upon request, parties shall promptly make all records available to the other party at no cost.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be signed as of the day and year below written.

Center for Children & Youth Justice

Signature
Rachel Sottile

Date
President/CEO

NNN County, Washington

3/1/23

Signature Lauren Erickson

Date

~~Brent Basden, Presiding Superior Court Judge~~

Approved as to form

Bert D. Boughton
Deputy Prosecuting Attorney

County Commissioner

Date

AGENDA ITEM SUMMARY

2b

(Must be submitted NLT 3PM Wednesday for next week agenda)

MAR 14 2023

Department: WSU Extension

WORK SESSION X Meeting Date: 3.6.23

REGULAR AGENDA X Meeting Date: 3.14.23

Required originals approved and attached? Y
Will be provided on:

Item summary:

☐ Call for Hearing

X Contract/Agreement/MOU - Contract # 100931.23.001

☐ Resolution ☐ Proclamation ☐ Budget Item

☐ Draft Ordinance ☐ Final Ordinance ☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
This MOA is the annual formalization of the long-standing relationships between WSU Extension and Clallam County. The annual MOA between WSU and Clallam County is being updated to reflect new approved budget amounts for 2023 as well as structure it as a fixed price agreement. A fixed price agreement will allow WSU to bill the county the same amount every month for the program services rather than structuring it as billing per person.

At this work session, I would also like to briefly update the Board on WSU Extension's recent program highlights.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
These expenditures have been approved in the 2023 budget.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Consider for approval on March 14.

County Official signature & print name: Clea Rome

Name of Employee/Stakeholder attending meeting: Clea Rome
Relevant Departments: WSU Extension

Date submitted: 3-29-23

---

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

100931.23.001

INTERAGENCY AGREEMENT

Between

WASHINGTON STATE UNIVERSITY EXTENSION

And

Clallam County

I. Mission Statement

Washington State University Extension engages people, organizations and communities to advance knowledge, economic well-being and quality of life by fostering inquiry, learning, and the application of research. This mission is carried out using research and experience-based educational programs from colleges and departments dispersed throughout the WSU system, which address important issues and needs of individuals and communities in all 39 counties in the state of Washington. WSU Extension is enabled for this task as the Land Grant Institution for Washington through partnerships with county, state, and federal governments.

II. Purpose

The purpose of this agreement is to formalize the longstanding relationships between Washington State University Extension and County Government. This also continues a longstanding, joint funding relationship for county/area Extension faculty and designated support staff. This agreement conforms to the standards for interagency agreements set forth in RCW 39.34.130.

III. Under terms of this Interagency Agreement, Washington State University Extension agrees to:

A. Recruit, employ and establish salaries for county/area Extension Educators and designated WSU support staff for County. Employment concurrence will be sought from County Commissioners before an individual is hired and assigned to the County.

B. Assure that salary increase monies will be available for Extension Educators and designated support staff based on criteria established by the Washington State Legislature and Washington State University President.

C. Supplement the funds received from the county professional services contract and pay salary and fringe benefits for each county/area Extension Educator and designated staff members.

D. Submit to the County quarterly an invoice for 1/4 of the contract amount. Quarterly invoices to be billed Jan, April, July, and October by the 10th of the month and payable

on the 25th of the month, or on a schedule mutually agreed upon between WSU and the County. This is a fixed price agreement. First invoice will not be billed to the County until there is a fully executed agreement in place.

E. In cases where position vacancies occur due to separations during a contract period, the county will be invoiced to cover the county portion of annual leave and sick leave payout.

F. Provide fringe benefits to county/area Extension Educators as outlined in the WSU Faculty Manual and provide fringe benefits to support staff as specified by the applicable agreement, policy, or law.

G. Grant annual leave, sick leave, professional leave, other leave and holidays as outlined in the WSU Faculty Manual for county/area Extension Educators or by the applicable agreement, policy, or law for jointly funded or fully WSU funded support staff.

H. Provide in-service education for county/area Extension faculty members.

IV. Under terms of this Interagency Agreement, County will:

A. Pay the amount agreed upon quarterly, or as mutually agreed upon, to Washington State University for Extension education services to be rendered in County. This professional services contract, is known as a fixed price "Appendix A" to this agreement, shall be for a term of one calendar year and will be negotiated prior to the beginning of each calendar year.

B. Promptly pay the invoice voucher from Washington State University. Current quarter invoice to be billed by the 10th and payable on the 25th of the month, or on a scheduled mutually agreed upon between WSU Extension and County.

C. The county agrees to pay the "county portion" of accumulated leave payments for contracted personnel due to separation.

D. Contingent upon approval of the Board of County Commissioners or County Executive, the county will continue to support contracted personnel on professional or retraining leave.

E. Furnish office facilities for faculty and support staff.

F. Provide an adequate operating budget to carry out Extension educational programs for citizens of the County. This budget will cover secretarial and support staff salaries not covered by this Agreement and telephone, office equipment, teaching and office supplies and travel costs.

V. Washington State University and County jointly agree that:

A. Additional program support staff positions may be employed and fully funded by either party to assist in carrying out Extension educational programs in the County.

B. This Interagency Agreement is effective upon being signed by appropriate representatives of the two organizations. It may be periodically reviewed and amended or supplemented as may be mutually agreed upon in writing.

VI. Non-Discrimination

A. There will be no discrimination in the performance of this Agreement on the basis of race, religion, creed, color, national origin, sex, marital status, sexual orientation (including gender identity), age, genetic history, honorably discharged veteran or military status, the presence of any sensory, mental, or physical disability, or any other protected status, in compliance with applicable federal and state law. This includes Title VI of the Civil Rights Act of 1964 (Pub. L. No. 88-352), as amended; the Civil Rights Restoration Act of 1987 (Pub. L. No. 100-259); Presidential Executive Order 11246, as amended, including the Equal Opportunity Clause contained therein; Section 503 of the Rehabilitation Act of 1973, as amended, and the Vietnam Era Veterans Readjustment Act of 1974, as amended, and the Affirmative Action Clauses contained therein; the Americans with Disabilities Act of 1990, as amended; and applicable non-discrimination laws of the state of Washington.

VII. Terms of Modification or Termination of this Agreement:

A. This Interagency Agreement may be modified by the parties when mutually agreed upon in writing. This Agreement shall continue in effect until terminated following mutual discussion and agreement. Should the parties be unable to agree on the level of support for professional services of Extension Educators and jointly funded staff in an upcoming contract period specified in Appendix A to this document, either party may terminate the contract. However, written notice of termination must be received before October 1 for termination effective January 1 of the next year.

VIII. Records Retention

A. Both Washington State University and the County will maintain records which are sufficient and properly reflect all costs incurred under terms of this Interagency Agreement. These records will be retained as set forth in the applicable retention schedule or six years, whichever is less.

APPROVED:

Dr. Vicki McCracken Date
Associate Dean and Director
WSU Extension

County Commissioners Date
or County Executive

Approved as to form only by

Bert Dee Boughton
Civil Deputy Prosecuting Attorney
Clallam County

Daniel G. Nordquist Date
Associate Vice President
Office of Research Support and Operations

INTERAGENCY AGREEMENT
Between
WASHINGTON STATE UNIVERSITY EXTENSION
And
Clallam County

APPENDIX A

The following funds will be provided under this Memorandum of Agreement for the period January 1, 2023, through December 31, 2023 to support extension programming.

Federal Funds $_____ Non-Federal Funds $ 228 498

TOTAL FUNDS $ 228 498

It is understood that non-Federal funds provided by the County in support of this agreement may be identified by WSU as match for Federal capacity program (Hatch Act, Smith-Lever Act, etc.) funds received by WSU to support Extension activities.

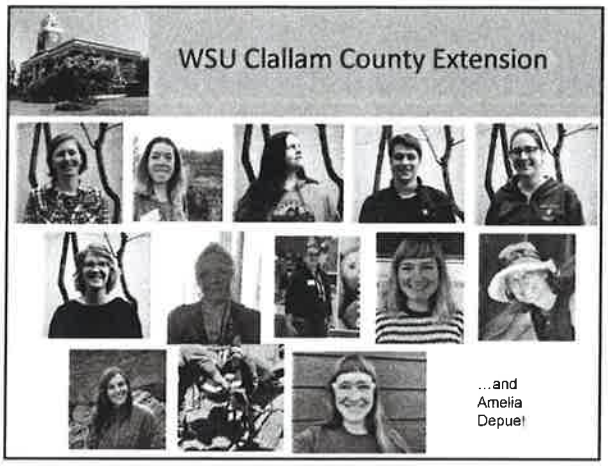
County Extension Director/department Head Services	$26,998 (General Fund)
4-H Program Coordination	$40,600 (General Fund)
Master Gardener Program	$62,900 (Road Fund)
Community Health Program	$43,000 (General Fund)
Animal Agriculture Program	$55,000 (General Fund)

Dr. Vicki McCracken Date
Associate Dean and Director
WSU Extension

Chair of the Board of Date
County Commissioners

Daniel G. Nordquist Date
Associate Vice President
Office of Research Support and Operations

1



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Extension Programs

4-H Youth Development

Master Gardeners

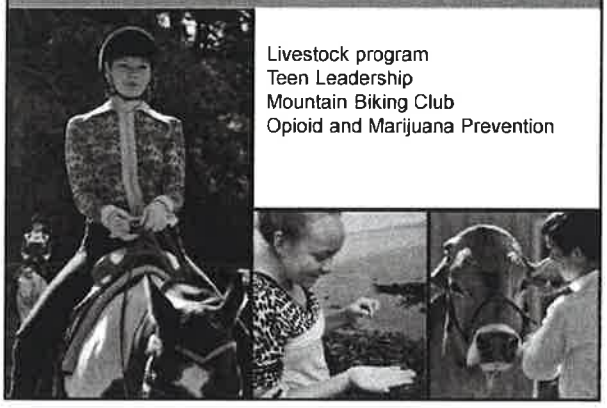
Food Systems:

- ***Regional Small Farms Program (Clallam, Jeff, Kitsap)***
- ***Community Health and Food Access (Clallam, Jeff)***

Waste Prevention ***(partnership w County)***

3

4-H Youth Empowerment



Livestock program
Teen Leadership
Mountain Biking Club
Opioid and Marijuana Prevention

4

Livestock Program

5

Master Gardeners

6

Master Gardeners
Roadside Weed Management
and
Pollinator Projects

Over 9000 volunteer hours in 2022

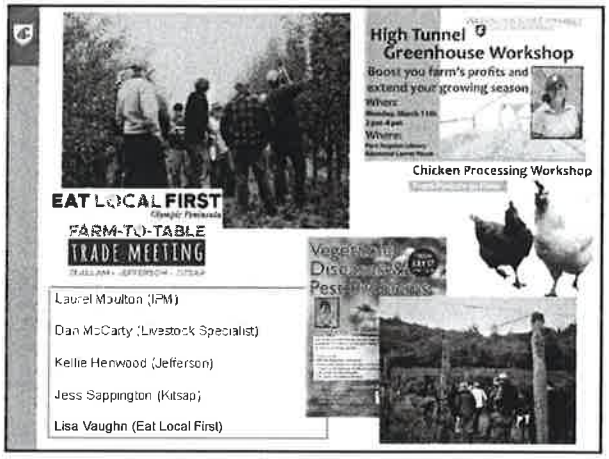
7

Strong Community Food Systems

8

Sustainable Food Systems

9



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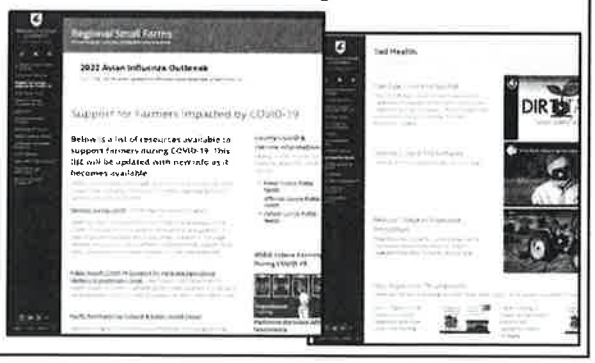
Small Farms Resource Hub

extension.wsu.edu/regionalsmallfarms/



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EAT LOCAL FIRST

BUY LOCAL.
EAT LOCAL.
SUPPORT LOCAL.

Find your favorite LOCAL products!

https://eatlocalfirstolypen.com/

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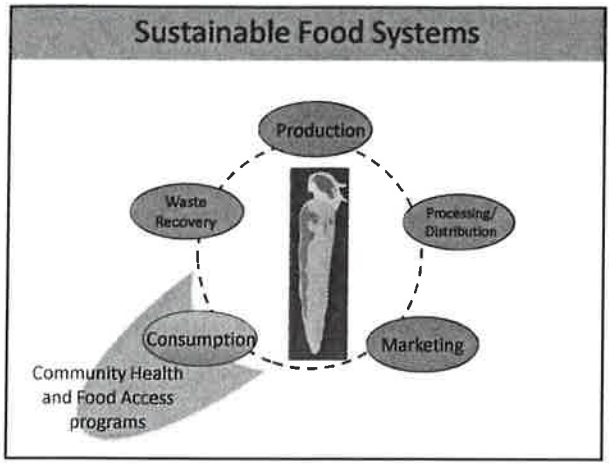

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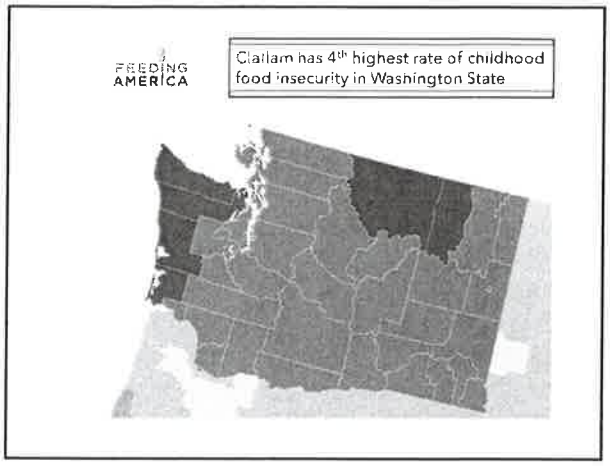

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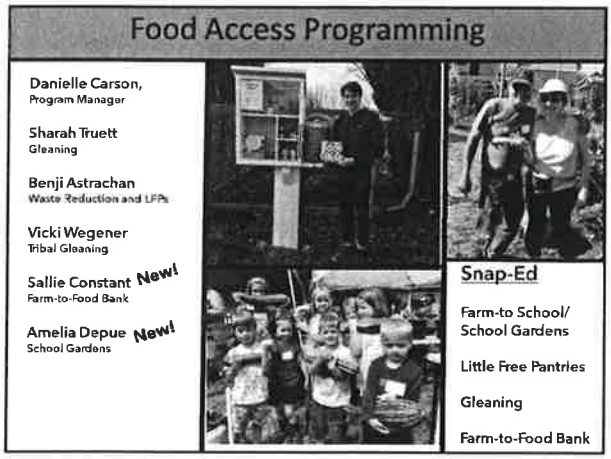

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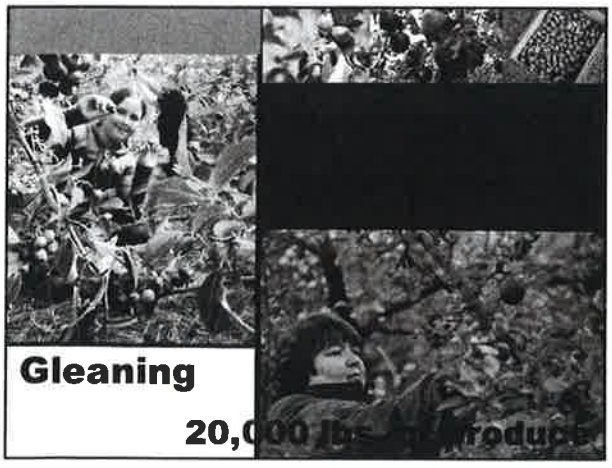

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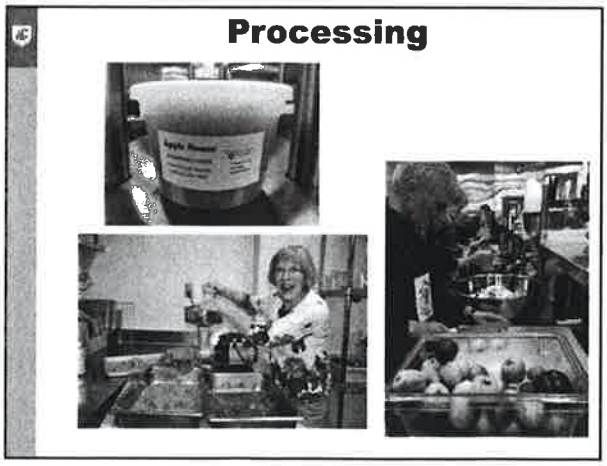

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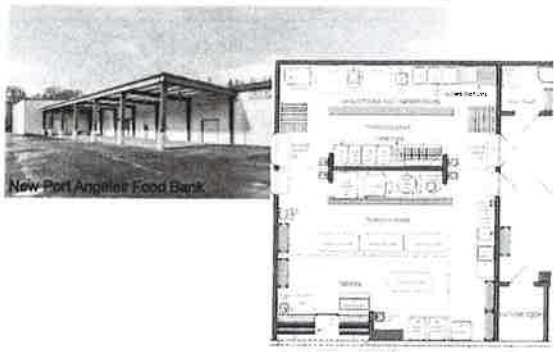
Coming this spring...

Food recovery hub and processing center



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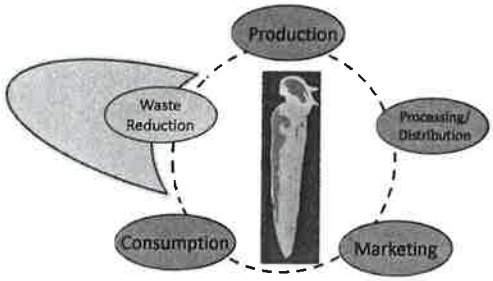
Sustainable Food Systems



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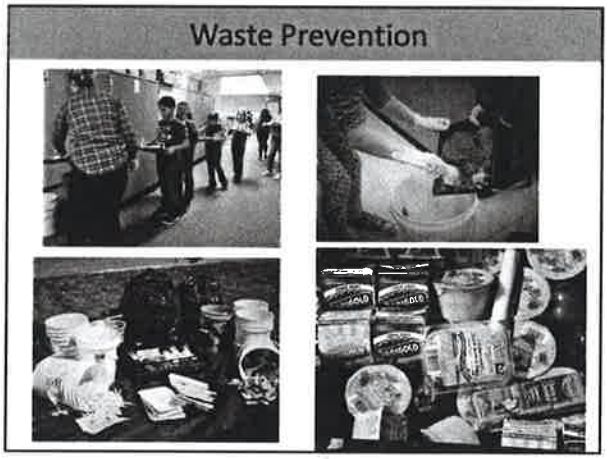
FOOD WASTE IN THE U.S. IS...

16% of methane emissions comes from landfilled organics

21

21

Waste Prevention



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WSU Clallam County Extension

Improving Quality of Life For Citizens Across Clallam County

23

?

24

2C

MAR 14 2023

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC Climate Advisory Committee

WORK SESSION **X Meeting Date:** ~~12-19-22~~ 3-6-23

REGULAR AGENDA ☐ **Meeting Date:** 3-14-23

Required originals approved and attached? X
Will be provided on:

Item summary:

☐ Call for Hearing

X Contract/Agreement/MOU - Contract # **291.22.003**

☐ Resolution ☐ Proclamation ☐ Budget Item

☐ Draft Ordinance ☐ Final Ordinance ☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:

BOCC approved a budget amendment request at the BOCC work session on January 9th for additional funds for Cascadia Consulting to complete the Climate Action Plan. The Commissioners approved the additional funds. There was no amendment prepared at the time of the approval.

The consultants have now sent the amendment to the contract for signature (attached) with the amount approved by the BOCC.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

$8,499 approved by the Commissioners on Jan 17th.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)

Signature

County Official signature & print name: Clea Rome

Name of Employee/Stakeholder attending meeting: Clea Rome

Relevant Departments: BOCC

Date submitted: 2-28-23

291.22.003

CASCADIA
CONSULTING GROUP

AMENDMENT NO. 1 TO AGREEMENT BETWEEN

Cascadia Consulting Group, Inc.
and
Clallam County

This agreement is made this 21st day of February, 2023, by and between Cascadia Consulting Group, Inc., a Washington corporation ("Cascadia"), and Clallam County, ("Client"), a Washington State County, to amend the Agreement dated February 22nd, 2022 by and between Cascadia and Client ("Original Agreement") as described below.

Cascadia and Client agree as follows:

Attachment A of the Original Agreement is hereby amended in its entirety to read as follows, attached hereto as Attachment A.

Capitalized terms used but not defined in this Amendment shall have the meanings given to such terms in the Original Agreement. Except as modified herein, all terms and conditions of the Original Agreement remain in full force and effect.

The parties have executed this Amendment the year and day first written above.

CASCADIA CONSULTING GROUP, INC.	CLALLAM COUNTY
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
Date: _____	Date: _____
Federal Tax ID #: 91-1589555 WA State UBI #: 601-448-948 City of Seattle Tax ID #: 15-6465000-5	Federal Tax ID #: _____

Approved as to form only by

Bert Dee Boughton
Civil Deputy Prosecuting Attorney
Clallam County

Attachment A

Proposed Approach

Kick-off Meeting & Project Management

We believe a solid house is built on a strong foundation, and we will strive to set the project up for success through proactive planning at the outset. We will convene an **initial kick-off meeting** to introduce our project team, clarify project goals and deliverables, and make key decisions regarding the inventory's methodology, scope, and boundaries. The meeting will help us confirm key project elements and roles, build a shared understanding of the project's process and milestones, and get to know each other. We will document the results in a final **project work plan and schedule** using the platform (e.g., Smartsheet, Excel) of the client team's preference.

We will also review our data collection process and available data sources for the inventory, identifying potential gaps and focus areas. In cases where data availability may be limited, we will discuss alternative approaches and corresponding tradeoffs to arrive at the most defensible and informative analysis for the County. Finally, we will use this meeting to clarify Clallam County's longer-term goals and vision for its climate action and resiliency planning process to ensure the GHG inventory lays a solid foundation for future climate change resiliency planning efforts and sets the County up for **not just tracking emissions, but successfully mitigating them**.

Once the project is underway, Cascadia will continue to coordinate with the County's project manager and the County's Climate Advisory Committee, including holding brief **biweekly check-in calls** (we are happy to adjust this frequency to meet the client team's needs.) Using Deltek Vision project management software, we will provide monthly invoices and progress reports that cover budget, timeline, and deliverables. Our project manager will also use Deltek Vision's real-time budget updates to identify and proactively elevate potential scope or budget issues, before they become problems that could affect the project's success.

Deliverables:

- Final **Project Workplan** that details project schedule, client/consultant/working groups roles and responsibilities, and key project details (the Clallam County Climate Advisory Group's perspective, intent, in-scope boundaries, etc.)
- **Monthly participation in CAC meetings** throughout project lifecycle
- Monthly **invoices and progress reports**

Greenhouse Gas Emissions Inventory

GHG inventories set the stage for developing high-impact climate strategies and serve as the key indicator for monitoring and assessing progress over time. In addition to a **communitywide GHG inventory**, we could also support the County in completing a **government operations GHG inventory** to demonstrate the County's commitment to "walking the talk" and leading by example to track and reduce emissions.

During the initial project kick-off meeting, we will present **options, tradeoffs, and our recommendations** for the inventory methodology, scope, boundaries, and data management (e.g., software platforms, file storage, etc.). Our preliminary proposed approach is outlined below, but we are flexible and can tailor our approach as needed.

Boundaries, Sources, and Sectors

At a minimum, we recommend completing a communitywide **geographic ("territorial") inventory** which estimates emissions released within the County's boundaries and due to community activities (e.g., energy consumption, waste disposal). If desired, we could also prepare a **consumption-based inventory** which estimates emissions associated with the goods and services consumed within the community. See "*Optional Task: Consumption-Based Inventory*" callout box below for details.

To the extent possible (based on data availability and specificity), Cascadia proposes quantifying all of the **communitywide emissions** in the **"base sources"** column in the table below and as many **"additional sources"** as possible, depending on available data, budget, and the County's interest. Completing an inventory using just the "base sources" will satisfy protocol requirements and best practices and align with other local jurisdictions.

Table 1. Typical emissions sources quantified for a communitywide geographic GHG inventory.

Sector	Base Sources	Additional Sources
Transportation	• On-road personal vehicle transportation • Off-road vehicles and equipment	• Public transit
Buildings & Energy	• Residential, commercial, and industrial electricity, propane, and/or natural gas consumption	• Transportation and distribution losses of electricity, propane, and natural gas • Refrigerants • Fuel oil consumption • Industrial process emissions
Solid Waste	• Landfill waste generation, collection, and disposal	• Compost waste generation, collection, and disposal
Water	• Wastewater treatment	• Energy consumption from potable water conveyance, if provider is located outside of county
Agriculture & Forestry	*None*	• Livestock and soil management • Forest carbon sequestration

For the **government operations inventory**, we will quantify emissions from County activities, including energy use in municipal buildings, emissions from the County's vehicle fleet, employee commuting and business travel, and County generation and management of community wastewater and solid waste.

Consumption-Based Inventory

While a traditional geographic based inventory captures the emissions over which local governments typically have the most influence, consumption-based inventories recognize that a **community's full carbon footprint extends beyond its jurisdictional borders**. For a typical North American city, consumption-based emissions (from the production, transportation, use, and disposal of goods and services consumed by a community) are 50-60% higher than geographic emissions.

If the County is interested in completing a consumption-based inventory, Cascadia proposes partnering with EcoDataLab and using their advanced methodology, which draws on best-in-class research and technology and is

currently being applied to four other counties in Washington. EcoDataLab's founder and Chief Science Officer, Dr. Chris Jones, is the Director of the CoolClimate Network at UC Berkeley, and a leading expert in carbon footprint analysis with over 15 years researching and developing tools for consumption-based emissions inventories.

Inventory Methodology

We will prepare the communitywide GHG inventory in accordance with the *U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions (USCP)* and the *Global Protocol for Community-Scale Greenhouse Gas Emissions (GPC).*[1] We will prepare the government operations GHG inventory *Local Government Operations Protocol for the Quantification and Reporting of Greenhouse Gas Emissions Inventories (LGOP).* These protocols, which several other jurisdictions in Washington have also followed, provide standardized calculation methods that support the **complete, transparent, and accurate reporting** of emissions.

Data Collection

Cascadia will develop a comprehensive **data collection checklist** (in Excel) tailored to the requirements and organization of the USCP and LGOP to ensure that (1) the inventories align with these standards, and (2) the County can easily report its emissions in a format that is comparable to other jurisdictions.

We prioritize a high level of record keeping and organization in data collection so that the inventory will be **easily replicable by County staff in the future**. For example, we typically begin each of our Excel workbooks with a hyperlinked table of contents to facilitate navigation and understanding of individual inventory components and datasets.

The checklist will outline specific data needs along with a brief description of the item, source for the information, whether it is Scope 1, 2 or 3, and point of contact for data collection. The checklist will also allow the County to **monitor data collection at any point in the project**, including which sources have been collected or are outstanding and who is responsible for delivering that data.

We anticipate that **Cascadia will lead data collection** and submit clear and timely requests to County staff when their support is needed to gather internal data or submit data requests to outside entities (we have found that some data sources, such as private utilities, are more responsive to requests from government staff than from hired consultants). Using **lessons learned** and our **familiarity with local data sources** from our recent Port Angeles GHG inventory and ongoing work with the NODC, we will facilitate an intuitive and smooth process and provide **data collection templates** to ensure we receive the correct inputs and minimize back-and-forth.

During the project kick-off meeting, we will review our data collection process and available data sources for the inventory, identifying potential gaps and focus areas. In cases where data availability may be limited, we will discuss alternative approaches and corresponding tradeoffs to arrive at the most defensible and informative analysis for the County.

Data Analysis and Management

With the data collected and organized, Cascadia will conduct a protocol-compliant inventory in one of the following formats, depending on the County's preference:

[1] The USCP is based on U.S. best practices and available data sources that may not be applicable or in use outside the U.S. As such, some of the requirements and optional guidance in the USCP differ from the *Global Protocol for Community-Scale Greenhouse Gas Emissions* (GPC). The USCP provides information on how to perform the calculations, whereas the GPC sets standards for disclosure. The methodologies in these protocols are compatible and the two standards can be used concurrently.

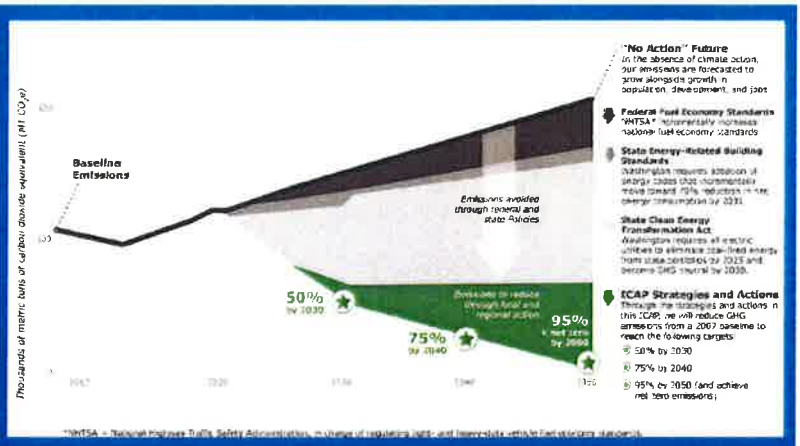
Table 2. Data management platform considerations.

ICLEI ClearPath Online Platform	EPA Local GHG Inventory Tool (or comparable Excel-based tool)
• $1,200 annual subscription fee (discounts available for multi-year membership). Membership comes with ~10 hours of annual support from ICLEI and various user guides, trainings, etc. • If membership lapses, County still has read-only and download access to data. • Updated regularly to ensure compliance with latest version of USCP and GPC. • Additional modules (reporting, planning, forecasting, etc.) may be useful for County's climate action planning.	• Leverage an existing (free) inventory tool (e.g., the EPA's Local GHG Inventory Tool which comes with detailed user guides). • EPA tool has modules for communitywide and government emissions and aligns with GPC. • Produces relatively simplified inventory.

Leveraging one of the existing standardized inventory platforms described above, we can maximize our consulting budget by focusing on providing strategic guidance, data entry and analysis, and quality control—while ensuring that the resulting inventory meets reporting standards and best practices.

GHG Forecasting

If desired, Cascadia can use the geographic, communitywide GHG inventory results to develop a "wedge analysis" that models future GHG emissions, reductions, and targets. A wedge analysis helps illustrate the impacts that various policies and climate actions could have on reducing the County's future emissions.



The wedge analysis would include a "business-as-usual" (BAU; no action future) scenario and "adjusted-business-as-usual" (ABAU; reductions from state and federal policies) scenario alongside proposed emissions reduction targets to show the remaining scale of emissions to be reduced through the implementation of the Climate Action Plan. We could additionally model the estimated emissions reduction impacts of up to five high-priority CAP actions.

Deliverables:

- Data collection checklist and templates
- Populated data collection templates
- Completed GHG inventory, provided in the County's chosen data management platform:
  - Completed Excel workbook that includes raw data and final emissions calculations
    OR
  - Completed ClearPath data entry (data inputs and outputs can be exported out of the system)
- Consumption Inventory

- GHG Forecast

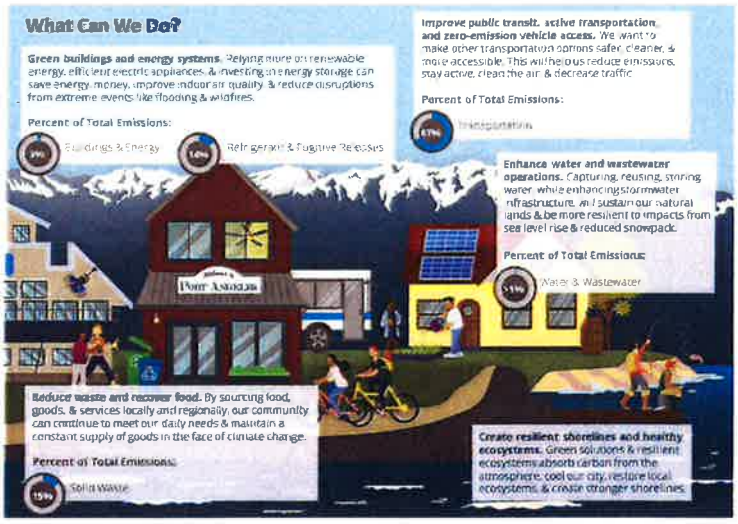
GHG Inventory Report and Communication Collateral

We propose preparing a concise final report that includes:

- **Introduction** to the project that provides the local and jurisdictional context of Clallam County and frames the GHG inventory as part of the larger climate planning process conducted by the County.
- **Methodology** of the GHG inventory, including data sources and inventory methods and assumptions.
- **GHG inventory results** using accessible visuals for the County's Scope 1, 2, and 3 emissions.
- **High-level recommendations** for initial strategies that Clallam County can consider including in the County's future climate resiliency and adaptation planning to achieve its GHG emissions reduction goals. We will ensure that these high-level recommendations are forward-looking to help the County save time and money in future planning phases.
- **Appendix** that includes data collection sources and information contacts to ensure the replicability of this inventory by the County in future years.

To maximize efficiency at this stage, we will strive to **develop content for this deliverable that we can easily integrate into a Climate Action Plan**, especially if the County decides to invest in the optional Climate Action Plan task below. We have found that developing this interim deliverable as a "plug and play" for the CAP will not only save time and budget, but also break up the planning process into manageable pieces that build upon one another. Further, it helps our Graphics Team streamline the development of the styles, fonts, colors, custom graphics, and themes early in the CAP process—getting ahead of "crunch time" at the finish line and allowing ample opportunity for the County to approve designs and styles.

We will also develop a **visually appealing infographic summary** to accompany the full report. (See example at right.) This infographic and short summary document are used to share the results of the inventory with the community; this approach helps break down the complexity of the GHG analysis process and results into clear, grounded, and meaningful takeaways for the community. To create the infographic, our team will work with Cascadia's internal Graphics Team to transfer key data points and visuals like charts and graphs into an attractive and user-friendly format. We will work with the County to determine the **appropriate features and visual profile of the infographic**—for example, using a specific font or color scheme to maintain visual consistency with other County communications. We are happy to provide further work samples demonstrating our graphic design and document formatting skill on request.



Full Climate Action Plan Development with Strategies and Actions

As an optional task, Cascadia can help Clallam County develop a final Climate Action Plan report that encompasses the GHG inventory in this proposal and the technical services to develop strategies and actions provided through the North Olympic Resource Conservation & Development Council (NODC). In preparing a Climate Action Plan for the County, we can leverage these multiple efforts to set the County up to adopt and implement its Climate Action Plan by October 2022.

We pride ourselves on creating plans that are not only accurate and actionable, but attractive and engaging, too. Cascadia has an in-house design team that crafts visually appealing products, scaled to the needs of each client. We will work with the County to select a package of Word- and/or Adobe-based document design and production services, infographic development, and compelling data displays, as available budget and needs allow. Our standards are upheld with rigorous quality control processes that involve editorial board review and senior-level oversight of all written work products and deliverables.

To that end, we envision producing an accessible and user-friendly Climate Action Plan with concise text and a focus on graphs and other visual aids—providing a snapshot of the process, the importance of taking action, and a roadmap that includes specific targets, actions, and timelines that the County and the broader community can use and reference to inspire and guide action.

At a minimum, we typically support CAPs that include the following sections:

- Executive summary, including key takeaways and graphics highlighting the plan's vision, goals, strategies, and actions.
- Introduction, including a discussion of the context and value of the plan and an overview of the planning process. Specific sub-sections will include a list of Clallam County's past climate-related activities, metrics, and achievements; and a summary of historic GHG emissions and projected climate impacts and vulnerabilities.
- Vision and targets, framing the plan by introducing the County's vision for the future, sharing top community priorities, and identifying emissions-reduction targets and other goals and how they relate to current County plans or regulations.
- Strategies and actions, describing each overarching strategy and including both near-term (next two years) and longer-term (next five years) actions. The goal will be to provide enough context and description for each action that County staff and other stakeholders can clearly understand the action's steps and what success would look like.
- Implementation plan and matrix, laying out a clear action plan for achieving climate goals and set metrics for tracking progress along the way.

Deliverables:

- GHG Inventory Report, including draft, one round of revisions, and final (~10 pages)
- Infographic (1-2 pages) summarizing process and key findings
- Detailed list of data sources and contact information, provided as appendix to the final report
- Climate Action Plan Development
    - Draft Climate Action Plan for City, stakeholder, and/or public review

  - Final climate action plan
- Participation in BOCC meeting to provide technical Q&A support

Budget

We propose a budget of **$63,999** for this project (excluding optional tasks). We are open to adjusting our budget in response to the County's priorities or changes to available resources.

Task	Cost
1. Kick-off Meeting and Project Management	$ 7,150
2. GHG Inventory	$ 30,229
3. Report and Communications Collateral	$ 26,620
TOTAL	**$ 63,999**

The table below includes fully burdened hourly rates for our core team members.

Staff	Role	Hourly Rate
Angela Pietschmann	Project Manager & Inventory Lead	$ 165
Hailey Weinberg	Data Analyst	$ 115
Mike Chang	Climate Resilience Advisor	$ 190
Mary Ann Rozance	NODC Liaison	$ 160
Andrea Martin	Principal-in-Charge	$ 245
Keiko Betcher	Graphic Designer	$ 115

Timeline

Below is our proposed timeline for this project. If needed, we can adjust this timeline based on the County's preferences and capacity. We have included the additional months of September and October 2022 to align with the NODC Regional Climate Planning Project timeline.

Task and Deliverables	Mar '22	Apr '22	May '22	Jun '22	July '22	Aug '22	Sept '22	Oct '22	Nov '22	Dec '22	Jan '23	Feb '23	Mar '23
1. Kick-off Meeting and Project Management													
Kickoff meeting, Project Workplan	•												
Monthly CAC meetings, invoicing	•	•	•	•	•	•	•	•	•	•	•	•	•
2. Greenhouse Gas Inventory													
Data collection checklist and templates	•	•	•	•									
Data collection	•	•	•	•									
Geographic inventory (communitywide and gov. ops.)			•	•	•								
Consumption Inventory		•	•	•	•	•	•	•					
Forecasting & Wedge Analysis								•	•	•	•		
3. GHG Inventory Report and Communication Collateral													
Final report, including methodology, results, and recommendations				•	•	•	•	•					
Infographic summarizing process and key findings											•	•	
Full Climate Action Plan									•	•	•	•	•
BOCC meeting attendance												•	•

291.22.003

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2/22/22

CASCADIA
CONSULTING GROUP

AGREEMENT BETWEEN

Cascadia Consulting Group, Inc.
and
Clallam County

This Agreement is made this 22nd day of February 2022, between Cascadia Consulting Group, Inc., ("Cascadia"), a Washington Corporation, and Clallam County, ("Client"), a Washington State County, to perform the Work identified herein in accordance with the terms of this Contract and any other documents referenced herein.

Cascadia and Client agree as follows:

1. **Scope of Work**
Cascadia agrees to perform the services described in Attachment A, incorporated herein by reference (collectively the "Work").

2. **Compensation**
Client agrees to pay for the Work provided by Cascadia in accordance with Attachment A. In return for the payment of the compensation set forth in Attachment A, Cascadia agrees to furnish and pay for all materials, labor, equipment, and taxes which it incurs in providing the services hereunder.

Cascadia will submit an invoice to Client each month for work performed. Client agrees to pay Cascadia within 30 calendar days after receipt of invoice from Cascadia. Any late payment shall bear interest at the rate of one percent per month.

3. **Schedule**
Work shall commence upon execution of this Agreement. All work shall be completed by the date(s) set forth in Attachment A unless delays are caused by Client or are a result of a force majeure under Section 18.

4. **Changes**
Any changes to the scope of the Work described in Attachment A, or the manner in which the Work is to be performed, shall be made only by mutual agreement, and shall be in writing.

5. **Insurance**
Prior to starting work, Cascadia shall obtain and maintain in force, worker's compensation, as required by state law, automobile liability insurance on a per occurrence basis having an aggregate of not less than $1,000,000, and comprehensive general liability insurance on a per occurrence basis having an aggregate of not less than $1,000,000. Upon request, Cascadia will provide Client with an appropriate certificate of insurance reflecting the above coverages.

6. **Representations and Warranties.**
(a) By Both Parties. Each party represents and warrants that (a) the person who signs this Agreement on its behalf has the right, power and authority to sign the Agreement, and to contractually bind the signing party, (b) this Agreement is the valid, legal, and binding

obligation of such party, enforceable against such party in accordance with its terms; and (c) it has no agreement or understanding with any third party that will conflict with its performance under this Agreement.

(b) By Client. Client represents and warrants that the Work it requests Cascadia to perform will not be unlawful under the laws of the jurisdiction(s) in which such Work is performed.

(c) By Cascadia. Cascadia represents and warrants that it will perform the Work (i) in good faith, (ii) in a professional manner and (iii) with reasonable diligence, skill and care.

(d) Limitations on Warranties. The warranties set forth in this Section 6 are the sole and exclusive warranty given by Cascadia arising out of or relating to this Agreement. Cascadia disclaims all other warranties, either express, implied or statutory, including, without limitation, warranties of merchantability and fitness for a particular purpose. Client's exclusive remedy for any breach of the warranty set forth in Section 6(b) will be for Cascadia, upon receipt of written notice, to use diligent efforts to cure such breach at no additional cost to Client, or, failing any such cure in a reasonable period of time, return of professional fees and expenses paid to Cascadia hereunder with respect to the Work giving rise to such breach.

7. Indemnity

To the fullest extent permitted by law, Cascadia shall indemnify and hold harmless Client and its agents and employees from and against any and all claims, damages, losses or expenses, including reasonable attorneys' fees, on account of bodily injury, personal injury (including death), or injury to property sustained by any third person or persons, to the extent caused by the negligent act or omission of Cascadia or any of its agents, employees or subcontractors.

Client shall indemnify and hold Cascadia harmless from any and all claims, damages, losses and expenses (including, but not limited to, reasonable attorney's fees and legal costs) caused by any negligent act or omission of Client, or any of its agents or employees.

Any indemnity hereunder is conditioned upon the indemnified party providing to the indemnifying party prompt written notice of any claim or action requiring indemnification, and the indemnifying party shall have the right, at its expense, to take over the defense of such claim or action.

8. Equal Opportunity

Cascadia shall not discriminate against any employee or applicant for employment because of race, religion, creed, color, sex, marital status, sexual orientation, political ideology, ancestry, national origin, or the presence of any sensory, mental, or physical handicap, unless based on a bona fide occupational qualification. Cascadia shall comply with all equal opportunity or affirmative action requirements or plans as may be required by law.

9. Limitation of Liability

NEITHER PARTY SHALL BE LIABLE FOR ANY SPECIAL, INDIRECT, CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, LOST PROFITS), INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES

ARISING OUT OF OR RELATING TO THIS AGREEMENT, HOWEVER CAUSED AND UNDER ANY THEORY OF LIABILITY, EVEN IF SUCH PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. CASCADIA'S TOTAL LIABILITY FOR DAMAGES ARISING OUT OF ANY CAUSE WHATSOEVER RELATED TO THIS AGREEMENT (WHETHER BASED IN CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) WILL BE LIMITED TO THE TOTAL PRICE FOR THE WORK PROVIDED BY CASCADIA UNDER THIS AGREEMENT GIVING RISE TO THE LIABILITY.

10. Assignment

Cascadia shall not transfer or assign any interest in this Agreement without prior written consent of Client, which consent shall not be unreasonably withheld. Any such transfer or assignment without Client's consent shall be void and of no legal effect.

11. Termination

Either party may terminate this Agreement upon written notice to the other party:

(a) In the event of a material breach of any term, condition or covenant by the other party which remains uncured after five (5) days written notice thereof to the other party; or

(b) For any reason or no reason upon fifteen (15) days prior written notice; or

(c) In the event that the other party has any proceedings instituted by or against it seeking relief, reorganization or arrangement under any laws relating to insolvency, or any assignment for the benefit of creditors, or the appointment of a receiver, liquidator or trustee of any of its property or assets, or the liquidation, dissolution or winding up of its business.

If this Agreement is terminated, Client shall pay Cascadia for all Work performed up to the date of termination, including all non-cancelable costs incurred by Cascadia prior to termination but paid after the termination date. Client shall pay for all the work actually performed in accordance with this Agreement, even if the parties' original payment schedule spreads-out payments for certain Work or defers payments for certain work until the completion of such Work. If payments are unit or milestone based, and the Agreement is terminated after costs have been incurred toward achieving portions of one or more incomplete units or milestones, Client will pay a prorated portion of such fees based on the actual Work performed toward those incomplete units or milestones up to the date of termination, in addition to paying for completed units or milestones.

In the event of termination or expiration of this Agreement, those provisions which by their nature or effect are required or intended to be observed, kept or performed after termination including, without limitation, provisions related to payment, ownership of Deliverables, indemnification, confidentiality, and dispute resolution, will survive termination and remain binding upon the parties.

12. Confidentiality

This Section 12 sets forth the terms and conditions which will apply to any "Confidential Information" (as hereinafter defined) which may be disclosed by either party ("Discloser") to the

other party ("Recipient") with respect to Discloser's products, services, technologies, or other aspects of the business of Discloser which are confidential or proprietary in nature. As used in this Agreement, "Confidential Information" means all information which Discloser discloses to Recipient that is identified as being proprietary or confidential and all information which, by the nature of the circumstances surrounding the disclosure, reasonably ought to be treated as proprietary and confidential. Confidential Information may include information originally disclosed to the Discloser by third parties. A party's obligations under this Agreement shall not apply to Confidential Information that (i) is or becomes generally available through no breach of an obligation of confidentiality; (ii) is already in the possession of the Recipient at the time of disclosure by the Discloser as shown by competent evidence; (iii) is obtained by the Recipient from a third party without breach of an obligation of confidentially; or (iv) is independently developed by the Recipient without use of or reference to the disclosing party's Confidential Information, as shown by competent evidence.

Non-use and Nondisclosure. Recipient will not use Confidential Information of Discloser for any purpose except to engage in a business relationship between the parties. Recipient will not disclose the Discloser's Confidential Information except to those employees or contractors of Recipient who are required to have the information in order to engage in a business relationship with the other party or those persons or entities who have entered into a non-disclosure agreement with Recipient with terms at least as restrictive as those contained in this Agreement. Recipient may disclose the Discloser's Confidential Information if required by law so long as the Recipient gives the Discloser prompt written notice of the requirement prior to the disclosure and assistance in obtaining an order protecting the information from public disclosure. Neither party will reverse engineer, disassemble, or decompile any prototypes, software, or other items that are Confidential Information provided by the other party.

Maintenance of Confidentiality. Each party will take reasonable measures to protect the secrecy of and avoid disclosure and unauthorized use of the other party's Confidential Information. Without limiting the foregoing, each party will take at least those measures that it takes to protect its own confidential information of like nature.

Ownership; Remedies. Each party shall each at all times remain the sole owner of its respective Confidential Information and any improvements thereof. Except as set forth in Section 13 herein, nothing in this Agreement is intended to grant either party any rights under any patent, copyright, other intellectual property right or Confidential Information of the other party. Each party acknowledges that any violation or threatened violation of Section 12 of this Agreement may cause irreparable injury to the other party, entitling the other party to seek injunctive relief in addition to all other remedies provided under the Agreement or available at law.

Obligations on Termination. Upon termination of this Agreement, each party will promptly return all Confidential Information received by such party to the other party (provided, however, that either party may retain Confidential Information to the extent required to do so by applicable laws or regulations, and nothing herein shall require a party to delete Confidential Information from its computer systems' historical back-up media, provided that in each case such Confidential Information shall remain subject to the terms of this Agreement and

applicable laws and regulations). The parties' obligations of confidentiality shall survive termination of the Agreement and notwithstanding the return of any Confidential Information.

13. **Materials and Work Product.**

(a) All materials provided by Cascadia to Client for the performance of Work, including, without limitation any Confidential Information of Cascadia, along with any concepts, ideas, methods, methodologies, procedures, processes, know-how, techniques, models, templates, and general purpose consulting tools created by, acquired by, or otherwise employed or modified by Cascadia (collectively, the "Cascadia Materials"), will remain the sole property of Cascadia, will be used only in furtherance of the Work in accordance with this Agreement and will not be used or delivered to or for the benefit of any third party without the prior written consent of Cascadia, and will be used in compliance with all applicable laws, rules and regulations. Client will not reverse engineer, disassemble, or decompile any prototypes, software, or other items that are Cascadia Materials.

(b) Upon full and final payment to Cascadia of all fees due hereunder, the tangible items specified as deliverables or work product in Attachment A (the "Deliverables") will become the property of Client. If any Cascadia Materials are contained in any Deliverables, Cascadia hereby grants to Client a non-exclusive, royalty-free, worldwide, nontransferable license to use for Client's internal business purposes any Cascadia Materials contained in any Deliverables or to fulfill the purpose set forth in Attachment A.

(c) Client acknowledges and agrees that any advice, recommendations, information, Deliverables or other work product provided to Client by Cascadia in connection with the Work are intended for Client's sole benefit, and Cascadia does not authorize any other party to rely upon such advice, recommendations, information, Deliverables or other work product and any such reliance shall be at such party's sole risk.

14. **Entire Agreement/Relationship of the Parties.**

This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof and supersedes any and all prior and contemporaneous agreements, memorandum, arrangements and understandings, both written and oral, between the parties with respect to the subject matter. The parties are independent contractors, and this Agreement will not be construed to create a joint venture, partnership, or the relationship of principal and agent between the parties, nor to impose upon either party any obligations for any losses, debts or other obligations incurred by the other party.

15. **Arbitration.**

This Agreement shall be construed and enforced according to the laws of the State of Washington. Should any dispute occur between the parties arising out of or related to this Agreement, or their rights and responsibilities hereunder that cannot be resolved through good faith negotiations, the matter shall be settled and determined by arbitration under the then current Commercial Arbitration Rules of the American Arbitration Association. The decision and award of the arbitrator shall be final and binding, and the award rendered may be entered in any court having jurisdiction thereof. The arbitration shall be held in, and the award shall be

deemed to be made in, King County, Washington. The prevailing party shall be entitled to recover its costs and reasonable attorney's fees from the non-prevailing party.

16. **Amendments; Waivers.**
This Agreement may only be amended pursuant to a written agreement executed by the parties, and no waiver of compliance with any provision or condition of this Agreement shall be effective unless evidenced by a written instrument executed by the party against whom such waiver is to be effected. No waiver of any term or provision of this Agreement shall be construed as a further or continuing waiver of such term or provision or any other term or provision. The failure of any party to insist upon strict performance of any of the covenants and agreements herein contained, or to exercise any option or right herein conferred, in any one or more instances, shall not be construed to be a waiver or relinquishment of any such option or right, or of any other covenants or agreements.

17. **Severability.**
If any provision or any part of any provision of this Agreement is held to be illegal, void or unenforceable for any reason whatsoever, then such provision shall be stricken and of no force and effect. However, unless such stricken provision goes to the essence of the consideration bargained for by a party, the remaining provisions of this Agreement shall continue in full force and effect and, to the extent required, shall be modified to preserve their validity. Upon such determination that any term or other provision or any part of any provision is void or unenforceable, the parties shall negotiate in good faith to modify this Agreement so as to effect the original intent of the parties as closely as possible in an acceptable manner to the end that performance contemplated hereby is fulfilled to the fullest extent possible.

18. **Force Majeure.**
Except for the duty to make payments hereunder when due, if either party is prevented from carrying out its obligations under this Agreement by fire, flood, epidemic, pandemic, quarantine restrictions, act of God, terrorism, war (declared or undeclared), boycott, lock out, war, labor or civil disturbance, public disaster, or any other cause beyond such party's reasonable control, then such party's performance shall be excused during the period of such events and for a reasonable period of recovery thereafter, and the time for performance of such obligations shall be automatically extended for a period of time equal to the duration of such events; provided, however, that the party claiming force majeure shall promptly notify the other party of the existence of such force majeure, shall use all commercially reasonable efforts to avoid or remedy such force majeure and shall continue performance hereunder with the utmost dispatch whenever such force majeure is avoided and remedied. When such circumstances arise, the parties shall discuss what, if any, modification of the terms of this Agreement may be required in order to arrive at an equitable solution.

19. **Construction.**
Where the context so requires, all references in this Agreement to the singular shall be deemed to include the plural and vice versa.

20. **Signature.**
At the sole discretion of Cascadia, Cascadia may consent to the Client's signature on this Agreement being by email, fax, photocopy, pdf or other electronic means, in which case such Client signature will be deemed an original signature for all purposes.

22. **Notices.**
All notices, claims, demands and other communications hereunder shall be in writing and shall be deemed to have been duly given to a party if delivered in person or sent by overnight delivery to the parties at the following address (or at such other address for a party as shall be specified by a like notice) on the day of the delivery, or if by facsimile, upon confirmation of receipt:

If to Cascadia Consulting:
Cascadia Consulting Group, Inc.
Attn: Angela Pietschmann
1109 First Avenue, Suite 400
Seattle, WA 98101
If by facsimile: (206) 343-9819

If to Client:
Clallam County, Department of Community Development
Attn: Cathy Lear
223 East 4th St, Suite 5
Port Angeles, WA 98362
If by facsimile: (360) 417-2443

The parties have executed this Agreement by their duly authorized representatives.

CASCADIA CONSULTING GROUP, INC.

By: Andrea Martin

Name: Andrea Martin

Title: Director

Date: 2/16/2022

CLALLAM COUNTY

Board of Clallam County Commissioners

By:

Name: Mark Ozias

Title: Chair

Date: 2-22-22

Approved as to form only by:

Elizabeth Stanley
Civil Deputy Prosecuting Attorney
Clallam County

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AGENDA ITEM SUMMARY MAR 14 2023

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC/Finance

WORK SESSION ☒ **Meeting Date: 3/06/2023**

REGULAR AGENDA ☒ **Meeting Date: 3/14/2023**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing

☒ Contract/Agreement/MOU - Contract # 19941.23.001

☐ Resolution

☐ Proclamation

☐ Budget Item

☐ Draft Ordinance

☐ Final Ordinance

☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
This is our 2023 Personal Services Agreement with the Clallam County Economic Development Council in the amount of $123,000.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

Funding for this contract is already included in the 2023 Budget.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)

Please review and sign.

County Official signature & print name: Debi Cook

Name of Employee/Stakeholder attending meeting: Mark Ozias, Coleen McAleer

Relevant Departments: BOCC/Finance

Date submitted: 2/23/2023

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Agenda Sum 1-24-2022
Revised: 3-04-2019

Questions? Call Loni Gores, Clerk of the Board, ext 2256

PERSONAL SERVICES AGREEMENT

Contract Number: 19941.23.001

THIS AGREEMENT is entered into between CLALLAM COUNTY, a political subdivision of the State of Washington, (hereinafter called "County" or "Clallam County") and

Name: Clallam County Economic Development Council
Address: P.O. Box 1085
Port Angeles, WA 98362
Phone №: 360.457.7793

(hereinafter called "Contractor").

This Agreement is comprised of:

☒ Attachment A – Scope of Work

☒ Attachment B – Compensation

☒ Attachment C – General Conditions

☒ Attachment D – Special Terms and Conditions

☐ Attachment E – (specify)

copies of which are attached hereto and incorporated herein by this reference as if fully set forth.

The term of this Agreement shall commence on the first day of January 2023 and shall, unless terminated as provided elsewhere in the Agreement, terminate on the thirty-first day of December 2023.

IN WITNESS WHEREOF, the parties have executed this Agreement on this day of , 2023.

CONTRACTOR:

Colleen McAleer, Executive Director

Date: 2/21/2023

BOARD OF CLALLAM COUNTY COMMISSIONERS

Mark Ozias, Chair

ATTEST:

Loni Gores, Clerk of the Board

THIS CONTRACT HAS BEEN APPROVED AS TO FORM BY THE CLALLAM COUNTY PROSECUTING ATTORNEY

Originals: BOCC
Vendor
Initiating Department

SCOPE OF WORK

The Contractor is a non-profit educational and research corporation of the State of Washington and the County has need of research and education with regard to its operations.

The County performs various services, including land-use planning and road maintenance and construction, and is interested and concerned with the present and future utilization of these services and the economic stability and well-being of the County.

The County needs development and implementation of an overall economic development plan.

PERFORMANCE BY THE CONTRACTOR

ACTIVITIES:

Required reporting by Associate Development Organizations (ADOs) on performance measures listed below represent two broad areas of work mandated by statute RCW 43.330.080

- Direct assistance, including business planning, to companies throughout the county who need support to continue their business, expand, or relocate to Washington from out of state, from other counties or other countries. Assistance must comply with business recruitment and retention protocols established in RCW 43.330.062.
- Support for regional economic research and regional planning efforts to implement target industry sector strategies and other economic development strategies, including cluster-based strategies. Research and planning efforts should support increased living standards and increased foreign direct investment and be aligned with the statewide economic development strategy. Regional associate development organizations retain their independence to address local concerns and goals.

DELIVERABLES:

1. The Clallam County Economic Development Council (EDC) 2023 Work Plan is outlined in Section A below.
2. The EDC and the CLALLAM COUNTY have agreed to the required performance measures that will be used by the EDC and the CLALLAM COUNTY to assess the EDC's performance. These performance measure targets are identified in Section B below. These performance measures are specific deliverables under this agreement.
3. The EDC shall collect data and shall provide quarterly reports to the BOARD OF COUNTY COMMISSIONERS (BOCC) on all required data in Table B below Performance Measures. These reports are an agreement deliverable.
4. Only those activities identified in Section B "Performance Measures" will be used by the EDC and CLALLAM COUNTY to assess achievement of "Performance Measure Targets".
5. Diversity, Equity, and Inclusion (DEI) work is an integral part of the EDC's work. The EDC will use Census data to target DEI within Clallam County. The EDC will pursue partnerships with the four tribal governments to remove barriers to access opportunities and resources to ensure these residents have every opportunity to prosperous. The EDC will use the state resiliency network which CIE is a part of and use their advisors who are fluent in Spanish or other languages as needed to work with local business owners.
6. Demographic Information for Business Ownership and Certifications – Using the online Interaction and Initiative forms or the Business Survey – The EDC will capture demographic and other relevant data from the businesses we serve to help us improve our efforts to remove systemic barriers which impact marginalized businesses and communities. These demographic reports are an agreement deliverable.
7. Quarterly Reports and quarterly invoices will be submitted to the Chair of the BOCC or his/her designee by the following dates:
    a. April 15, 2023

b. July 15, 2023
c. October 15, 2023
d. January 15, 2024

SECTION A – WORK PLAN FOR 2023

1. The EDC will provide direct assistance, including business planning, to companies throughout the county who need support to stay in business, expand, or relocate to Washington from other states, from other counties or other countries. Assistance complies with business recruitment and retention protocols established in RCW 43.330.062, and will include:

   a. Providing information to business owners on state and local permitting processes, utility barriers, tax issues and incentives, export assistance available, essential information to address business restrictions (such as COVID restrictions and zoning), and for operating, expanding, or locating a business in Clallam County.

   - The EDC will lead a Choose Clallam First program using social media, newsletters, newspapers, and radio to support local businesses.
   - The EDC will readily distribute information to business owners using the social media, newsletters, and our website, www.clallam.org.
   - The EDC will present (with partners if possible) information regarding our Initiatives at each of the four chamber forums across Clallam County and with community organizations such as Rotary Clubs, Soroptimist, Kiwanis, etc.
   - The EDC will communicate with the local Realtor Associations to understand barriers for business growth which produce living wage jobs and desired development. The EDC will coordinate meetings and forums to connect decision-makers at the local level to ensure barriers are understood and addressed if possible.
   - The EDC will respond to requests for assistance which will include regulatory research and support, community forums, housing study, recruitment incentives research and negotiations, land use planning and code assistance, and referrals. The EDC will refer inquiries to appropriate partners across the county.

   b. Marketing CLALLAM COUNTY as an excellent location to expand or relocate a business and positioning Clallam County as a competitive place to grow business, which may include developing and executing regional plans to attract companies from out of the area:

   - The EDC will work actively with local government staff to actively market, recruit, and support businesses in Clallam. This will include conferences that directly support of the county and cities primary industry sectors.
   - The EDC will respond to inquiries from businesses seeking to locate in our area.
   - The EDC will actively participate in recruitment of businesses in partnership with Dept of Commerce, Impact Washington, and local leaders.
   - The EDC will distribute existing Clallam County marketing videos and will produce videos for targeted purposes when appropriate.

   c. Working with businesses to support site location and selection assistance:

   - The EDC will review all site selection opportunities presented. The EDC will send the inquiry to appropriate partners if the area meets the minimum qualifications to assess interest.
   - The EDC will assess zoning requirements and needs throughout the county and provide feedback to local governments and elected officials.

- The EDC staff will support calls for assistance with site selection and facilitate research through pertinent parties such as PNNL, utility specialists, planners, and Realtors©. Additionally, the EDC will communicate with business owners regularly to support their needs and understand the economies within the county.

d. Providing business retention and expansion services throughout the county. These support services include business outreach through multiple methods including in-person meetings (when allowed), surveys to identify and address challenges and opportunities faced by businesses.

- The EDC's PTAC (rebranded to APEX Accelerator in Q1 2023) Counselor will reach out to local businesses and provide technical assistance to those businesses who express interest in selling to local, state, or federal government.
- The EDC will partner with Peninsula College to collect business data through surveys.
- The EDC will share information to existing Clallam businesses about:
    1) Grant opportunities for trade impacted businesses from the federal trade adjustment assistance program.
    2) Resources available for microenterprise development.
    3) Resources available on the revitalization of commercial districts.
    4) The opportunity to maintain jobs through shared work programs authorized under chapter 50.60 RCW.
    5) Resources for manufacturers available through Impact Washington.
    6) Strategic Reserve Fund applications as appropriate; and
    7) Opportunity Fund applications through local government as appropriate.
- The EDC will continue to partner with the WSBDC, PTAC, each of the four Chambers, CIE, NODC, NPBA, Realtor Associations, Peninsula College, and PORT and city staffs to help serve the needs of businesses throughout the county.
- The EDC staff will assistance with research, site selection and workforce issues. We facilitate research through pertinent parties such as utility specialists, planners.

e. Participating in economic development system-wide discussions regarding gaps in business start-up assistance in Washington.

- The EDC will participate in the semi-annual State Best Practices Conferences and will present information and programs to help other areas of the state understand barriers and practices that most readily overcome those barriers.
- The EDC will share its partnership and practices with the Washington State Small Business Development Center (SBDC) and the Center for Inclusive Entrepreneurship (CIE).
- The EDC will assist interested buyers and existing small business owners to accommodate small business succession.
- The EDC will actively coordinate with childcare providers to assess the need in Clallam County and identify and initiate innovative and collective solutions to make the Childcare industry more financially sustainable in 2023. The EDC will continue to pursue grant funding to offer technical assistance, equipment and supplies at no cost to our local childcare providers.

f. Providing or facilitating the provision of export (outside of county) assistance through workshops or one-on-one assistance.

- The EDC will provide resources and referrals by email, telephone, and in-person visits for those seeking export assistance. The Clallam EDC will work with experts at consulting firms and Northwest Trade Adjustment and Assistance Center (NWTAAC) to help companies most effected by tariff adjustments and/or import barriers.

2. Support for regional economic research and regional planning efforts to implement target industry sector strategies and other economic development strategies, including cluster-based strategies. Research and planning efforts should support increased living standards and increased foreign direct investment and be aligned with the statewide economic development strategy. Regional associate development organizations retain their independence to address local concerns and goals. Activities include:

   a. **Participating with the State Board for Community and Technical Colleges, and Peninsula College, High School Career & Technical Programs and the Olympic Workforce Development Council.**
      - The EDC will continue its on-going partnership with Peninsula College (PC) in workforce education, outreach, and economic development efforts throughout the County. The EDC will meet regularly with PC leadership. The PC president serves on the EDC Executive Committee as well as an active member of the Clallam EDC Board of Directors.
      - The EDC will serve as a Director on the Olympic Workforce Development Council.
      - We The EDC will coordinate on WorkSource programs in an attempt to make them more effective for local small businesses.

   b. **Participating in development of a countywide economic development plan in conjunction with other governmental jurisdictions and institutions.**
      - The EDC, in coordination with our county, cities and special district partners and non-profits such as NPBA, Realtor Associations, PABA, NODC, West End Business and Professional Association, United Way and our four county chambers, will collaborate on economic initiatives, including inputs to the annual review of the CEDS document for Clallam and Jefferson Counties.
      - The EDC will participate in the County's Housing Solutions Committee and offer to provide analysis on the affordable housing projects. The EDC will pursue developers of multi-family projects to build affordable housing, workforce housing and market-rate housing.

   c. **Champion and provide administrative support to the North Olympic Legislative Alliance (NOLA).**
      - The EDC will host Josh Weiss on Coffee with Colleen monthly through the 2023 legislative Session.
      - The EDC will organize the process for Steering Committee members to provide input to establish legislative priorities for 2024.

SECTION B: 2023 PERFORMANCE MEASURES

1. RECRUITMENT& MARKETING ACTIVITIES

Recruitment & Marketing — Business attraction (recruitment and marketing) is a means of contributing to the economic vitality of the community to enhance and diversify the local tax base, to increase the number of jobs available to residents in the community, and to improve the local quality of life. For communities to maintain and boost their economic vitality, they must persuade businesses or investors to locate, expand or remain in the area rather than in a competing location. Economic development marketing and attraction is not just selling business sites or attracting businesses, it is a means of promoting the community as a viable location for economic activity. Marketing techniques to reach targeted audience and attract potential investors could include advertising; public (e.g., press kits, public official speeches, news releases, public relations); promotional materials (e.g., trade exhibits, economic development newsletters, slide and video presentations, brochures, fact books, websites); direct mail; personal selling (e.g., trade fairs, trade shows, business envoys, events); email (e.g., electronic newsletters, event invitations, announcements, links to your website for prospects); social media.

RECRUITMENT & MARKETING ACTIVITY	Performance Measure Targets – 2023
Number of first-time businesses contacts initiated, site selector contacts initiated, and trade shows attended suitable for location in Clallam County.	12

2. BUSINESS RETENTION & EXPANSION ACTIVITIES:

Retention & Expansion — Businesses retention and expansion (BRE) is the core program of any economic development plan. These programs are designed to 1) retain or keep existing businesses in the community; and 2) aid to businesses to expand. Retention and expansion programs can be implemented at the local, regional, and state levels in a variety of ways.

BUSINESS RETENTION & EXPANSION ACTIVITIES (BRE):	Performance Measure Targets – 2023
Number of outreach interactions initiated with existing businesses such as phone calls, site visits, or surveys This includes unique businesses which request assistance that the EDC supports in Clallam County.	72

3. START-UPS

Start-ups: Small and emerging businesses generate wealth and provide significant source of employment in today's high technology global economy. They stimulate job creations, develop crucial innovations in both products and services, and diversify the economic base. It is critical that communities' economic development strategies dedicate resources to developing and promoting new business start-ups and establishing effective support systems so these new businesses can grow successfully. A community that meets the needs of its entrepreneurs increases its chances of job growth within small businesses, and those gains translate into a more vibrant community.

START-UPS	Performance Measure Targets – 2023
Support to number of start-up businesses in Clallam County.	24

4. EXPORT ASSISTANCE

Export Assistance Exporting is vital to the Washington State economy and with the global economy many businesses are now able to access foreign markets more readily. Whether a business is looking to expand into trade or increase their exports and sales overseas, there are many resources available to assist them in their efforts.

EXPORT ASSISTANCE	Performance Measure Targets – 2023
Number of activities focused on Export Assistance and training opportunities specifically geared toward Export and Foreign Trade.	6

5. TRAINING

Training. This can include small business and leadership training in addition to most other training geared toward helping businesses to grow or expand their business.

TRAINING	Performance Measure Targets – 2023
Number of training opportunities the EDC provides within Clallam County, either directly and/or leveraging resources through other organizations.	12

COMPENSATION

1. ☒a. **FIXED FEE FOR SERVICE:** For services rendered, the County shall pay to the Contractor a fixed fee of ONE HUNDRED TWENTY-THREE THOUSAND DOLLARS ($123,000) per calendar year for the completed work set forth in Attachment A. Payments for completed tasks shall be made no more frequently than ☒ monthly invoiced.

Each request for payment shall be supported by an invoice specifying the tasks completed up to the request for payment and the payment amount requested. In no event shall payment be sought in an amount which represents a percentage of the fee greater than the percentage of completed tasks.

OR

☐ **b. HOURLY RATES:** For services rendered, the County shall compensate the Contractor at the following hourly rates:

Name/Position ***Hourly Rate***

Payments for completed tasks shall be made no more frequently than ☐ monthly; ☐quarterly; ☐semi-annually;
☐ annually; ☐at completion of project; ☐ other (specify) .

Each request for payment shall be supported by an invoice specifying: the name/position of the Contractor's employee if two or more are identified above; number of hours worked; completed tasks for which compensation is sought; estimated percentage of task completion; payment amount requested; other (specify) .

In no event shall Contractor be compensated in excess of DOLLARS ($) for the completed work set forth in Attachment "A."

2. AND

☒**a.** The compensation set forth herein includes, without limitation: labor, materials, equipment, travel, telephone, computer, copiers and the like.

OR

☐ **b.** The County shall reimburse the Contractor for actual expenses incurred for travel, telephone, copiers and computer. Reimbursement for airfare, mileage, meals and/or accommodations shall be at the same rate as that applicable to county employees traveling on county business.

OR

☐ **c.** Other (specify):

GENERAL CONDITIONS

1. Scope of Contractor's Services. The Contractor agrees to provide to the County services and any materials set forth in the project narrative identified as Attachment A during the agreement period. No material, labor, or facilities will be furnished by the County, unless otherwise provided for in the Agreement.

2. Accounting and Payment for Contractor Services. Payment to the Contractor for services rendered under this Agreement shall be as set forth in Attachment B. Unless specifically stated in Attachment B, the County will not reimburse the Contractor for any costs or expenses incurred by the Contractor in the performance of this contract.

   The County shall compensate the Contractor through the County voucher system for the Contractor's service pursuant to the fee schedule set forth in Attachment B.

3. Delegation and Subcontracting. Contractor's services are deemed personal and no portion of this contract may be delegated or subcontracted to any other individual, firm or entity without the express and prior written approval of the County Project Manager.

4. Independent Contractor. The Contractor's services shall be furnished by the Contractor as an independent contractor and nothing herein contained shall be construed to create a relationship of employer/employee or master/servant.

   The Contractor acknowledges that the entire compensation for this Agreement is specified in Attachment B and the Contractor is not entitled to any county benefits including, but not limited to: vacation pay, holiday pay, sick leave pay, medical, dental or other insurance benefits, or any other rights or privileges afforded to Clallam County employees. The Contractor represents that it maintains a separate place of business, serves clients other than the County, will report all income and expense accrued under this contract with the Internal Revenue Service on a business tax schedule, and has a tax account with the State of Washington Department of Revenue for payment of all sales and use and Business and Occupation taxes collected by the State of Washington.

   In the event that either the state or federal government determines that an employer/employee or master/servant relationship exists rather than an independent contractor relationship such that Clallam County is deemed responsible for federal withholding, social security contributions, workers compensation and the like, the Contractor agrees to reimburse Clallam County for any payments made or required to be made by Clallam County. Should any payments be due to the Contractor pursuant to this Agreement, the Contractor agrees that reimbursement may be made by deducting from such future payments a pro rata share of the amount to be reimbursed.

   Notwithstanding any determination by the state or federal government that an employer/employee or master/servant relationship exists, the Contractor, its officers, employees and agents, shall not be entitled to any benefits which Clallam County provides to its employees.

5. No Guarantee of Employment. The performance of all or part of this contract by the Contractor shall not operate to vest any employment rights whatsoever and shall not be deemed to guarantee any employment of the Contractor or any employee of the Contractor or any subcontractor or any employee of any subcontractor by the County at the present time or in the future.

6. Regulations and Requirements. This Agreement shall be subject to all federal, state and local laws, rules, and regulations.

7. Right to Review. This contract is subject to review by any federal or state auditor. The County shall have the right to review and monitor the financial and service components of this program by whatever means are deemed expedient by the County Project Manager. Such review may occur with or without notice, and may include, but is not limited to, on-site inspection by County agents or employees, inspection of all records or other materials which the County deems pertinent to the Agreement and

its performance, and any and all communications with or evaluations by service recipients under this Agreement. The Contractor shall preserve and maintain all financial records and records relating to the performance of work under this Agreement for three (3) years after contract termination, and shall make them available for such review, within Clallam County, State of Washington, upon request, during reasonable business hours.

8. Modifications. Either party may request changes in the Agreement. Any and all agreed modifications shall be in writing, signed by each of the parties.

9. Termination for Default. If the Contractor defaults by failing to perform any of the obligations of the contract or becomes insolvent or is declared bankrupt or makes an assignment for the benefit of creditors, the County may, by depositing written notice to the Contractor in the U.S. Mail, postage prepaid, terminate the contract, and at the County's option, obtain performance of the work elsewhere. If the contract is terminated for default, the Contractor shall not be entitled to receive any further payments under the contract. Any extra cost or damage to the County resulting from such default(s) shall be deducted from any money due or coming due to the Contractor. The Contractor agrees to bear any extra expenses incurred by the County in completing the work, including all increased costs for completing the work, and all damage sustained, or which may be sustained by the County by reason of such default.

If a notice of termination for default has been issued and it is later determined for any reason that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to the Termination for Public Convenience paragraph hereof.

10. Termination for Public Convenience. The County may terminate the contract in whole or in part whenever the County determines, in its sole discretion that such termination is in the interests of the County. Whenever the contract is terminated in accordance with this paragraph, the Contractor shall be entitled to payment for actual work performed for completed items of work. An equitable adjustment in the contract price for partially completed items of work will be made, but such adjustment shall not include provision for loss of anticipated profit on deleted or uncompleted work. Termination of this contract by the County at any time during the term, whether for default or convenience, shall not constitute a breach of contract by the County.

11. Termination Due to Insufficient Funds. If sufficient funds for payment under this contract are not appropriated or allocated or are withdrawn, reduced, or otherwise limited, the County may terminate this contract upon five (5) days written notice to the Contractor. No penalty or expense shall accrue to the County in the event this provision applies.

12. Termination Procedure. The following provisions apply in the event that this Agreement is terminated:

(a) The Contractor shall cease to perform any services required hereunder as of the effective date of termination and shall comply with all reasonable instructions contained in the notice of termination, if any.

(b) The Contractor shall provide the County with an accounting of authorized services provided through the effective date of termination.

(c) If the Agreement has been terminated for default, the County may withhold a sum from the final payment to the Contractor that the County determines necessary to protect itself against loss or liability.

13. Defense and Indemnity Agreement. The Contractor agrees to defend, indemnify and save harmless the County, its appointed and elected officers, agents and employees, from and against all loss or expense, including but not limited to claims, demands, actions, judgments, settlements, attorneys' fees and costs by reason of any and all claims and demands upon the County, its elected or appointed officials or employees for damages because of personal or bodily injury, including death at any time

resulting therefrom, sustained by any person or persons and on account of damage to property including loss of use thereof, whether such injury to persons or damage to property is due to the negligence of the Contractor, his/her subcontractors, its successor or assigns, or its or their agent, servants, or employees, the County, its appointed or elected officers, employees or their agents, except only such injury or damage as shall have been occasioned by the sole negligence of the County, its appointed or elected officials or employees. It is further provided that no liability shall attach to the County by reason of entering into this contract, except as expressly provided herein.

14. Industrial Insurance Waiver. With respect to the performance of this Agreement and as to claims against the County, its appointed and elected officers, agents and employees, the Contractor expressly waives its immunity under Title 51 of the Revised Code of Washington, the Industrial Insurance Act, as now or hereafter amended, for injuries to its employees and agrees that the obligations to indemnify, defend and hold harmless provided in this Agreement extend to any claim brought by or on behalf of any employee of the Contractor. Along with the other provisions of this Agreement, this waiver is mutually negotiated by the parties to this Agreement.

15. Venue and Choice of Law. In the event that any litigation should arise concerning the construction or interpretation of any of the terms of this Agreement, the venue of such action shall be in the courts of the State of Washington in and for the County of Clallam. This Agreement shall be governed by the law of the State of Washington.

16. Withholding Payment. In the event the County Project Manager determines that the Contractor has failed to perform any obligation under this Agreement within the times set forth in this Agreement, then the County may withhold from amounts otherwise due and payable to Contractor the amount determined by the County as necessary to cure the default, until the County Project Manager determines that such failure to perform has been cured. Withholding under this clause shall not be deemed a breach entitling Contractor to termination or damages, provided that the County promptly gives notice in writing to the Contractor of the nature of the default or failure to perform, and in no case more than ten (10) days after it determines to withhold amounts otherwise due. A determination of the County Project Manager set forth in a notice to the Contractor of the action required and/or the amount required to cure any alleged failure to perform shall be deemed conclusive, except to the extent that the Contractor acts within the times and in strict accord with the provision of the Disputes clause of this Agreement. The County may act in accordance with any determination of the County Project Manager which has become conclusive under this clause, without prejudice to any other remedy under the Agreement, to take all or any of the following actions: (1) cure any failure or default, (2) to pay any amount so required to be paid and to charge the same to the account of the Contractor, (3) to set off any amount paid or incurred from amounts due or to become due the Contractor. In the event the Contractor obtains relief upon a claim under the Disputes clause, no penalty or damages shall accrue to the Contractor by reason of good faith withholding by the County under this clause.

17. Rights and Remedies. The duties and obligations imposed by this Agreement and the rights and remedies available hereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available bylaw.

18. Contractor Commitments, Warranties and Representations. Any written commitment received from the Contractor concerning this Agreement shall be binding upon the Contractor, unless otherwise specifically provided herein with reference to this paragraph. Failure of the Contractor to fulfill such a commitment shall render the Contractor liable for damages to the County. A commitment includes, but is not limited to any representation made prior to execution of this Agreement, whether or not incorporated elsewhere herein by reference, as to performance of services or equipment, prices or options for future acquisition to remain in effect for a fixed period, or warranties.

19. Patent/Copyright Infringement. Contractor will defend, indemnify and save harmless County, its appointed and elected officers, agents and employees from and against all loss or expense, including but not limited to claims, demands, actions, judgments, settlements, attorneys' fees and costs by reason of any and all claims and demands upon the County, its elected or appointed officials or

employees for damages because of the Contractor's alleged infringement on any patent or copyright. The Contractor will pay those costs and damages attributable to any such claims that are finally awarded against the County, its appointed and elected officers, agents and employees in any action. Such defense and payments are conditioned upon the following:

(a) That Contractor shall be notified promptly in writing by County of any notice of such claim.

(b) Contractor shall have the right, hereunder, at its option and expense, to obtain for the County the right to continue using the information, in the event such claim of infringement, is made, provided no reduction in performance or loss results to the County.

20. Disputes:

(a) General. Differences between the Contractor and the County, arising under and by virtue of the contract documents shall be brought to the attention of the County at the earliest possible time in order that such matters may be settled or other appropriate action promptly taken. The records, orders, rulings, instructions, and decision of the County Project Manager shall be final and conclusive thirty (30) days from the date of mailing unless the Contractor mails or otherwise furnishes to the County Administrator a written notice of appeal. The notice of appeal shall include facts, law, and argument as to why the conclusions of the County Project Manager are in error.

In connection with any appeal under this clause, the Contractor and County shall have the opportunity to submit written materials and argument and to offer documentary evidence in support of the appeal. Oral argument and live testimony will not be permitted. The decision of the County Administrator for the determination of such appeals shall be final and conclusive. Reviews of the appellate determination shall be brought in the Superior Court of Clallam County within fifteen (15) days of mailing of the written appellate determination. Pending final decision of the dispute, the Contractor shall proceed diligently with the performance of this Agreement and in accordance with the decision rendered.

(b) Notice of Potential Claims. The Contractor shall not be entitled to additional compensation or to extension of time for (1) any act or failure to act by the County Project Manager or the County, or (2) the happening of any event or occurrence, unless the Contractor has given the County a written Notice of Potential Claim within ten (10) days of the commencement of the act, failure, or event giving rise to the claim, and before final payment by the County. The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation or extension of time is due, the nature of the cost involved, and insofar as possible, the amount of the potential claim. Contractor shall keep full and complete daily records of the work performed, labor and material used, and all costs and additional time claimed to be additional.

(c) Detailed Claim. The Contractor shall not be entitled to claim any such additional compensation, or extension of time, unless within thirty (30) days of the accomplishment of the portion of the work from which the claim arose, and before final payment by the County, the Contractor has given the County a detailed written statement of each element of cost or other compensation requested and of all elements of additional time required, and copies of any supporting documents evidencing the amount or the extension of time claimed to be due.

21. Ownership of Items Produced. All writings, programs, data, art work, music, maps, charts, tables, illustrations, records or other written, graphic, analog or digital materials prepared by the Contractor and/or its consultants or subcontractors, in connection with the performance of this Agreement shall be the sole and absolute property of the County and constitute "work made for hire" as that phrase is used in federal and/or state intellectual property laws and Contractor and/or its agents shall have no ownership or use rights in the work.

22. Recovery of Payments to Contractor. The right of the Contractor to retain monies paid to it is contingent upon satisfactory performance of this Agreement, including the satisfactory completion of the project described in the Scope of Work (Attachment A). In the event that the Contractor fails, for any reason, to perform obligations required of it by this Agreement, the Contractor may, at the County Project Manager's sole discretion, be required to repay to the County all monies disbursed to the Contractor for those parts of the project that are rendered worthless in the opinion of the County Project Manager by such failure to perform.

    Interest shall accrue at the rate of 12 percent (12%) per annum from the time the County Project Manager demands repayment of funds.

23. Project Approval. The extent and character of all work and services to be performed under this Agreement by the Contractor shall be subject to the review and approval of the County Project Manager. For purposes of this Agreement, the County Project Manager is:

    Name: Debi Cook

    Title: Financial Systems Administrator/Budget Director

    Address: 223 East 4th Street, Suite 4, Port Angeles, WA 98362

    Telephone: 360.417.2382

    E-mail: dcook@co.clallam.wa.us

    Fax: 360.417.2493

    In the event there is a dispute with regard to the extent and character of the work to be done, the determination of the County Project Manager as to the extent and character of the work to be done shall govern subject to the Contractor's right to appeal that decision as provided herein.

24. Non-Discrimination. The Contractor shall not discriminate against any person on the basis of race, creed, political ideology, color, national origin, sex, marital status, sexual orientation, age, or the presence of any sensory, mental or physical handicap.

25. Subcontractors. In the event that the Contractor employs the use of any subcontractors, the contract between the Contractor and the subcontractor shall provide that the subcontractor is bound by the terms of this Agreement between the County and the Contractor. The Contractor shall insure that in all subcontracts entered into, Clallam County is named as an express third-party beneficiary of such contracts with full rights as such.

26. Third Party Beneficiaries. This agreement is intended for the benefit of the County and Contractor and not for the benefit of any third parties.

27. Standard of Care. The Contractor shall perform its duties hereunder in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession as Contractor currently practicing under similar circumstances. The Contractor shall, without additional compensation, correct those services not meeting such a standard.

28. Time is of the Essence. Time is of the essence in the performance of this contract unless a more specific time period is set forth in either the Special Terms and Conditions or Scope of Work.

29. Notice. Except as set forth elsewhere in the Agreement, for all purposes under this Agreement, except service of process, any notices shall be given by the Contractor to the County Project Manager. Notice to the Contractor for all purposes under this Agreement shall be given to the person executing the Agreement on behalf of the Contractor at the address identified on the signature page.

30. Severability. If any term or condition of this contract or the application thereof to any person(s) or circumstances is held invalid, such invalidity shall not affect other terms, conditions or applications which can be given effect without the invalid term, condition or application. To this end, the terms and conditions of this contract are declared severable.

31. Precedence. In the event of inconsistency in this Agreement, unless otherwise provided herein, the inconsistency shall be resolved by giving precedence in the following order:

(a) Applicable federal, state and local statutes, ordinances and regulations;

(b) Scope of Work (Attachment A) and Compensation (Attachment B);

(c) Special Terms and Conditions (Attachment D); and

(d) General Conditions (Attachment C).

32. Waiver. Waiver of any breach or condition of this contract shall not be deemed a waiver of any prior or subsequent breach. No term or condition of this contract shall be held to be waived, modified or deleted except by an instrument, in writing, signed by the parties hereto.

33. Attorney Fees. In the event that litigation must be brought to enforce the terms of this agreement, the prevailing party shall be entitled to be paid reasonable attorney fees.

34. Construction. This agreement has been mutually reviewed and negotiated by the parties and should be given a fair and reasonable interpretation and should not be construed less favorably against either party.

35. Survival. Without being exclusive, Paragraphs 4, 7, 13-19, 21-22 and 31-35 of these General Conditions shall survive any termination, expiration or determination of invalidity of this Agreement in whole or in part. Any other Paragraphs of this Agreement which, by their sense and context, are intended to survive shall also survive.

36. Entire Agreement. This written contract represents the entire Agreement between the parties and supersedes any prior statements, discussions or understandings between the parties except as provided herein.

SPECIAL TERMS AND CONDITIONS

☒ 1. Reporting. The Contractor shall submit written progress reports to the County Project Manager as set forth below:

☐ With each request for payment.

☐ Monthly.

☒ Quarterly.

☐ Semi-annually.

☐ Annually.

☐ Project completion.

☐ Other (specify):

Progress reports shall include, at a minimum, the following:

Reports shall include any problems, delays or adverse conditions which will materially affect the Contractor's ability to meet project objectives or time schedules together with a statement of action taken or proposed to resolve the situation. Reports shall also include recommendations for changes to the Scope of Work, if any. Payments may be withheld if reports are not submitted.

☒ 2. Insurance. The Contractor shall maintain in full force and effect during the term of this Agreement, and until final acceptance of the work, public liability and property damage insurance with companies or through sources approved by the state insurance commissioner pursuant to RCW Title 48, as now or hereafter amended. The County, its appointed and elected officials, agents and employees, shall be specifically named as additional insureds in a policy with the same company which insures the Contractor or by endorsement to an existing policy or with a separate carrier approved pursuant to RCW Title 48, as now or hereafter amended, and the following coverages shall be provided:

☒	COMPREHENSIVE GENERAL LIABILITY:		
	Bodily injury, including death.	$1,000,000	per occurrence
	Property damage	$1,000,000	per occurrence
☐	ERRORS AND OMISSIONS or PROFESSIONAL LIABILITY with an Extended Reporting Period Endorsement (two year tail).	$	per occurrence
☐	WORKERS COMPENSATION:	Statutory amount	
☐	AUTOMOBILE: coverage on owned, non-owned, rented and hired vehicles		
	Bodily injury, liability, including death	$	per occurrence
	Property damage liability	$	per occurrence

If the Errors and Omissions or Professional Liability insurance obtained is an occurrence policy as opposed to a claims-made policy, the Extended Reporting Period Endorsement is not required.

Any such insurance carried by the Contractor shall be primary over any insurance carried by Clallam County and the Contractor shall ensure that such insurances is primary. The County shall have no obligation to report occurrences unless a claim or lawsuit is filed with it and the County has no obligation to pay any insurance premiums.

Evidence of primary insurance coverage shall be submitted to the County Project Manager within twenty (20) days of the execution of the Agreement. The Agreement shall be void ab initio if the proof of coverage is not timely supplied.

The coverage limits identified herein shall not limit the potential liability of the Contractor and the Contractor's duty to defend, indemnify and hold harmless shall apply to any liability beyond the scope of insurance coverage.

☐ 3. Liquidated Damages. For delays in timely completion of the work to be done or missed milestones of the work in progress, the Contractor shall be assessed Dollars ($) per day as liquidated damages and not as a penalty because the County finds it impractical to calculate the actual cost of delays. Liquidated damages will not be assessed for any days for which an extension of time has been granted. No deduction or payment of liquidated damages will, in any degree, release the Contractor from further obligations and liabilities to complete the entire project.

☐ 4. Other (specify):.

3A

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

MAR 14 2023

Department: INFORMATION TECHNOLOGY

WORK SESSION ☒ **Meeting Date: MARCH 6, 2023**

REGULAR AGENDA ☒ **Meeting Date: MARCH 14, 2023**

Required originals approved and attached? ☐
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other

Documents exempt from public disclosure attached: ☐

Executive summary: Purchase Order exceeds County Administrator's signing authority. Request counter-signature by BOCC Chair Mark Ozias.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

Purchase order covers 2023 project previously approved, and budget funded by BOCC.

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)

County Official signature & print name: MARK DOTEN:

Name of Employee/Stakeholder attending meeting: MARK DOTEN

Relevant Departments: INFORMATION TECHNOLOGY

Date submitted: FEBRUARY 28, 2023

CLALLAM COUNTY
Information Technology Department
223 East Fourth Street, Suite13 Port Angeles, WA 98362-3015 360.417.2346
Mark Doten

02/02/2023

CDW-G (0000289)

120 South Riverside
Chicago, IL 60606
Attn: Danny Higgins dannhig@cdwg.com
Phn: 877.625.7671
Fax: 312.705.3457

P.O.#..... **IT20230202a**
Budget#... 30701.411.59418.64.3210
SRF#..... N/A
Dept..... Information Technology (IT)
For..... Network Switch replacement for Courthouse & Juvi

Cisco equipment - network switch replacements for Courthouse and Juvenile Services buildings. Per Quote Number NFHM477, dated 1/26/23

Dear Danny:

Please place on-order for Clallam County the following:

Mfg Part#	Description	Price	Qty	Extension
C9300-48UXM-E	Cisco Catalyst 9300 - Network Essentials - switch - 48 ports - managed - ra	6,415.62	11	70,571.82
CON-SNT-C93E048X	Cisco SMARTnet - extended service agreement. 1 year	2,676.44	11	29,440.84
C9300-DNA-E-48-3Y	Cisco Digital Network Architecture Essentials - Term License (3 years) - 48	533.24	11	5,865.64
C9300-48U-E	Cisco Catalyst 9300 Network Essentials Managed Switch - 48 ports - Rack	5,309.79	1	5,309.79
CON-SNT-C93004UE	Cisco SMARTnet extended service agreement	815.22	1	815.22
C9300-DNA-E-48-3Y	Cisco Digital Network Architecture Essentials - Term License (3 years) - 48	533.24	1	533.24
C9300-24U-E	Cisco Catalyst 9300 - Network Essentials - switch - 24 ports - managed - ra	3,074.68	3	9,224.04
CON-SNT-C93002UE	Cisco SMARTnet extended service agreement	1,316.47	3	3,949.41
C9300-DNA-E-24-3Y	Cisco Digital Network Architecture Essentials - Term License 3 years) - 24	290.43	3	871.29
C9300-NM-2Y=	Cisco - expansion module - 25 Gigabit Ethernet x 2	1,268.56	16	20,296.96
PWR-C1-1100WAC-P=	Cisco - power supply - hot-plug - 1100 Watt	904.61	3	2,713.83
STACK-IT-50CM=	Cisco StackWise 480 - stacking cable - 1.6 ft	49.99	18	899.82
STACK-T1-1M=	Cisco StackWise 480 - stacking cable - 3.3 ft	120.92	4	483.68
CAB-SPWR-30CM=	Cisco StackPower - power cable - 1 ft	52.61	18	946.98
CAB-SPWR-150CM=	Cisco StackPower - power cable - 5 ft	107.70	4	430.80
C1000-16FP-2G-L	Cisco Catalyst 1000-16FP-2G-L - switch - 16 ports - managed - rack-mountabl	1,034.45	1	1,034.45
CIN-SNT-C10016LG	Cisco Smart Net Total Care - extended service agreement	158.70	1	158.70
N/A	Per Quote Number NFHM477, dated 1/26/23	0.00	1	0.00

Subtotal: 153,546.51
8.8% Tax: 13,512.09
Shipping: 0.00

Total: 167,058.60

Please apply any additional bid discounts and confirm the availability. **Please bill and ship to the Information Technology Department. Do not ship partial. Please ship complete unless otherwise notified.**

Thank you.

Sincerely,

Mark Doten
Information Technology Director

Mark Ozias
Clallam County Commissioner

Xc: Greg Helwick

PEOPLE WHO GET IT

Thank you for choosing CDW. We have received your quote.

Hardware Software Services IT Solutions Brands Research Hub

Review and Complete Purchase

For Court House & Jail

TESS TEEL,

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

Convert Quote to Order

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NFHM477	1/26/2023	CISCO REVISED	3723164	$167,058.60

IMPORTANT - PLEASE READ

Special Instructions: TAX:MULTIPLE TAX JURISDICTIONS APPLY
TAX: CONTACT CDW FOR TAX DETAILS

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
Cisco Catalyst 9300 - Network Essentials - switch - 48 ports - managed - ra Mfg. Part#: C9300-48UXM-E UNSPSC: 43222612 TAX: PORT ANGELES, WA TAX: 8.8000% $6,210.32 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	11	4855640	$6,415.62	$70,571.82
Cisco SMARTnet - extended service agreement Mfg. Part#: CON-SNT-C93E048X UNSPSC: 81111811 Electronic distribution - NO MEDIA TAX: PORT ANGELES, WA TAX: 8.8000% $2,590.79 Contract: Washington Cisco NASPO ValuePoint AR3227 (AR3227 05819)	11	5686279	$2,676.44	$29,440.84
Cisco Digital Network Architecture Essentials - Term License (3 years) - 48 Mfg. Part#: C9300-DNA-E-48-3Y UNSPSC: 43233204 Electronic distribution - NO MEDIA TAX: PORT ANGELES, WA TAX: 8.8000% $516.18 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	11	4728329	$533.24	$5,865.64
Cisco Catalyst 9300 Network Essentials Managed Switch - 48 ports - Rack Mfg. Part#: C9300-48U-E UNSPSC: 43222612 TAX: PORT ANGELES, WA TAX: 8.8000% $467.26 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	1	4728322	$5,309.79	$5,309.79

QUOTE DETAILS (CONT.)				
Cisco SMARTnet extended service agreement Mfg. Part#: CON-SNT-C93004UE UNSPSC: 81111811 Electronic distribution - NO MEDIA $71.74 $71.74 $71.74 TAX: PORT ANGELES, WA 8.8000% $71.74 Contract: Washington Cisco NASPO ValuePoint AR3227 (AR3227 05819)	1	5686294	$815.22	$815.22
Cisco Digital Network Architecture Essentials - Term License (3 years) - 48 Mfg. Part#: C9300-DNA-E-48-3Y UNSPSC: 43233204 Electronic distribution - NO MEDIA $46.93 $46.93 $46.93 TAX: PORT ANGELES, WA 8.8000% $46.93 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	1	4728329	$533.24	$533.24
Cisco Catalyst 9300 - Network Essentials - switch - 24 ports - managed - ra Mfg. Part#: C9300-24U-E UNSPSC: 43222612 TAX: PORT ANGELES, WA TAX: 8.8000% $811.72 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	3	4729160	$3,074.68	$9,224.04
Cisco SMARTnet extended service agreement Mfg. Part#: CON-SNT-C93002UE UNSPSC: 81111811 Electronic distribution - NO MEDIA TAX: PORT ANGELES, WA TAX: 8.8000% $347.55 Contract: Washington Cisco NASPO ValuePoint AR3227 (AR3227 05819)	3	5686287	$1,316.47	$3,949.41
Cisco Digital Network Architecture Essentials - Term License (3 years) - 24 Mfg. Part#: C9300-DNA-E-24-3Y UNSPSC: 43233204 Electronic distribution - NO MEDIA $76.67 $76.67 $76.67 TAX: PORT ANGELES, WA 8.8000% $76.67 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	3	4756239	$290.43	$871.29
Cisco - expansion module - 25 Gigabit Ethernet x 2 Mfg. Part#: C9300-NM-2Y= UNSPSC: 43201404 TAX: PORT ANGELES, WA TAX: 8.8000% $1,786.13 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	16	5280113	$1,268.56	$20,296.96
Cisco - power supply - hot-plug - 1100 Watt Mfg. Part#: PWR-C1-1100WAC-P= UNSPSC: 39121004 TAX: PORT ANGELES, WA TAX: 8.8000% $238.82 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)	3	5515667	$904.61	$2,713.83
Cisco StackWise 480 - stacking cable - 1.6 ft Mfg. Part#: STACK-T1-50CM=	18	2987613	$49.99	$899.82

QUOTE DETAILS (CONT.)

UNSPSC: 26121609

$79.18
$79.18
$79.18
TAX: PORT ANGELES, WA 8.8000% $79.18
Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)

Cisco StackWise 480 - stacking cable - 3.3 ft	4	2944936	$120.92	$483.68

Mfg. Part#: STACK-T1-1M=

UNSPSC: 26121604

$42.56
$42.56
$42.56
TAX: PORT ANGELES, WA 8.8000% $42.56
Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)

Cisco StackPower - power cable - 1 ft	18	2089728	$52.61	$946.98

Mfg. Part#: CAB-SPWR-30CM=

UNSPSC: 26121636

$83.33
$83.33
$83.33
TAX: PORT ANGELES, WA 8.8000% $83.33
Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)

Cisco StackPower - power cable - 5 ft	4	2086489	$107.70	$430.80

Mfg. Part#: CAB-SPWR-150CM=

UNSPSC: 26121636

$37.91
$37.91
$37.91
TAX: PORT ANGELES, WA 8.8000% $37.91
Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)

Cisco Catalyst 1000-16FP-2G-L - switch - 16 ports - managed - rack-mountabl	1	5892520	$1,034.45	$1,034.45

Mfg. Part#: C1000-16FP-2G-L

$91.03
$91.03
$91.03
TAX: PORT ANGELES, WA 8.8000% $91.03
Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)

Cisco Smart Net Total Care - extended service agreement	1	5957744	$158.70	$158.70

Mfg. Part#: CON-SNT-C10016LG

Electronic distribution - NO MEDIA
$13.97
$13.97
$13.97
TAX: PORT ANGELES, WA 8.8000% $13.97
Contract: Washington Cisco NASPO ValuePoint AR3227 (AR3227 05819)

SUBTOTAL	$153,546.51
SHIPPING	$0.00
SALES TAX	$13,512.09
GRAND TOTAL	**$167,058.60**

PURCHASER BILLING INFO

Billing Address:
CLALLAM COUNTY
ACCTS PAYABLE
223 E 4TH ST STE 13
PORT ANGELES, WA 98362-3000
Phone: (360) 417-2000
Payment Terms: Net 30 Days-Govt State/Local

DELIVER TO

Shipping Address:
CLALLAM COUNTY
TESS TEEL
223 E 4TH ST STE 13
PORT ANGELES, WA 98362-3000
Phone: (360) 417-2000
Shipping Method: UPS Ground

Please remit payments to:

CDW Government
75 Remittance Drive
Suite 1515
Chicago, IL 60675-1515

Sales Contact Info

Tyler Leedy | (877) 885-4399 | tyler.leedy@cdwg.com

LEASE OPTIONS			
FMV TOTAL	**FMV LEASE OPTION**	**BO TOTAL**	**BO LEASE OPTION**
$153,546.51	**$4,075.12/Month**	**$153,546.51**	**$4,718.48/Month**

Monthly payment based on 36 month lease. Other terms and options are available. Contact your Account Manager for details. Payment quoted is subject to change.

Why finance?

• Lower Upfront Costs. Get the products you need without impacting cash flow. Preserve your working capital and existing credit line.

• Flexible Payment Terms. 100% financing with no money down, payment deferrals and payment schedules that match your company's business cycles.

• Predictable, Low Monthly Payments. Pay over time. Lease payments are fixed and can be tailored to your budget levels or revenue streams.

• Technology Refresh. Keep current technology with minimal financial impact or risk. Add-on or upgrade during the lease term and choose to return or purchase the equipment at end of lease.

• Bundle Costs. You can combine hardware, software, and services into a single transaction and pay for your software licenses over time! We know your challenges and understand the need for flexibility.

General Terms and Conditions:

This quote is not legally binding and is for discussion purposes only. The rates are estimate only and are based on a collection of industry data from numerous sources. All rates and financial quotes are subject to final review, approval, and documentation by our leasing partners. Payments above exclude all applicable taxes. Financing is subject to credit approval and review of final equipment and services configuration. Fair Market Value leases are structured with the assumption that the equipment has a residual value at the end of the lease term.

Need Help?

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About Us | Privacy Policy | Terms and Conditions

This order is subject to CDW's Terms and Conditions of Sales and Service Projects at
http://www.cdwg.com/content/terms-conditions/product-sales.aspx
For more information, contact a CDW account manager

© 2023 CDW•G LLC, 200 N. Milwaukee Avenue, Vernon Hills, IL 60061 | 800.808.4239

ORDER CONFIRMATION

TESS TEEL,

Thank you for choosing CDW•G. We have received your order. Please take a moment to review it for accuracy and completeness.

View Order Online

ORDER #	ORDER DATE	PO #	CUSTOMER #
NFPB248	2/2/2023	IT20230202A_RFQ2023-019	3723164

IMPORTANT - PLEASE READ

Special Instructions: APPLY
TAX:MULTIPLE TAX JURISDICTIONS APPLY
TAX: CONTACT CDW FOR TAX DETAILS

ORDER DETAILS

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Cisco - power supply - hot-plug - 1100 Watt Mfg. Part#: PWR-C1-1100WAC-P= UNSPSC: 39121004	3	5515667	$904.61	$2,713.83

ORDER DETAILS (CONT.)

TAX: PORT ANGELES, WA
TAX: 8.8000% $238.82
Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)

Cisco StackWise 480 - stacking cable - 1.6 ft	18	2987613	$49.99	$899.82
Mfg. Part#: STACK-T1-50CM= UNSPSC: 26121609 $79.18 $79.18 $79.18 $79.18 $79.18 TAX: PORT ANGELES, WA 8.8000% $79.18 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)				
Cisco StackWise 480 - stacking cable - 3.3 ft	4	2944936	$120.92	$483.68
Mfg. Part#: STACK-T1-1M= UNSPSC: 26121604 $42.56 $42.56 $42.56 $42.56 $42.56 TAX: PORT ANGELES, WA 8.8000% $42.56 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)				
Cisco StackPower - power cable - 1 ft	18	2089728	$52.61	$946.98
Mfg. Part#: CAB-SPWR-30CM= UNSPSC: 26121636 $83.33 $83.33 $83.33 $83.33 $83.33 TAX: PORT ANGELES, WA 8.8000% $83.33 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)				
Cisco StackPower - power cable - 5 ft	4	2086489	$107.70	$430.80
Mfg. Part#: CAB-SPWR-150CM= UNSPSC: 26121636 $37.91 $37.91 $37.91 $37.91 $37.91 TAX: PORT ANGELES, WA 8.8000% $37.91 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)				
Cisco Catalyst 1000-16FP-2G-L - switch - 16 ports - managed - rack-mountabl	1	5892520	$1,034.45	$1,034.45
Mfg. Part#: C1000-16FP-2G-L $91.03 $91.03 $91.03 $91.03 $91.03 TAX: PORT ANGELES, WA 8.8000% $91.03 Contract: KCDA Catalog Agreement- Contract# 022-G (022-G)				
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Mfg. Part#: CON-SNT-C10016LG Electronic distribution - NO MEDIA $13.97 $13.97 $13.97 $13.97				

ORDER DETAILS (CONT.)

$13.97
TAX: PORT ANGELES, WA 8.8000% $13.97
Contract: Washington Cisco NASPO ValuePoint AR3227 (AR3227 05819)

SUBTOTAL	$153,546.51
SHIPPING	$0.00
SALES TAX	$13,512.09
GRAND TOTAL	**$167,058.60**

PURCHASER BILLING INFO	DELIVER TO
Billing Address: CLALLAM COUNTY ACCTS PAYABLE 223 E 4TH ST STE 13 PORT ANGELES, WA 98362-3000 **Phone:** (360) 417-2000 **Payment Terms:** Net 30 Days-Govt State/Local	**Shipping Address:** CLALLAM COUNTY TESS TEEL 223 E 4TH ST STE 13 PORT ANGELES, WA 98362-3000 **Phone:** (360) 417-2000 **Shipping Method:** UPS Ground
	Please remit payments to: CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515

Sales Contact Info

Tyler Leedy | (877) 885-4399 | tyler.leedy@cdwg.com

LEASE OPTIONS		
FMV TOTAL	**FMV LEASE OPTION**	**BO LEASE OPTION**
$153,546.51	**$4,075.12/Month**	**$4,718.48/Month**

Monthly payment based on 36 month lease. Other terms and options are available. Contact your Account Manager for details. Payment quoted is subject to change.

Why finance?

- Lower Upfront Costs. Get the products you need without impacting cash flow. Preserve your working capital and existing credit line.
- Flexible Payment Terms. 100% financing with no money down, payment deferrals and payment schedules that match your company's business cycles.
- Predictable, Low Monthly Payments. Pay over time. Lease payments are fixed and can be tailored to your budget levels or revenue streams.
- Technology Refresh. Keep current technology with minimal financial impact or risk. Add-on or upgrade during the lease term and choose to return or purchase the equipment at end of lease.
- Bundle Costs. You can combine hardware, software, and services into a single transaction and pay for your software licenses over time! We know your challenges and understand the need for flexibility.

General Terms and Conditions:

This quote is not legally binding and is for discussion purposes only. The rates are estimate only and are based on a collection of industry data from numerous sources. All rates and financial quotes are subject to final review, approval, and documentation by our leasing partners. Payments above exclude all applicable taxes. Financing is subject to credit approval and review of final equipment and services configuration. Fair Market Value leases are structured with the assumption that the equipment has a residual value at the end of the lease term.

30

MAR 14 2023

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC

WORK SESSION ☒ **Meeting Date: 3-6-23**

REGULAR AGENDA ☒ **Meeting Date: 3-14-23**

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☒ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
A vacancy exists on the Park and Recreation Advisory Board due to a resignation.

A press release was issued during the month of January 2023 soliciting applications from interested citizens. Four applications were received.

The Director of Parks, Fair, and Facilities endorses the appointment of Anna K. Plager to the Park and Recreation Advisory Board.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
None

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Approve and sign resolution appointing.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners and Parks, Fair and Facilities Department

Relevant Departments: Board of Commissioners and Parks, Fair and Facilities Department

Date submitted: 2-22-23

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

RESOLUTION _____, 2023

APPOINTING A MEMBER TO THE
PARK AND RECREATION ADVISORY BOARD

THE BOARD OF CLALLAM COUNTY COMMISSIONERS finds as follows:

1. A vacancy exists on the Park and Recreation Advisory Board due to a resignation.

2. A press release was issued during the month of January 2023 soliciting applications from interested citizens. Four applications were received.

3. The Director of Parks, Fair, and Facilities endorses the appointment of Anna K. Plager to the Park and Recreation Advisory Board.

NOW, THEREFORE, BE IT RESOLVED by the Board of Clallam County Commissioners, in consideration of the above findings of fact:

1. **Anna K. Plager** is appointed to the Park and Recreation Advisory Board to complete the term expiring June 30, 2023 and an additional six-year term ending June 30, 2026.

PASSED AND ADOPTED this 14th day of March 2023

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias, Chair

_____
Randy Johnson

_____
Mike French

ATTEST:

_____
Loni Gores, CMC, Clerk of the Board

c: A22.170
Appointee
Parks

DRAFT

3C

MAR 14 2023

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC

WORK SESSION ☒ **Meeting Date: 3-6-23**

REGULAR AGENDA ☒ **Meeting Date: 3-14-23**

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☒ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☐ Other

Executive summary:

A vacancy exists on the Homelessness Task Force due to a resignation.

The City of Port Angeles made a recommendation to appoint Amy Miller to the Homelessness Task Force.

The Health and Human Services Department Deputy Director endorses the appointment of Amy Miller to the Homelessness Task Force.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
None

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Approve and sign resolution appointing.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners, Health & Human Services Department

Relevant Departments: Board of Commissioners, Health & Human Services Department

Date submitted: 2-28-23

---

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

RESOLUTION _____, 2023

APPOINTING A MEMBER TO THE HOMELESSNESS TASK FORCE

THE BOARD OF CLALLAM COUNTY COMMISSIONERS finds as follows:

1. A vacancy exists on the Homelessness Task Force due to a resignation.

2. The City of Port Angeles made a recommendation to appoint Amy Miller to the Homelessness Task Force.

3. The Health and Human Services Department Deputy Director endorses the appointment of Amy Miller to the Homelessness Task Force.

NOW, THEREFORE, BE IT RESOLVED by the Board of Clallam County Commissioners, in consideration of the above findings of fact:

1. **Amy Miller** is appointed to serve as the City government – Port Angeles representative to complete the term expiring December 31, 2024.

PASSED AND ADOPTED this 14th day of March, 2023

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias, Chair

_____
Randy Johnson

ATTEST:

_____
Loni Gores, CMC, Clerk of the Board

_____
Mike French

DRAFT

3d

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda) MAR 14 2023

Department: BOCC

WORK SESSION ☒ **Meeting Date: 3/6/23**

REGULAR AGENDA ☒ **Meeting Date: 3/14/23**

Item summary:

☐ Call for Hearing ☐ Contract/Agreement/MOU - Contract #

☒ Resolution ☐ Proclamation ☐ Budget Item

☐ Draft Ordinance ☐ Final Ordinance ☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
A vacancy exists on the Peninsula Housing Authority Board of Commissioners due to an expired term.

A press release was issued January 2023 soliciting applications from interested citizens. No applications were received.

The current member with the expiring term notified staff that he would like to be considered for another term.

Peninsula Housing Authority endorses the reappointment of Timothy Fellin to the Peninsula Housing Authority Board of Commissioners.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
None

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Approve and sign a resolution to reappoint.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners

Relevant Departments: Board of Commissioners

Date submitted: 2-28-23

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

RESOLUTION _____, 2023

REAPPOINTING A MEMBER TO THE
PENINSULA HOUSING AUTHORITY BOARD OF COMMISSIONERS

THE BOARD OF CLALLAM COUNTY COMMISSIONERS finds as follows:

1. A vacancy exists on the Peninsula Housing Authority Board of Commissioners due to an expired term.

2. A press release was issued January 2023 soliciting applications from interested citizens. No applications were received.

3. The current member with the expiring term notified staff that he would like to be considered for another term.

4. Peninsula Housing Authority endorses the reappointment of Timothy Fellin to the Peninsula Housing Authority Board of Commissioners.

NOW, THEREFORE, BE IT RESOLVED by the Board of Clallam County Commissioners, in consideration of the above findings of fact:

1. **Timothy Fellin** is reappointed to the Peninsula Housing Authority Board of Commissioners for a term expiring March 10, 2028.

PASSED AND ADOPTED this 14th day of March 2023

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias, Chair

_____
Randy Johnson

_____
Mike French

ATTEST:

_____
Loni Gores, CMC, Clerk of the Board

c: Appointee
Housing Authority
A22.162

DRAFT

4a

MAR 14 2023

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: DCD

WORK SESSION ☒ **Meeting Date: 03/06/2023**

REGULAR AGENDA ☐ **Meeting Date: 03/14/2023**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract # 334.17.006-7
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other Invitation to bid

Documents exempt from public disclosure attached: ☐

Executive summary:

McDonald Creek Fish Passage and Irrigation Improvement Project will begin construction in the summer of 2023. Attached is the Invitation to Bid for the project.

The McDonald Creek Fish Passage project will rectify a long –known fish passage barrier and improves habitat conditions, sediment, and wood transport. The project will improve fish passage and enhance conditions for fish and wildlife while maintaining and improving Agnew Irrigation District's ability to divert water for irrigation according to their senior water right. This will be achieved by removing the Denil fishway, installing a new fish ladder and rock weirs below the dam, and modifying the dam. The existing diversion canal will be replaced by a buried pipeline with a new head gate and debris rack and the existing fish screen will be relocated.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Please issue the invitation to bid.

County Official signature & print name: _Bruce Emery_

Name of Employee/Stakeholder attending meeting: ___Rebecca Mahan_____

Relevant Departments: _____DCD_____

Date submitted: 03/01/2023

March 2023
McDonald Creek Irrigation and Fish Passage Improvement Project

ANCHOR QEA

Project Manual

Prepared for Clallam County Department of Community Development
223 East 4th Street, Suite 5
Port Angeles, Washington 98362

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CERTIFICATION PAGE

Clallam County Department of Community Development
McDonald Creek Irrigation and Fish Passage Improvement Project

The engineering material and data contained in these Contract Documents were prepared under the supervision and direction of the undersigned, whose seal as a registered professional engineer is affixed below:

David W. Rice, P.E.
Project Engineer

Contract Documents are hereby authorized for issue.

Date of Issue: March 1, 2023

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PART A:

BIDDING DOCUMENTS

NOTICE OF INVITATION FOR BIDS

SEALED BIDS will be received by the Board of Clallam County Commissioners at 223 East Fourth Street, Room 150, Port Angeles, Washington until 10:00 a.m., Tuesday , April 4, 2023, at which time they will be publicly opened and read aloud for the **McDonald Creek Irrigation and Fish Passage Improvement Project.**

The work includes the improvement of irrigation infrastructure along McDonald Creek upstream (south) of the Highway 101 crossing and restoration of approximately 190 feet of the McDonald Creek stream channel to improve fish passage and habitat conditions and ensure reliability of water supply for irrigation. The project will improve water supply to a portion of the Agnew Irrigation District delivery system that is currently served through a diversion on McDonald Creek approximately 450 feet upstream of Highway 101.

Complete drawings and specifications may be obtained from the office of the Clallam County Community Development Department, Courthouse, 223 E. 4th St., Ste. 5, Port Angeles, WA 98362, (360) 417-2318. Questions regarding his project may be directed to Rebecca Mahan at (360) 417-2322.

The sealed bids must be clearly marked on the outside of the envelope, "**BID PROPOSAL for McDonald Creek Irrigation and Fish Passage Improvement Project**". Address bid proposal to: Board of Clallam County Commissioners, 223 E. 4th St., Ste. 4, Port Angeles, WA 98362 or hand-deliver to 223 E. 4th St., Room 150, Port Angeles, Washington. Bid documents delivered to other offices and received late by the Commissioners' Office will not be considered, nor will bids received by facsimile or e-mail.

Clallam County will determine the lowest responsible bidder in accordance with the terms of Clallam County Code Section 3.12.070 and reserves the right to reject any and all bids and to waive informalities in the process, or to accept the bid which in its estimation best serves the interests of Clallam County.

Clallam County, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

The attached contract drawings, the contract provisions, and specifications for the above-described project are hereby

APPROVED THIS ___ DAY OF _____, 20___

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias, Chair

ATTEST:

_____
Loni Gores, CMC, Clerk of the Board

Please Publish: Peninsula Daily News/Seattle Daily Journal of Commerce — March 17, 24, 31
Please Bill: Clallam County Department of Community Development — March 17, 24, 31

BID PROPOSAL

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

To the Board of County Commissioners (or designated alternative) of Clallam County, Port Angeles, Washington

Gentlemen:

This certifies that the undersigned has examined the Contract Provisions for the **McDonald Creek Irrigation and Fish Passage Improvement Project** and has examined the site, located along McDonald Creek upstream (south) of the U.S. Highway 101 Bridge over McDonald Creek.

This contract provides for the improvement of irrigation infrastructure along McDonald Creek upstream (south) of the Highway 101 crossing and restoration of approximately 190 feet of the McDonald Creek stream channel to improve fish passage and habitat conditions and ensure reliability of water supply for irrigation. The project will improve water supply to a portion of the Agnew Irrigation District delivery system that is currently served through a diversion on McDonald Creek approximately 450 feet upstream of Highway 101.

The signatory on the Proposal Signature Page further clarifies that he/she understands the plans, specifications, and contract governing the work embraced in this improvement project, and the method by which payment will be made for said work. Unanticipated financial constraints on the part of the County may result in curtailment or limiting of this improvement project to as much of the work as can be completed with the money available. The undersigned hereby proposes to undertake and complete the work embraced in this improvement project in accordance with the said plans, specifications, and contract, and the following schedule of rates and prices:

NOTE: Unit Prices and Unit Totals for all items, and the Total shall be shown, and shall be shown in figures only. Figures written to the right of the dot (decimal) in the Unit Price and Unit Total columns shall be interpreted as cents. Unit prices shall include sales tax. All entries must be typed or entered in ink. If a discrepancy exists between the Unit Price and the Unit Total, the Unit Price will control.

ITEM NO.	APRX QTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT TOTAL
1	1	LS	Construction Surveying		
2	1	LS	Remove Fish from the Work Area		
3	1	LS	Temporary Water Pollution/Erosion Control		
4	1	LS	Diversion and Care of Water		
5	1	LS	Temporary Water Supply to AID		

ITEM NO.	APRX QTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT TOTAL
6	1	EST	Force Account	$25,000	
7	1	LS	Mobilization/Demobilization		
8	0.12	AC	Clearing and Grubbing		
9	1	LS	Remove Existing Denil Fish Ladder		
10	1	LS	Remove Existing Fish Screen Structure and Bypass Pipeline		
11	1	LS	Remove Existing Head Gate and Overflow Structures		
12	1	LS	Remove Existing Gabions from Stream Bank		
13	1	LS	Remove Other Miscellaneous Structures and Obstructions		
14	1	LS	Sawcut and Remove Portions of Existing Dam		
15	1	LS	Excavate for Reinforced Concrete Structures		
16	1	LS	Place and Compact Native Backfill for Structures		
17	1	LS	Final Cleanup		
18	1	LS	Excavate and Stockpile Streambed Materials		
19	224	CY	Place Native Gravel-Cobble Mix in Channel		
20	95	CY	Furnish and Place Imported Gravel-Cobble Mix in Channel		
21	270	EA	Furnish and Place Streambed Boulders in Channel		
22	270	EA	Remove/Rework Existing Streambed Boulders in Channel		
23	1	LS	Haul and Dispose of Excess or Unsuitable Streambed Material		
24	92	TN	Furnish and Install Crushed Surfacing for Access Road		

ITEM NO.	APRX QTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT TOTAL
25	1	LS	Modify Existing Diversion Dam		
26	77	CY	Reinforced Concrete Fish Screening and Passage Structure		
27A	1	LS	Install County-Furnished Grating		
27B	1	LS	Furnish and Install Grating Supports and Misc. Metalwork		
27C	1	LS	Furnish and Install Removable Grating and Supports		
28	1	LS	Furnish and Install Railing		
29	1	LS	Install County-Furnished Welded-Steel Debris Rack		
30	1	LS	Furnish and Install Removable Weirs and Stop Logs on Existing Dam		
31	1	LS	Install Fish Screen and Paddle Wheel		
32	1	LS	Install County-Furnished 9-inch Fiberglass Parshall Flume		
33	1	LS	Trench Excavation		
34	10	CY	Furnish, Place, and Compact Pipe Bedding		
35	31	CY	Furnish, Place, and Compact Select Backfill		
36	84	CY	Furnish, Place, and Compact Imported Final Backfill		
37	1	LS	Place and Compact Native Final Backfill		
38	77	LF	Install County-Furnished 24-inch CPE Irrigation Pipe and Fittings		
39	58	LF	Remove and Reinstall Existing 24-inch CPE Irrigation Pipe		
40	14	LF	Install County-Furnished 24-inch CPE Sluice Pipe and Fittings		
41	1	LS	Furnish and Install 2-inch Air Vent Assembly		

BID PROPOSAL

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

ITEM NO.	APRX QTY	UNIT	DESCRIPTION	UNIT PRICE	UNIT TOTAL
42	1	LS	Furnish and Install Connection to Existing Irrigation Pipe		
43	1	EA	Install County-Furnished 48-inch Slide Gate		
44	2	EA	Install County-Furnished 24-inch Canal Gate		
45A	1	EA	Furnish and Install 48-inch Stop Gate with Handwheel Operator		
45B	1	LS	Furnish and Install Mechanical Hoist		
46	0.10	AC	Hydroseed (Seeding, Fertilizing, and Mulching)		
47	0.10	AC	Streambank Revegetation		
48	1	LS	Furnish and Install Security Fence and Gates		
49A	1	LS	Install County-Furnished Conduit for Flow Monitoring		
49B	1	LS	Furnish and Install Vault for Flow Monitoring Equipment		
50	1	LS	Furnish and Install Rockery		
51	20	CY	Extend Gabion Cribbing		
TOTAL					

_____ _____

Signed: Date:

BIDDER COMPANY NAME:

_____

PROPOSAL BID BOND

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

KNOW ALL MEN BY THESE PRESENTS: That we, _____

as Principal, and, _____

a corporation duly organized under the laws of the state of _____, and authorized to do business in the State of Washington, as Surety, are held and firmly bound unto the Clallam County in the full and penal sum of five (5) percent of the total amount of the bid proposal of said principal for the work hereinafter described, for the payment of which, well and truly to be made, we bind our heirs, executors, administrators and assigns, and successors and assigns, firmly by these presents.

The conditions of this bond are such, that whereas the principal herein is herewith submitting his or its sealed proposal for the following public works construction, to wit:

_____

_____

said bid and proposal, by reference thereto, being made a part hereof.

NOW, THEREFORE, if the said proposal bid by said principal be accepted, and the contract be awarded to said principal, and if said principal shall duly make and enter into and execute said contract and shall furnish bond as required by Clallam County within a period of ten (10) days from and after said award, exclusive of the day of such award, then this obligation shall be null and void, otherwise it shall remain and be in full force and effect.

IN TESTIMONY WHEREOF, the principal and surety have caused these presents to be signed and sealed this _____ day of _____, 20___.

SURETY:	PRINCIPAL:
_____	_____
Name	Name of Principal
_____	_____
Attorney in Fact	Name and Title of Signatory
_____	_____
Signature	Signature

FINAL PROJECT MANUAL

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PART B:

CONTRACTING REQUIREMENTS

CONTRACT

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

THIS AGREEMENT, made and entered into between Clallam County, acting through the Clallam County Commissioners and the Clallam County Community Development Department, and _____, of _____, _____, hereinafter called the Contractor:

In consideration of the terms and conditions contained herein and attached and made a part of this agreement, the parties hereto covenant and agree as follows:

I. The Contractor shall do all work and furnish all tools, materials, and equipment for the **McDonald Creek Irrigation and Fish Passage Improvement Project, CRP _____,** and other related work in accordance with the bid proposal submitted by the Contractor and the attached Contract Plans and Contract Specifications and the Standard Specifications and the Standard Plans of the Washington State Department of Transportation for Road, Bridge, and Municipal Construction, which are by this reference incorporated herein and made part of this contract.

The Contractor shall provide and bear the expense of all equipment, work, and labor, of any sort whatsoever, that may be required for the transfer of materials and for constructing and completing the work provided for in the Contract Plans and Provisions except for those items specifically mentioned therein to be furnished by Clallam County.

II. Clallam County hereby promises and agrees with the Contractor to employ, and does employ, the Contractor to provide the materials and to do and cause to be done the above described work and to complete and finish the same according to the attached Specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the attached Specifications and the schedule of unit or itemized prices hereto attached, at the time and in the manner and upon the conditions provided for in this contract. The County further agrees to employ the Contractor to perform any alterations in or additions to the work provided for in this contract that may be ordered and to pay for the same under the terms of this contract and the attached Plans and Specifications.

III. The Contractor for himself, and for his heirs, executors, administrators, successors, and assigns, hereby agrees to fully perform all the Contractor's covenants contained herein.

IV. It is further provided and understood by the parties to this contract that no liability shall attach to Clallam County by reason of entering into this contract, except as expressly provided herein.

CONTRACT

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

Executed by the Contractor: Signature: _____

Title: _____

Date: _____ For: _____

(Contractor)

COUNTY OF CLALLAM

Approved as to Form: _____

Deputy Prosecuting Attorney Date
County of Clallam

By: _____

Chair of the BOARD OF CLALLAM COUNTY COMMISSIONERS

This agreement commences on the _____day of _____, 20____

PUBLIC WORKS CONTRACT BOND

Bond No._____

KNOW ALL MEN BY THESE PRESENTS: That we, _____, _____,as Principal, and _____, as Surety, are held and firmly bound and obligated unto the State of Washington and County of Clallam, in the sum of _____ DOLLARS, for the payment of which sum we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally.

This bond is executed pursuant to Chapter 39.08, Revised Code of Washington. Surety specifically agrees to be bound by the laws of the State of Washington and to be subjected to the jurisdiction of the State of Washington.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH, that whereas the Principal entered into a certain contract with Clallam County dated the _____ day of _____, 20___, for _____ _____ which contract is attached hereto and is incorporated herein by this reference.

NOW, THEREFORE, if the Principal performs and fulfills all the provisions of such contract and pays all laborers, mechanics, and subcontractors and materialmen, and all persons who shall supply such person or persons, or subcontractors, with provisions and supplies for the carrying on of such work, then this obligation is void; otherwise it shall remain in full force and effect.

Signed and Sealed this _____ day of _____, 20_____.

SURETY:	PRINCIPAL:
_____	_____
Name	Name of Principal
_____	_____
Address	Name and Title of Signatory
_____	_____
Attorney in Fact	Signature
_____	
Signature	

APPROVED AS TO FORM:

_____
Deputy Prosecuting Attorney

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PART C:

SPECIFICATIONS

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FINAL PROJECT MANUAL

Special Provisions

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SPECIAL PROVISIONS
INTRODUCTION

These Special Provisions shall be used in conjunction with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2022 English edition, together with Section 1-99 APWA Supplement as issued by the Washington State Department of Transportation (WSDOT) and American Public Works Association (APWA), Washington State Chapter, hereinafter referred to as the "Standard Specifications."

The Standard Specifications, except as they may be modified or superseded by these Special Provisions, shall govern all phases of work under this contract, and they are by reference made an integral part of these Specifications and contract as if herein fully set forth.

Description of Work

This contract includes the improvement of irrigation infrastructure along McDonald Creek upstream (south) of the Highway 101 crossing and restoration of approximately 190 feet of the McDonald Creek stream channel to improve fish passage and habitat conditions and ensure reliability of water supply for irrigation. The project will improve water supply to a portion of the Agnew Irrigation District delivery system that is currently served through a diversion on McDonald Creek approximately 450 feet upstream of Highway 101. The project will also build on work completed by Agnew Irrigation District (AID) in March 2020. That work included installation of approximately 178 feet of 24-inch corrugated polyethylene (CPE) pipe to replace a segment of the diversion canal that was leaking. The following specific work items will be included in this contract:

- Construction surveying.
- Establishment and maintenance of temporary erosion and sediment control best management practices (BMPs) in accordance with local and state regulations and permit approvals.
- Removal of fish from the work site, as needed to complete the work.
- Diversion of McDonald Creek through the work site, as needed to complete the work.
- Installation and maintenance of temporary piping or other equipment needed to maintain continuous water supply from McDonald Creek to the AID delivery system throughout the irrigation season (approximately April 15 through September 15).
- Demolition, removal, and disposal of some of the irrigation infrastructure in the McDonald Creek stream channel, including portions of the diversion canal, head gate structure and spillway facilities, and the existing fish screening structure.
- Modification of the existing diversion dam to lower the notch in the dam and remove and dispose of the existing Denil fish ladder that passes through the dam.
- Construction of a new reinforced concrete diversion, fish screening, and fish passage structure at the upstream end of the existing diversion canal abutting the downstream side of the diversion dam.
- Relocation and installation of the existing fish screen and associated paddle wheel to the new fish screening structure at the downstream side of the diversion dam.
- Installation of a new head gate, debris rack, flume, grating, fish passage weirs, and other appurtenances to the new diversion, fish screening, and fish passage structure.

- Installation of new 24-inch CPE pipe to replace the remaining portions of the diversion canal and complete a buried diversion pipeline from the new diversion, fish screening, and fish passage structure to a connection with an existing irrigation pipeline downstream of the existing fish screen.
- Restoration of a 190-foot section of the McDonald Creek stream channel, including excavation, sorting, and placement of existing streambed materials and furnishing and placement of imported streambed boulders and cobbles, construction of rock weirs across the channel at three locations to improve fish passage, and armoring of the toe and slope to protect new irrigation infrastructure on the right bank of the stream channel.
- Creation of a crushed rock maintenance access path over the new diversion pipeline.
- Planting and restoration of disturbed areas.

Clearing limits and allowable staging/work areas are shown on the Contract Drawings. All work shall be in accordance with the Contract Drawings, the Standard Specifications, and these Special Provisions to the Standard Specifications.

County-Furnished Materials and Equipment

Clallam County has chosen to pre-purchase some of the materials needed to complete the project. The County will be receiving and storing materials at the Kirner Road Pit. The County's Kirner Road Pit is located adjacent to Kirner Road approximately 0.5 mile north of the intersection of Kirner Road and Woodcock Road, near Sequim, Washington. The Contractor will be responsible for loading and transporting the pre-purchased materials to the project site, staging the materials at the site, and installing the materials as indicated on the Drawings and in the Specifications. Additional requirements are outlined in Section 1-04.1(3) of these Special Provisions.

Understanding These Special Provisions

These Special Provisions *supplement*, add *new* Specifications, *replace*, and/or *modify* the Standard Specifications. The sections herein have descriptors added as follows:

Supplement
The entire identified section of the Standard Specifications is valid and is supplemented by the text provided.

New
The item is a Special Provision required for this project and does not reference a Standard Specification.

Replacement
Replace the entire referenced section of the Standard Specifications with the text provided.

Modification (Revision)
Provides a variation or modification of an identified sentence, paragraph, or section in the Standard Specifications.

DIVISION 1 – GENERAL REQUIREMENTS

1-01 DEFINITIONS AND TERMS

1-01.2 Abbreviations

Supplement with the following:

1-01.2(1) Associations and Miscellaneous

AASHTO	American Association of State Highway and Transportation Officials
AID	Agnew Irrigation District
APWA	American Public Works Association
ASTM	American Society for Testing and Materials
BMP	best management practice
County	Clallam County
DCW	Diversion and Care of Water
Ecology	Washington State Department of Ecology
HPA	Hydraulic Project Approval
NPDES	National Pollutant Discharge Elimination System
RCW	Revised Code of Washington
ROW	right-of-way
SPCC	Spill Prevention, Control, and Countermeasures
SWPPP	Stormwater Pollution Prevention Plan
TESC	Temporary Erosion and Sediment Control
UHMW	ultra-high molecular weight
WAC	Washington Administrative Code
WDFW	Washington State Department of Fish and Wildlife
WSDOT	Washington State Department of Transportation

1-01.2(2) Items of Work and Units of Measurement

°	Degrees
′	Feet, Minutes
″	Inches, Seconds
Alt	Alternative
Assy.	Assembly
CPE	Corrugated Polyethylene Pipe
CPLG	Coupling
DCW	Diversion and Care of Water
Diam.	Diameter
D.I.	Ductile Iron
DWG	Drawing
E	East, Easting
Elev.	Elevation
Ex.	Existing
f'_c	Compressive Strength
FIPT	Female Iron Pipe Thread

FG	Finished Grade
FL	Flowline, Flange, Flanged
FPS	Feet per Second
FT	Feet
f'_y	Yield Strength
Galv.	Galvanized
HDPE	High-density Polyethylene
Hor.	Horizontal
I.D.	Inside Diameter
I.E.	Invert Elevation
IN	Inches
L	Length
Max.	Maximum
Min.	Minimum
MIPT	Mail Iron Pipe Thread
N	North, Northing
NAD	North American Datum
NAVD	North American Vertical Datum
No.	Number
NTU	Nephelometric Turbidity Units
O.C.	On Centers
O.D.	Outside Diameter
PAM	Polyacrylamide
P.E.	Professional Engineer
PVC	Polyvinyl Chloride
R, Rad.	Radius
ROW	Right-of-Way
S	Slope, Sanitary Sewer, South
SHT	Sheet
SST	Stainless Steel
Sta.	Station
SY	Square Yard
Typ.	Typical
Vert.	Vertical
W	West
WSEL	Water Surface Elevation

1-01.3 Definitions

Supplement with the following:

In the Standard Specifications, whenever reference is made to the *Contracting Agency, State, Commission, Department of Transportation, Secretary of Transportation, Engineer*, and *Material Receiver*, such reference shall be deemed to be Clallam County, its Board of County Commissioners, employees, and duly authorized representatives.

The words **"Plans"** and **"Drawings"** are used interchangeably in this Specification and in all cases shall be interpreted to mean "Drawings."

All references to the terms "State" or "state" shall be revised to read "Contracting Agency" unless the reference is to an administrative agency of the State of Washington, a State statute or regulation, or the context reasonably indicates otherwise.

All references to "State Materials Laboratory" shall be revised to read "Contracting Agency designated location."

All references to "final contract voucher certification" shall be interpreted to mean the Contracting Agency form(s) by which final payment is authorized, and final completion and acceptance granted.

Engineer
The design Engineer or duly authorized representative who is a currently licensed registered engineer in the State of Washington, or an authorized member of a licensed consulting firm retained by the Contracting Agency for the construction engineering of a specific public works project; also referred to as "Project Engineer."

Contracting Agency
Clallam County, its Board of County Commissioners, employees, and other duly authorized representatives.

Owner
Where used in reference to proposed or existing irrigation infrastructure, refers to Agnew Irrigation District (AID), its board of directors, employees, and duly authorized representatives.

Where used in reference to the property where the stream channel restoration work is to be completed in the Highway 101 right-of-way, refers to Clallam County, its Board of County Commissioners, employees, and other duly authorized representatives.

Provide
Means "furnish and install" as specified and shown in the Drawings.

Bid Opening Date
The date on which the Contracting Agency publicly opens and reads the Bids.

Award Date
The date of the formal decision of the Contracting Agency to accept the lowest responsible and responsible Bidder for the Work.

Contract Execution Date
The date the Contracting Agency officially binds the Agency to the Contract.

Notice to Proceed Date
The date stated in the Notice to Proceed on which the Contract time begins.

Substantial Completion Date
The day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, any remaining traffic disruptions will be rare and brief, and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract.

Physical Completion Date
The day all the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date.

Completion Date
The day all the Work specified in the Contract is completed and all the obligations of the Contractor under the Contract are fulfilled by the Contractor. All documentation required by the Contract and required by law must be furnished by the Contractor before establishment of this date.

Final Acceptance Date
The date on which the Contracting Agency accepts the Work as complete.

Additive
A supplemental unit of work or group of bid items, identified separately in the Bid Proposal, which may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.

Alternate
One of two or more units of work or groups of bid items, identified separately in the Bid Proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

Business Day
A business day is any day from Monday through Friday except holidays as defined by the Contracting Agency.

Contract Bond
The definition in the Standard Specifications for "Contract Bond" applies to whatever bond form(s) are required by the Contract Documents, which may be a combination of a Payment Bond and a Performance Bond.

Contract Documents
See definition for "Contract."

Contract Time
The period established by the terms and conditions of the Contract within which the Work must be physically completed.

Notice of Award
The written notice from the Contracting Agency to the successful Bidder signifying the Contracting Agency's acceptance of the Bid Proposal.

Notice to Proceed
The written notice from the Contracting Agency or Engineer to the Contractor authorizing and directing the Contractor to proceed with the Work and establishing the date on which the Contract time begins.

1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this Section and replace it with the following:

1-02.1 Qualifications of Bidder

Before award of a public works contract, a bidder must meet at least the minimum qualifications of RCW 39.04.350(1) to be considered a responsible bidder and qualified to be awarded a public works project.

1-02.2 Plans and Specifications

Replace with the following:

The official Drawings will be known as the **McDonald Creek Irrigation and Fish Passage Improvement Project Drawings**. The Contracting Agency will make review copies of the Drawings and Specifications available at the locations listed in the bidding documentation (Part A).

Copies of plans and specifications will be on file in and may be obtained from the Clallam County Department of Community Development at the Clallam County Courthouse, 223 East Fourth Street, Suite 5, Port Angeles, WA. Bidders/Contractors may obtain one copy free of charge. Additional copies may be obtained by payment of printing costs. After award of the Contract and upon request by the prime Contractor, a maximum of five (5) sets of full-size plans and specifications will be furnished to the prime Contractor at no cost. Additional sets of full-size plans and specifications may be obtained by payment of printing costs.

1-02.4 Examination of Plans, Specifications, and Site of Work

Supplement with the following:

1-02.4(1) General

Minor variations and miscellaneous items may not be shown in the Drawings. In accordance with the Standard Specifications, it shall be the Contractor's responsibility to examine the site, become familiar with all attendant conditions, determine the difficulties and work involved, and accept the site in its existing condition at the time of the award of contract.

The Contractor's attention is called to the limited access available to portions of the site. The existing diversion dam is not accessible with construction vehicles. Placement of concrete for the new diversion, fish screening, and fish passage structures will likely require transport of concrete with

small construction equipment or concrete buggies along a narrow pathway to be constructed as part of the work. The Contractor shall be responsible for determining how to access the site to deliver and place materials within the requirements shown in the Contract Drawings, in these Specifications, and in the applicable permits.

1-02.4(2) Subsurface Information

Limited subsurface investigations of the site of proposed work have been made. A report summarizing those investigations is included in Appendix D-1. The absence of subsurface soil information shall not relieve the Contractor from any risks or responsibility to make examinations and investigations prior to construction to verify existing conditions, as required by Section 1-02.4(1) of the Standard Specifications.

The presence or absence of buried archaeological and historical objects at the site has not been field verified. If the Contractor encounters archaeological and historical objects or skeletal remains while performing the work, the Contractor shall immediately notify the Contracting Agency's Cultural Resource Specialist and shall proceed in accordance with the requirements of Section 1-07.16(4) of the Standard Specifications.

1-02.6 Preparation of Proposal

Supplement with the following:

The Contracting Agency invites bids on the forms included in Part A – Bidding Documents to be submitted at such time and place as is stated in those documents. ALL BLANKS IN THE PROPOSAL FORMS MUST BE APPROPRIATELY FILLED IN.

The fifth paragraph is revised to read:

The bidder shall submit with the bid a list of:

1. Subcontractors who will perform work
2. The work those subcontractors will perform on the contract

1-02.9 Delivery of Proposal

Supplement with the following:

Bid proposals shall be submitted by mail or hand delivered to the office of the Contracting Agency before the time and date specified in Part A – Bidding Documents:

Board of Clallam County Commissioners
223 East 4th Street, Suite 4 (if by mail)
223 East 4th Street, Room 150 (if hand delivered)
Port Angeles, WA 98362
(360) 417-2322

The envelope shall be plainly marked with **"Bid Proposal for McDonald Creek Irrigation and Fish Passage Improvement Project."** Proposal envelopes sent by mail shall be further sealed in another envelope.

1-02.13 Irregular Proposals

Delete this section and replace it with the following:

1. A Proposal will be considered irregular and will be rejected if:
    a. The Bidder is not prequalified when so required;
    b. The authorized Proposal form furnished by the Contracting Agency is not used or is altered;
    c. The completed Proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
    d. The Bidder adds provisions reserving the right to reject or accept the award, or enter the Contract;
    e. A price per unit cannot be determined from the Bid Proposal;
    f. The Proposal form is not properly executed;
    g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;
    h. The Bidder fails to submit or properly complete an Underutilized Disadvantaged Business Enterprise (UDBE) Certification, if applicable, as required in Section 1-02.6;
    i. The Bidder fails to submit written confirmation from each UDBE firm listed on the Bidder's completed UDBE Utilization Certification that they are in agreement with the bidder's UDBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;
    j. The Bidder fails to submit UDBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made;
    k. The Bidder fails to submit a UDBE Bid Item Breakdown form, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
    l. The Bidder fails to submit UDBE Trucking Credit Forms, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
    m. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
    n. More than one Proposal is submitted for the same project from a Bidder under the same or different names.
2. A Proposal may be considered irregular and may be rejected if:
    a. The Proposal does not include a unit price for every Bid item;
    b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
    c. Receipt of Addenda is not acknowledged;

d. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
e. If Proposal form entries are not made in ink.

1-03 AWARD AND EXECUTION OF CONTRACT

1-03.2 Award of Contract

Supplement with the following:

The award of Contract will be made to the lowest bidder deemed responsible by the Contracting Agency, whose bid conforms to the requirements of these Specifications, and whose past record of performance on work of similar complexity and magnitude indicates that said bidder is qualified to carry out the obligations of the Contract and to complete the work contemplated therein.

1-03.3 Execution of Contract

Supplement with the following:

The Contract forms that the successful bidder, as the Contractor, will be required to execute, and the forms and the amount of surety bonds which the Contractor will be required to furnish at the time of execution of the Contract are included in Part B – Contracting Requirements, and should be carefully examined by the bidder.

Work shall not begin within the project limits before the Contractor receives a written Notice to Proceed from the Contracting Agency. Any work begun outside such areas or material ordered prior to execution of the Contract shall be at the Contractor's risk.

1-03.4 Contract Bond

Supplement with the following:

All work shall be guaranteed for a period of 1 year after acceptance of the project. Formal construction acceptance by the Contracting Agency will be considered as the date of commencement of the 1-year period.

Release of Contract Bond will be 60 days following the Contract Completion date and Notice of Completion (NOC) being sent to the Washington State Department of Labor and Industries, Washington State Department of Revenue, and Washington State Employment Security Department, provided the following conditions are met:

1. Payment to the State with respect to taxes imposed pursuant to Title 82, RCW on Contracts totaling more than $35,000, a release has been obtained from the Washington State Department of Revenue.
2. Affidavits of Wages Paid for the Contractor and all Subcontractors are on file with the Contracting Agency (RCW 39.12.040).
3. A certificate of Payment of Contributions Penalties and Interest on Public Works Contract is received from the Washington State Employment Security Department.

4. Washington State Department of Labor and Industries (per Section 1-07.10) shows the Contractor, Subcontractor(s), and any lower tier Subcontractor(s) are current with payments of industrial insurance and medical aid premiums.
5. All claims, as provided by law, filed against the Contract Bond have been resolved.

1-03.7 Judicial Review

Revise this section to read:

Any decision made by the Contracting Agency regarding the Award and execution of the Contract or Bid rejection shall be conclusive subject to the scope of judicial review permitted under Washington Law. Such review, if any, shall be timely filed in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction.

1-04 SCOPE OF THE WORK

Supplement with the following:

1-04.1(3) County-Furnished Materials (New Section)

Clallam County has chosen to pre-purchase some of the materials needed to complete the project. Table 1 summarizes the quantities and types of materials that Clallam County has pre-purchased. The bid items impacted by the pre-purchase of these materials are also indicated. The County will be receiving and storing materials at the Kirner Road Pit. The County's Kirner Road Pit is located adjacent to Kirner Road approximately 0.5 miles north of the intersection of Kirner Road and Woodcock Road, near Sequim, Washington. The Contractor will coordinate the transfer of the pre-purchased materials with the County. The Contractor will inventory and verify the quantities and condition of the materials prior to transporting them to the project site. The Contractor will notify Clallam County if the quantity and types of materials pre-purchased by the County do not match the quantities and types of materials listed in Table 1. The Contractor will also notify Clallam County if the materials are damaged or do not otherwise meet the requirements of these specifications. The Contractor will furnish all other materials and equipment needed to complete the work. The Contractor will be responsible for loading and transporting the pre-purchased materials to the project site, staging the materials at the site, and installing the materials as indicated on the Drawings and in the Specifications.

Table 1
County-Furnished Materials

Bid Item	Quantity	Unit	Description	Supplier
27	1	LS	Welded-Steel Bar Grating	Copper Creek Fabrication
29	1	LS	Welded-Steel Debris Rack	Copper Creek Fabrication
32	1	LS	9-inch Fiberglass Parshall Flume	Tracom, Inc.
38, 40	100	LF	24-inch N-12, Watertight CPE Irrigation Pipe	Iconix Waterworks, Inc.
38	2	EA	24-inch 22-1/2 CPE Degree Bend	Iconix Waterworks, Inc.
38	1	EA	24-inch 11-1/4 CPE Degree Bend	Iconix Waterworks, Inc.
43	1	EA	48-inch Aluminum Slide Gate	Golden Harvest, Inc.
44	1	EA	24-inch Waterman C-10 Canal Gate, 78" High	Iconix Waterworks, Inc.
44	1	EA	24-inch Waterman C-10 Canal Gate, 66" High	Iconix Waterworks, Inc.
49	160	LF	2-inch Sch. 80 PVC Conduit for Flow Monitoring	Iconix Waterworks, Inc.
49	2	EA	Sch. 80 22-1/2 PVC Sweep Bend	Iconix Waterworks, Inc.
49	1	LS	Schedule 80 90 PVC Sweep Bend	Iconix Waterworks, Inc.

1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications, and Addenda

Delete the second paragraph and replace with the following:

Any inconsistency in the parts of the contract shall be resolved by following this order of precedence:

1. The Contract
2. Change Orders
3. Addenda
4. Special Provisions
5. Contract Drawings
6. Standard Specifications (including Standard Plans and Amendments made thereto) and documents incorporated by reference
7. Supplemental Information provided to Bidders (with Bid Advertisement)

In case of discrepancies, the document(s) assigned the smaller number(s) shall govern over items having larger numbers. Units of measurement in the Proposal shall govern over units of measurement in the Specifications and Provisions. On the Plans or Drawings, correctly calculated dimensions shall govern over scaled or approximately stated dimensions. In case of any ambiguity or dispute over interpretation of the provisions of the Contract, the decision of the Contracting Agency shall be final.

1-04.4 Changes

Supplement with the following:

All change orders shall be in the Contract Change Order form, provided by the Contracting Agency, which shall be signed by both the Contractor and the Contracting Agency and shall specifically state the change of the work, the completion date for such changed work, and any increase or decrease in the compensation to be paid to the Contractor as a result of such change in the work.

1-04.7 Differing Site Conditions (Changed Conditions)

Supplement with the following:

All bidders and the Contractor shall perform all investigations and analyses as may be required to determine and define subsurface soil conditions that may affect the construction work. Each bidder and the Contractor shall make their own determinations and conclusions regarding the nature of the materials to be excavated, the methods and procedures to be utilized in making the excavations, the necessity for dewatering and the constraints and difficulties imposed by the subsurface conditions upon the excavations, the excavation work, and any and all other construction work.

The Contractor shall anticipate that the actual subsurface soil conditions may be different from the conditions assumed or determined by the Contractor prior to start of work and that the actual conditions may hinder, delay, or complicate execution of the work. The Contractor shall not be entitled to an extension of time or to any claim for damage because of hindrances, delays, and complications caused by or resulting from both anticipated and unanticipated subsurface soil conditions.

1-04.11 Final Cleanup

Supplement with the following:

Final clean up shall be considered as incidental to the construction of the project and all costs thereof shall be included by the Contractor in the unit cost price of other bid items.

1-05 CONTROL OF WORK

1-05.3 Plans and Working Drawings

Supplement with the following:

An approved set of Construction Drawings for all work shall be kept on the construction site at all times. In addition, a copy of the *Standard Specifications for Road, Bridge and Municipal Construction*, 2022 edition, issued by the Washington State Department of Transportation (WSDOT), and a copy of these Special Provisions shall be available on the construction site at all times.

Supplemental drawings furnished by the Contractor as required for performance of the work shall be referred to as "shop drawings." Shop drawings shall include details necessary for the fabrication,

installation, maintenance, and repair of all materials provided under the Contract where the Contractor feels more detailed drawings are necessary.

Shop drawings shall be submitted to the Engineer for review in accordance with the requirements set forth in the Standard Specifications and as required by these Special Provisions. Requirements for submittal of shop drawings, project data, materials, and other supplemental information are outlined in Section 1-06.1.

1-05.3(1) Record Drawings *(New Section)*

The Contractor shall maintain record information in the form of hand-drawn redlines, field notes, and photographs ("field documentation") of all improvements as the work progresses. Record information shall include, but not be limited to, the final location of all new materials incorporated into the work and all existing utilities and other improvements encountered such as irrigation lines, water lines, underground power, telephone, and gas lines with such dimension, depths, nature of composition, and locations shown in order to allow the improvement to be identified and located in the field from the control stationing or other permanent structure that is to remain.

The Contractor's field documentation shall be maintained on site and shall be available at all times for review by the Contracting Agency or its authorized representatives. The Contracting Agency's inspector will periodically review the Contractor's field documentation and will stop work if the Contractor is not maintaining adequate records.

The Contractor shall contract with a professional surveyor licensed in the State of Washington to acquire the field data required to create the record drawings. The Contractor's surveyor shall be the surveyor of record for the record drawings. All field locations shall be associated with an easily measured object in the field such as a light pole, manhole, catch basin, curb hub, etc.

1-05.4 Conformity With and Deviations from Plans and Stakes

Delete this section in its entirety and replace with the following.

1-05.4 Construction Surveying *(New Section)*

1-05.4(1) General

Survey control points are shown on the Contract Drawings. Horizontal and vertical coordinates and topography are also shown on the Contract Drawings. Calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades and determining quantities shall be the Contractor's responsibility.

The Contractor shall be responsible for setting and maintaining all alignment stakes, slope stakes, and grades necessary for all work included in this project. The Contractor shall provide the Contracting Agency copies of such calculations and staking data when requested by the Engineer.

The Contractor shall stake clearing limit boundaries as necessary and provide clearing limits flagging, or a silt fence in accordance with the Contract Drawings so that lands beyond the clearing

limit are protected during construction. The Contractor shall ensure a surveying accuracy of structural components and pipeline elevations to within a ±0.02-foot variation from the lines and grades shown on the Contract Drawings.

1-05.4(2) Errors in Contractor-Supplied Surveying

At the Contracting Agency's discretion, it may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking and testing as described elsewhere, and do not relieve the Contractor of the responsibility of producing a finished product that is in accordance with the contract. In the event that the Engineer or Contracting Agency determines that the survey work is insufficient for the project, the Contractor shall provide corrective measures to improve the insufficiencies. No compensation shall be made for corrective measures.

The Contractor shall direct all questions regarding correct interpretation of provided data to the Engineer. Failure to correctly interpret and utilize survey control data or plans as provided by the Engineer shall not constitute justification for a claim of extra work. The Contractor shall immediately notify the Engineer of any survey data discrepancy.

1-05.4(3) Survey Documentation

All survey activities shall be documented in standard hard cover survey field books to be readily available for inspection. Upon completion of the project, all survey books shall become the property of the Contracting Agency.

1-05.4(4) Payment

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Construction Surveying	Lump Sum

The lump sum bid price for "Construction Surveying" shall include all incidental work and be full compensation for all labor, material, tools, and equipment necessary to satisfactorily complete the work as defined in the Standard Specifications and these Special Provisions, including, but not limited to, construction staking and final record drawing survey of piping, structures, slopes, finished grades, and other buried items included in this contract.

1-05.6 Inspection of Work and Materials

Supplement with the following:

The Contractor shall take soil samples to an independent testing laboratory, approved by the Contracting Agency's Representative, to perform moisture content, gradation, compaction, and density tests during placement of backfill materials to check compliance with these Specifications. The Contractor shall also take concrete samples to an independent testing laboratory, approved by the Contracting Agency's Representative, to perform concrete testing, as outlined in

Section 6-02.3(5) of the Standard Specifications. Testing does not relieve the Contractor of the responsibility to determine to its own satisfaction when and if the work meets the Specifications.

Test procedures will be as follows:

a. Moisture content American Society for Testing and Materials (ASTM) D-3017
b. Gradation ASTM C-136, D-422
c. Density in-place ASTM D-1556, D-2922 (1 Min. Every 200 Feet)
d. Moisture-density relationships ASTM D-1557
e. Concrete testing As specified in Section 6-02.3(5) of the Standard Specifications

The Contractor shall also submit laboratory test reports certifying moisture, density, curves, and gradation for all imported non-cohesive materials at least 14 days in advance of use.

1-05.7 Removal of Defective and Unauthorized Work

Supplement with the following:

If any portion of the work done or material furnished under this Contract shall prove defective and not in accordance with the Drawings and Specifications, and if the imperfection in the same shall not be of sufficient magnitude or importance as to make the work dangerous or unsuitable, or if the removal of such work will create conditions that are dangerous or undesirable, the Contracting Agency shall make such deductions in the final payment as may be just and reasonable.

1-05.11 Final Inspection

Supplement with the following:

On-site inspection during construction shall be provided by the Contracting Agency and/or a special inspector employed by the Contracting Agency or its designated representative. Prior to final approval of construction, restoration of the area will be complete, and a visual inspection of the site will be made by the Contracting Agency or its designated representative.

1-05.12 Final Acceptance

Supplement with the following:

Final acceptance of the work shall be the date when the Contracting Agency approves the work by issuing a final Notice of Completion. It is the intent of the Contracting Agency to have complete and operable facilities at final acceptance.

1-05.14 Cooperation with Other Contractors

Supplement with the following:

The Contractor shall coordinate the work with contractors and utility companies that may have facilities in the project area. The Contractor shall also coordinate activities with the Contracting Agency. No power lines, water mains, individual water services, streets, or private drives may be

closed off without a minimum of 48 hours' notice and written approval from the Contracting Agency's Representative, the appropriate utility, and the private property owner.

The Contracting Agency shall not be responsible for any damages suffered or extra costs incurred by the Contractor resulting directly or indirectly from the performance or attempted performance of any other contract or contracts existing or known to be pending at the time of bid. No claims for damages, delays, or added project cost by the Contractor shall result from such work by others, and the Contractor shall indemnify and hold harmless the Contracting Agency and the Engineer from liability in the event of such Contractor claims for damages.

1-05.16 Water and Power *(New Section)*

In instances other than those specifically noted in the Contract Documents, the Contractor shall make all necessary arrangements for power and water. All costs thereof shall be borne by the Contractor and shall be incidental to the unit cost price for other bid items.

1-06 CONTROL OF MATERIAL

1-06.1 Approval of Materials Prior to Use

Supplement with the following:

1-06.1(5) Submittals - General Requirements *(New Section)*

The Contractor shall assemble and submit to the Contracting Agency and the Engineer project data, samples, and shop drawings as specified herein for review and checking to determine conformance with the intent of the Drawings and Specifications. The review and checking by the Contracting Agency and the Engineer will be specifically limited to the project data, samples, and shop drawings specified herein.

Project data, samples, and shop drawings shall be approved by the Engineer and the Contracting Agency prior to placement of purchase orders for equipment and materials. Equipment and materials that are constructed, installed, or incorporated prior to approval by the Engineer may not be accepted by the Owner and shall be removed by the Contractor when so ordered by the Engineer.

The review of project data, samples, and shop drawings by the Engineer and the Contracting Agency is only for conformance with the general design concept of the project and shall not relieve the Contractor from the obligation to fully perform all contract requirements, nor shall such review give rise to any right of action or suit in favor of the Contractor or third persons against the Engineer or the Contracting Agency.

1-06.1(6) Submittals – Specific Requirements *(New Section)*

The Contractor shall submit an electronic copy (in PDF format) of project data, samples, and shop drawings to the Contracting Agency for review with a transmittal form listing the material submitted with a reference to the section of the Special Provisions where the submittal is specified. Within one (1) week of review of the information submitted, the Contracting Agency will return an electronic

copy of the transmittal form and information submitted to the Contractor. The copies returned to the Contractor will be marked by the Engineer to indicate the results of their review, as follows:

- NO EXCEPTIONS TAKEN – Revision or resubmittal of data is not required.
- MAKE CORRECTIONS NOTED – Provide the material with the revisions noted.
- REVISE AND RESUBMIT – The data shall be revised as noted and resubmitted.
- REJECTED – The submittal does not meet the project Specifications for the reasons noted and a new submittal shall be made.

The Contractor shall submit project data and samples for equipment and materials that meet or exceed the requirements of the Specifications. Accordingly, it is considered reasonable that the Contractor provide project data and samples that are complete and acceptable, in the judgment of the Engineer, by the second submission of specific project data and samples. The Contracting Agency reserves the right to and will withhold such amount from payments due to the Contractor to cover the cost of review by the Engineer of third and subsequent submissions of specific project data and samples.

The Contractor's progress schedule according to Section 1-08.3 shall include time for the submittal of project data and samples and time for the re-submittal of project data and samples rejected by the Engineer.

1-06.4 Handling and Storing Materials

Supplement with the following:

The Contractor shall not store any materials, equipment, excavated material, or demolition debris within rights-of-way (ROWs) and/or easements, unless prior approval is given by the property owner. Staging and stockpile areas shall be approved by the Contracting Agency prior to construction.

Private properties shall be used by the Contractor only if the Contractor makes his or her own arrangements with the legal owner or owners of each property. Use and restoration of such property shall be in accordance with the stipulations of the agreement between the Contractor and the legal owner or owners of the property. Before using any private property, the Contractor shall file with the Contracting Agency's Representative a written permission of the property owner, and upon vacating the premises, the Contractor shall furnish the Contracting Agency's Representative with a release from all damages, properly executed by the property owner. The Contractor shall hold the Owner harmless from all lawsuits and actions of every kind and description that might result from use of private property.

Overnight storage of equipment, materials, trailers, and vehicles on or adjacent to public streets is prohibited, unless written approval is given by the agency responsible for the right-of-way. Overnight storage of equipment, materials, trailers, and vehicles within the project limits shall be approved by the Contracting Agency or its representative. If adequate storage space is not available at the site, the Contractor shall locate private property in the vicinity of the project and obtain permission from the property owner to store equipment, materials, trailers, and vehicles. Copies of permission granted by the property owner shall be provided to the Contracting Agency.

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.1 Laws to be Observed

Supplement with the following:

The Contractor shall be responsible for providing shoring and safety systems in accordance with the requirements of Sections 2-09 and 7-08 to protect workers from rocks and debris that may fall into excavations. The Contractor's safety systems and practices shall meet the requirements of applicable safety standards, codes, rules, and regulations, as outlined in the Standard Specifications.

Supplement with the following:

The status of the Contractor hereunder is that of an independent contractor and the Contractor shall not be construed to be an employee of Clallam County. As an independent contractor, the Contractor is not entitled to any benefits available to employees of Clallam County and the Contractor is responsible for withholding any monies required to be withheld from the Contractor's employees pursuant to local, state, or federal law including, but not limited to, worker's compensation, social security, taxes.

In the event that either the state or federal government determines that an employer-employee relationship exists rather than an independent contractor relationship such that Clallam County is deemed responsible for federal withholding, social security contributions and the like, the Contractor agrees to fully reimburse Clallam County for any payments made or required to be made by Clallam County. Should any payments be due to the Contractor pursuant to this agreement, the Contractor agrees that reimbursement may be made by deducting from such future payments a pro rata share of the amount to be reimbursed based upon the following formula:

$$\frac{\text{Total amount to be reimbursed}}{\text{Number of payments remaining}} = \text{Deduction from payment}$$

Notwithstanding a determination by the state or federal government that an employer-employee relationship exists, the Contractor, its officers, employees and agents, shall not be entitled to any benefits which Clallam County provides to its employees, including, but not limited to, vacation and medical benefits.

Supplement with the following:

In response to COVID-19, the Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP) in conformance with Section 1-07.4(2) as supplemented in these specifications, "COVID-19 Health and Safety Plan (CHSP)".

Supplement with the following:

With respect to the performance of this contract and as to claims against the County, its appointed and elected officers, agents, and employees, the Contractor expressly waives its immunity under

Title 51 of the Revised Code of Washington, the Industrial Insurance Act, as now or hereafter amended, for injuries to its employees and agrees that the obligations to indemnify, defend and hold harmless provided in this contract extend to any claim brought by or on behalf of any employee of the Contractor. This waiver is mutually negotiated by the parties to this contract.

1.07.2 State Taxes

Supplement with the following:

The work on this contract is to be performed upon lands whose ownership obligates the Contractor to pay State sales tax. The provisions of Section 1-07.2(1) apply.

1-07.4 Sanitation

1-07.4(2) Health Hazards

Supplement with the following:

The Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP). The CHSP shall be prepared and submitted as a Type 2 Working Drawing prior to beginning physical Work. The CHSP shall be based on the most current State and Federal requirements. If the State or Federal requirements are revised, the CHSP shall be updated as necessary to conform to the current requirements.

The Contractor shall update and resubmit the CHSP as the work progresses and new activities appear on the look-ahead schedule required under Section I-08.3(2)O. If the conditions change on the project, or a particular activity, the Contractor shall update and resubmit the CHSP. Work on any activity shall cease if conditions prevent full compliance with the CHSP.

The CHSP shall address the health and safety of all people associated with the project including State workers in the field, Contractor personnel, consultants, project staff, subcontractors, suppliers and anyone on the project site, staging areas, or yards.

The Contractor shall grant full and unrestricted access to the Contracting Agency for CHSP Inspections. The Contracting Agency (or designee) will conduct periodic compliance inspections on the project site, staging areas, or yards to verify that any ongoing work activities follow the CHSP plan. If the Engineer becomes aware of a noncompliance incident either through a site inspection or other means, the Contractor will be notified immediately (within 1 hour). The Contractor shall immediately remedy the noncompliance incident or suspend all or part of the associated work activity. The Contractor shall satisfy the Engineer that the noncompliance incident has been corrected before the suspension will end.

Payment will be made for COVID-19 Health and Safety Plan (CHSP) lump sum. The lump sum payment for the "CHSP" shall be full pay for all costs associated with creating and updating the accepted CHSP. When the written CHSP is accepted by the Contracting Agency, the Contractor shall receive 100% of the lump sum Contract price for the plan.

1-07.6 Permits and Licenses

Supplement with the following:

Copies of project permits are included in Appendix D-2. The Contractor is responsible for reviewing all permits to become familiar with the requirements. Copies of all permits and licenses obtained by the Contractor shall be delivered to the Contracting Agency prior to beginning any site work. The Contractor shall pay all fees associated with permits and licenses that the Contractor obtains, except as noted herein.

All work shall be performed in accordance with the requirements of the permits and licenses and with all additional requirements imposed by the permitting and licensing agencies during construction.

Permits that will be obtained by the Contracting Agency may include, but are not limited to:

1. Hydraulic Project Approval (HPA), issued by the Washington State Department of Fish and Wildlife (WDFW)
2. Permits required to meet other local regulations

The Contractor shall be responsible for removal of any fish from the work area prior to commencing work in the stream channel, as required by the HPA issued by WDFW. The Contractor shall prepare and submit a written Fish Removal Plan that describes the proposed steps to be taken, equipment to be used, and sequence for removing fish from the work area in coordination with the Contractor's Diversion and Care of Water Plan, per Section 1-07.15(1). The Contractor shall provide trained personnel, equipment, and labor to remove fish from the work area prior to dewatering the work area. The Fish Removal Plan shall be reviewed and approved by the Contracting Agency and WDFW prior to commencing work in the stream channel. The Contractor shall schedule and coordinate fish removal with WDFW. WDFW will be present during fish removal to observe and ensure that fish are safely relocated prior to work in the stream channel.

1-07.6(4) Payment (New Section)

Payment will be made for the following bid items:

Remove Fish from the Work Area	Lump Sum

The lump sum price for "Remove Fish from the Work Area" will be full payment for all labor, material, equipment, and other incidental costs required to prepare and implement the Contractor's Fish Removal Plan. This may include, but is not limited to, preparation of the Fish Removal Plan, coordination with WDFW for fish removal, coordination with the Contractor's Diversion and Care of Water Plan, and completion of the safe removal and relocation of fish from the work area prior to commencing work in the stream channel. All work completed as part of this item shall meet the requirements of the HPA issued by WDFW.

1-07.7 Load Limits

Supplement with the following:

If the sources of materials provided by the Contractor necessitate hauling over roads other than County roads, the Contractor shall, at no expense to the County, make all necessary arrangements for the use of the haul routes in compliance with the provisions under Section 1-07.7.

1-07.9 Wages

Supplement with the following:

The Contractor shall comply with all Federal and State of Washington minimum wage requirements. The Federal minimum wage requirements incorporated into this contract have been established by the Secretary of Labor under United States Department of Labor General Decision NO. WA 20210001. A copy of the current minimum wage requirements is included in Appendix D-3.

1-07.14 Responsibility for Damage

Supplement with the following:

The Contractor's obligation to indemnify, defend, and hold the Contracting Agency harmless under Section 1-07.14 of the Standard Specifications applies to the willful misconduct of the Contractor, its agents, and its employees, to the same extent as such obligation applies to the negligence of the Contractor, its agents, and its employees. With respect to the performance of this contract and as to claims against the Contracting Agency and its officers, agents, and employees only, the Contractor expressly waives its immunity as provided under the Industrial Insurance Act, Title 51 of the Revised Code of Washington (RCW), for injuries, death, or sickness to its employees and agrees that the obligation to indemnify, defend, and hold harmless, as provided for under Section 1-07.14 of the Standard Specifications extends to any claim brought by or on behalf of any employee of the Contractor. By entering into this agreement, the Contractor agrees that this waiver has been mutually negotiated by the parties.

The Contractor shall bear sole responsibly for damage to completed portions of the project or to property located outside the project limits caused by erosion, siltation, runoff, or other related items during the construction of the project. The Contractor shall also bear sole responsibility for any pollution of rivers, streams, groundwater, or other waters that may occur as a result of construction operations. The Contractor shall exercise all necessary precautions throughout the life of the project to prevent pollution, erosion, siltation, and property damage.

All traffic signs and street marking impacted by the work shall be replaced with new materials and/or signs. The Contractor shall also be responsible for replacing or repairing property damaged during construction in and around the project area, which may include, but is not limited to, fencing, driveways, irrigation pipe and equipment, and signs.

1-07.15 Temporary Water Pollution/Erosion Control

Supplement with the following:

All clearing and grading work shall meet the requirements set forth by Clallam County and those outlined by the Washington State Department of Ecology (Ecology) in the Stormwater Management Manual for Western Washington. Temporary Erosion and Sediment Control (TESC) measures shall be installed and operating prior to any grading or extensive land clearing. These controls must be satisfactorily maintained until construction and final stabilization/landscaping are complete. Additional erosion control measures may be required by the County, depending on site and weather conditions. Work performed during the wet season, October 1 through April 30, shall require a phased TESC Plan to limit the extent of soil exposure.

The Contractor shall be responsible for ensuring that precautions are taken to prevent any cement concrete or byproducts, asphalt concrete or byproducts, or any discharge from saw cutting from being discharged into any surface water system. In accordance with Ecology guidelines, wastewater from cement concrete, masonry, or asphalt concrete cutting operations shall not be discharged into storm drainage systems or surface waters. Wastewater from cutting operations increases the pH of streams and lakes. Therefore, filtering prior to discharge is NOT acceptable.

Wastewater shall be collected using a vacuum or pump and deposited into drums for disposal. Impervious surfaces contaminated with sediment and grit from cutting, planning, or pulverizing operations shall be cleaned to prevent contaminants from ever entering the storm drainage system or surface waters.

At the discretion of the County, work may be suspended during periods of inclement weather to reduce actual or potential erosion and/or sedimentation. When work is stopped or completed in an area, the County may require additional erosion control, including seeding or other measures.

All water runoff from any construction site being discharged to adjacent wetlands or surface drainages shall not exceed turbidity values that would result in non-compliance with receiving water quality standards in accordance with the National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit and Washington State Class AA water quality standards under Washington Administrative Code (WAC) 173-201A (generally not to exceed 5 nephelometric turbidity units [NTU] over background level). In addition, discharges shall meet the requirements of the Clean Water Act of 1972, WAC 173, and RCW 90.48.

The conceptual TESC Plan included with the Drawings recommends silt fencing to control the perimeter of the work site between the work site and the stream channel and installation of a rock construction entrance. Additional best management practices (BMPs) shall be implemented, as needed, to prevent the transport of sediment or discharge of sediment-laden water to McDonald Creek. Off-site streets shall be kept clean at all times. All ground cover shall remain undisturbed outside of clearing areas. Clearing limits shall be field-located and flagged, except where a silt fence is to be placed, as shown on the Drawings. Trees to remain shall be marked with flagging 5 feet outside of the drip line when adjacent to areas to be cleared.

Minimum Required BMPs for Base Level TESC

TESC BMPs to be used on this project may need to be supplemented or additional BMPs may be required (source and treatment controls) to achieve adequate protection and maintain permit compliance. Recommended BMPs include, but are not limited to:

1. Clearly flag the clearing limits and install silt fences where shown on the Contract Drawings and at other supplemental areas (e.g., stockpile areas) as required.
2. Install stabilized construction entrances at construction access points from paved public roadways to prevent tracking of sediment into the public road ROW. Add crushed rock to maintain existing driveways used for access to the site, as directed by the Contracting Agency's Representative or the Engineer.
3. Install silt fences and other sediment control devices where shown or at other required locations prior to the start of earthwork activities.
4. Install temporary diversion facilities needed to convey McDonald Creek through the project site during construction. Adjust or move temporary diversion facilities through each phase of construction, as needed to complete the work.
5. Route dewatering water and construction area runoff/run-on to dispersal areas approved by the Engineer. Test and confirm proper operation of dewatering and temporary runoff control facilities prior to storm events.
6. Staging and temporary stockpile areas shall be contained on site unless approved by the County. Staging and temporary stockpile of materials on WSDOT property shall be approved by WSDOT.
7. Install temporary cover measures on unworked soils during construction. From October 1 to April 30, no unworked soil shall remain exposed for more than 48 hours (including all calendar days, holidays, and Sundays). From May 1 through September 30, no unworked soil shall remain exposed for more than 7 days, although supplemental measures may be required during storm events. Temporary cover measures may include straw mulch, plastic sheeting, polyacrylamide (PAM) or other acceptable soil-strengthening agent, and/or hydroseeding as approved by the County.
8. Maintain erosion control facilities. Remove accumulated silt behind silt fencing prior to removal and dispose of it in accordance with all applicable local, state, and federal laws.
9. Provide for the cleaning of all surfaced roadways as a result of the execution of the work of this project. Flushing shall not be used. Vacuum type sweepers are required.
10. Take necessary precautions to prevent any cement concrete or by-products, asphalt concrete or byproducts, or any discharge from saw cutting from being discharged into any storm drain or surface water system.
11. Install permanent cover measures for complete soils stabilization as soon as possible after earthwork operations are completed.

1-07.15(1) Spill Prevention, Control and Countermeasures Plan

Delete this section in its entirety and replace with the following:

The Contractor shall prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan to be used for the duration of the project. The plan shall be submitted to the Contracting Agency prior to the commencement of any construction activities. A copy of the plan with any updates shall be maintained at the work site by the Contractor.

The SPCC Plan shall identify construction planning elements and document potential spill sources at the site. The plan shall outline response actions in the event of a spill or release and shall document notification and reporting procedures. The plan shall also outline Contractor management elements such as personnel responsibilities, project site security, site inspections, and training.

The plan shall outline what measures shall be taken by the Contractor to prevent the release or spread of the following:

- Any hazardous materials found on site and encountered during construction, but not identified in the contract documents.
- Any hazardous materials that the Contractor stores, uses, or generates on the construction site during construction activities. These items include, but are not limited to, gasoline, oils, and chemicals.

"Hazardous material," as referred to within this Specification, is defined in RCW 70.105.010 under "Hazardous Substance."

The SPCC Plan shall also include, at a minimum, the following project-specific information:

- Introduction
- SPCC Plan elements
- Site information
- Management approval
- Site description
- Planning and recognition
- Spill prevention and containment
- Spill response
- Reporting
- Program management
- Attachments:
  - A – Emergency Action Plan
  - B – Site Plan
  - C – Inspection and incident report forms

1-07.15(2) SWPPP and Diversion and Care of Water Plan *(New Section)*

The Contract Drawings provide a conceptual TESC Plan. The Contractor shall submit a detailed TESC and Diversion and Care of Water (DCW) Plan as part of a Stormwater Pollution Prevention Plan (SWPPP) consistent with local and state standards (Ecology Stormwater Management Manual for Western Washington) and the NPDES Construction Stormwater General Permit. The SWPPP, including TESC and DCW Plans, shall be submitted to the Contracting Agency for the Engineer's review and acceptance prior to initiation of construction. The SWPPP shall be developed for specific construction activities required by this Contract and includes a detailed description of the methods; sequencing; proposed types and quantities of materials; and schedule of implementation, inspection, maintenance, and BMP installation and removal in accordance with Section 1-07.15. A copy of the SWPPP with any updates shall be maintained at the work site by the Contractor.

The SWPPP shall address the following items as a minimum:

- Management of oil, gasoline, and solvents used in the operation and maintenance of on-site vehicles and machinery.
- Waste disposal methods and locations, including identifying areas and methods for decanting and handling of excavated material.
- Plan for site access, including layout and details of the temporary access to the work areas, ground protection for the temporary access roads, and stabilized rock construction entrances.
- A water control plan (see Section 2-09.3(6)) documenting methods, locations, and details associated with dewatering excavations, including diversion of McDonald Creek during construction, controlling site runoff and run-on, temporary water collection, pumping and conveyance/dispersal piping, water quality protection measures, and permits and necessary approvals to execute the work.
- Details for all BMPs proposed by the Contractor.
- Plan for implementation of TESC and water control contingency measures under emergency situations, including a list of materials provided for dealing with such situations, such as spare pumps, surplus erosion control materials, and temporary BMP devices. Emergency situations include, but are not limited to, extreme or unseasonable weather conditions, equipment failure, power outage, and human error.

The DCW Plan shall address the following items as a minimum:

1. Description of proposed groundwater and surface water control facilities including, but not limited to, equipment, methods, standby equipment and power supply, pollution control devices, and flow monitoring.
2. Drawings and Specifications for systems and equipment to be used to control, remove, and bypass water around construction site, including details for diverting McDonald Creek through the project site to allow for the completion of in-channel work; drawings shall show the locations, dimensions, and relationship of elements of each system.
3. Design calculations demonstrating adequacy of proposed dewatering and water diversion systems and system components; provide assessment of potential for dewatering-induced settlement.
4. Water disposal method, including location, copy of any required discharge permits, discharge permit requirements, and water treatment facilities and procedures, if any.
5. Inclusion of requirements set by the clearing and grading permit issued by the County.

The Engineer's review and any resulting acceptance of the Contractor's SWPPP (including TESC and DCW Plans) will apply only to conformance with the Specification requirements. The Contractor shall be solely responsible for the adequacy of the plan. If additional pollutant control measures in deviation or in addition to those described in the Contractor's plan become necessary to minimize erosion and prevent discharge of unacceptable levels of sediment and other pollutants, the Contractor shall prepare and submit a revised plan to the Contracting Agency for the Engineer's review and acceptance.

The Contracting Agency will not be liable to the Contractor for failure to accept all or any portion of an originally submitted or revised SWPPP, nor for any delays to the work due to the Contractor's failure to submit, gain approval for, and implement an acceptable plan.

1-07.15(3) Soil Stabilization *(New Section)*

Disturbance Limitations

It is the Contractor's responsibility to minimize subgrade disturbance during construction activities. If, in the opinion of the Engineer, the methods being used by the Contractor are resulting in excessive disturbance, the Engineer may require that alternate methods be used. Excessive disturbance includes severe rutting of the subgrade by construction traffic and "boiling" subgrade conditions due to cuts made below groundwater level.

Soil Stabilization Requirements

All exposed and worked soils shall be stabilized by application of BMPs. From October 1 through April 30, no soils shall remain unstabilized for more than 2 days. From May 1 through September 30, no soils shall remain unstabilized for more than 7 days. All surface water leaving the site shall pass through a temporary sedimentation device or through other appropriate BMPs acceptable to the Engineer.

All areas that cannot be permanently stabilized within the time periods specified previously shall be stabilized with mulching, seeding, erosion control fabric, or plastic covering. Refer to Section 8-02 of the Standard Specifications for erosion control matting, mulching, and seeding requirements.

1-07.15(4) Payment (New Section)

Payment will be made for the following bid items:

Temporary Water Pollution/Erosion Control	Lump Sum
Diversion and Care of Water	Lump Sum

The lump sum price for "Temporary Water Pollution/Erosion Control" will be full payment for all labor, material, equipment, and other incidental costs required to prepare and implement the SWPPP/TESC/DCW and SPCC Plans described in Sections 1-07.15(1), (2), and (3), and to implement the required temporary erosion and sedimentation control, soil stabilization, and spill control/protection BMP measures. This may include, but is not limited to, installation, monitoring, and maintenance of the following items: stabilized construction entrances; sediment retention/capture devices; temporary cover measures; site access, street sweeping, collection and disposal of wastewater from asphalt and concrete cutting operations; and other work necessary to meet the Contract Documents and permit requirements pertinent to temporary water pollution and erosion control, and not otherwise shown as a separate payment item.

The lump sum price for "Diversion and Care of Water" will be full payment for all labor, material, equipment, and other incidental costs required to implement the DCW plan described in Sections 1-07.15(1), (2), and (3). This may include, but is not limited to, installation, monitoring, and maintenance pumps, piping, and other temporary facilities needed for construction area water management and discharge; installation of temporary cofferdams, piping, and other facilities needed to divert McDonald Creek for channel restoration work; and other work necessary to meet the

Contract Documents and permit requirements pertinent to the diversion and care of water, and not otherwise shown as a separate payment item.

1-07.16 Protection and Restoration of Property

Supplement with the following:

Trespassing
The Contractor shall not trespass upon private property and shall be responsible for all injury or damage to persons or property, directly or indirectly, resulting from its operations in completing this work.

Laws
The Contractor shall comply with the laws and regulations of the County, and state and federal governments, relating to the safety of persons and property, and will be held responsible for and required to make good any injury or damage to persons or property caused by carelessness or neglect on the part of the Contractor or subcontractor(s), or any agent or employee of either during the progress of the work and until its final acceptance.

All work shall be done in conformance to the Specifications and shall be incidental to the other items in the contract.

1-07.17 Utilities and Similar Facilities

Supplement with the following:

Other utilities of record have been shown on the construction Drawings insofar as it has been possible to do so. These, however, are shown for convenience only and the Contracting Agency assumes no responsibility for improper locations or failure to show utility locations on the construction Drawings. The locations of other utilities, as shown on the Drawings, are approximate only, and the Contractor shall be responsible for determining their exact locations to avoid damage to the utilities. The Contractor shall check with utility owners concerning any possible conflict prior to commencing excavation in any area, as not all utilities may be shown on the Drawings.

The Contractor shall call the Utility Location Request Center (One Call Center) for field location not less than 2 business days, and not more than 10 business days before the scheduled date for commencement of excavation that may affect underground utility facilities, unless otherwise agreed upon by the parties involved. A business day is defined as any day other than Saturday, Sunday, or a legal local, state, or federal holiday. The telephone number for the One Call Center for this project is **811** or **1-800-424-5555**. The Contractor is also warned that there may be utilities on the project that are not part of the One Call System. If the One Call Center is not obtainable, notice shall be provided to the individual utility owners of the Contractor's intent to excavate.

The Contractor is alerted to the existence of RCW 19 Business Regulations – Miscellaneous, Chapter 19.122 Underground Utilities (http://slc.leg.wa.gov/). Any cost to the Contractor incurred as a result of this law shall be at the Contractor's expense. The Contractor shall be responsible for any breakage of utilities or services resulting from its operations and shall hold the Contracting Agency

and its consultants and agents harmless from any claims resulting from disruption of or damages to same.

The Contractor shall be entirely responsible for coordination with the utility companies and for arranging for the movement or adjustment, either temporary or permanent, of their facilities within the project limits.

Private utilities, or their contractors, will furnish all work necessary to adjust, relocate, replace, or construct their facilities unless otherwise provided for in the Drawings. Relocation and replacement of public utilities (e.g., water and sewer services) where required to construct the work shall be done by the Contractor. Such costs shall be considered to be incidental to the other items of the Contract, unless a specific bid item for the work is provided.

All existing utilities shall be maintained in continuous service during the Contractor's operations, unless the Contractor receives written approval from the utility owner for interruption of service. All work by the Contractor adjacent to or in the vicinity of existing utilities shall be performed in accordance with the requirements of the utility owners. The Contractor shall pay all permit, inspection, and other fees levied by the utility owners.

The Contractor shall anticipate that the requirements of the owners of existing utility systems may hinder, delay, and complicate execution of the work. The Contractor shall not be entitled to any claim for damages because of hindrances, delays, and complications caused by or resulting from requirements imposed by the owners of the utility systems. Potholing shall be the Contractor's responsibility and will be incidental to the cost of the pipe installation.

1-07.17(3) Temporary Irrigation Supply *(New Section)*

The Contractor's attention is called to the need to maintain water supply to the AID delivery system throughout the irrigation season, from April 15 through September 15. Due to the overlap between the in-water work window permitted by the HPA and the irrigation season, it is anticipated that the Contractor will need to continue to maintain diversions of water from McDonald Creek to AID through the existing irrigation diversion canal during the early phase of the construction work. The Contractor shall coordinate the work with AID and shall provide temporary piping and other equipment needed to maintain a continuous supply of irrigation water to the AID delivery system throughout construction.

The Drawings provide a conceptual plan for temporary water supply facilities to be incorporated with temporary diversion facilities needed to divert McDonald Creek through the project site to accommodate in-channel work. The plan recommends a phased approach that will require diversion of the stream and water for irrigation through the irrigation diversion canal during the irrigation season while construction is initiated and work is completed in the stream channel, and then diversion of water to the left side of the improved stream channel, following the irrigation season, while the fish screening and passage structure is completed and work is completed on the irrigation facilities on the right bank of McDonald Creek.

The Contractor shall be fully responsible for maintaining water supply to AID and shall prepare and submit their own temporary water supply plan to the Contracting Agency for review and approval by AID and the Engineer prior to any interruption of flow from McDonald Creek to the existing irrigation delivery system. The temporary water supply plan shall identify all equipment, methods, and means to be employed to maintain water supply to the AID delivery system throughout the irrigation season. The temporary water supply plan shall provide a detailed schedule for any interruption of the flow of water from McDonald Creek to AID in the existing irrigation diversion canal and the installation, testing, and operation of temporary facilities needed to maintain water supply throughout the irrigation season. The Contractor shall not interrupt flow from McDonald Creek to the AID delivery system through the existing diversion facilities without written approval from AID and the Contracting Agency.

Temporary water supply facilities shall comply with all applicable permit requirements. The facilities shall be capable of maintaining a continuous flow of up to 3.5 cubic feet per second (cfs) (1,600 gpm) to the AID delivery system. The existing AID delivery system operates by gravity, with operations spills and overflows to safely convey excess water back to surface water bodies. The temporary water supply facilities shall be installed so that excess water can be conveyed safely back to McDonald Creek. The temporary water supply facilities shall also be installed to protect the site from erosion caused by discharge from the temporary water supply facilities.

Payment will be made for the following bid item:

Temporary Water Supply to AID	Lump Sum

The lump sum price for "Temporary Water Supply to AID" will be full payment for all labor, material, equipment, and other incidental costs required to coordinate temporary water supply with AID and the Contracting Agency and prepare and implement the temporary water supply plan, as described herein. This may include, but is not limited to, installation, monitoring, operation, and maintenance of temporary piping and other facilities needed to maintain a continuous supply of water from McDonald Creek to the AID delivery system throughout the irrigation season.

1-07.18 Public Liability and Property Damage Insurance

Supplement with the following:

Without altering the terms of Section 1-07.8 of the Standard Specifications, except as set forth in these specifications, the Contracting Agency, its offers, and employees shall be named as additional insureds in a policy with the same company which insures the Contractor, or by endorsement to an existing policy or, with a separate carrier approved pursuant to RCW 48. Written evidence of the required coverage in the form of a certificate of insurance with the applicable endorsements attached or, at the County's request, a copy of the policy and endorsements shall be mailed to the Contracting Officer's Representative.

1-07.23 Public Convenience and Safety

Supplement with the following:

The Contractor shall be responsible for providing signage, temporary fencing, or other safety systems needed to protect the public during construction.

1-08 PROSECUTION AND PROGRESS

1-08.3 Progress Schedule

Replace the first paragraph with the following:

The Contractor shall submit a preliminary progress schedule (first 30 working days) to the Engineer no later than 5 (five) calendar days after the date the Contract is executed. This preliminary schedule shall show work to be performed during the first 30 working days of the Contract.

Replace the first sentence of the second paragraph with the following:

The Contractor shall submit five (5) copies of the progress schedule (total working days) to the Contracting Agency's Representative no later than 10 calendar days after the date the Contract is executed. An electronic copy may be submitted in lieu of hard copies if this format is approved by the Contracting Agency.

1-08.3(6) Pre-Construction Conference *(New Section)*

The pre-construction conference attended by the Contractor and subcontractors will be held within 5 working days of the execution of the Contract at the Contracting Agency's convenience. The conference will be held to discuss, among other considerations, the responsibilities of the Contractor and its subcontractors in performance and progress of the work.

Construction work shall not begin on the site until the preliminary progress schedule has been received.

1-08.4 Prosecution of Work

Modify the following:

The first sentence of the first paragraph of Section 1-08.4 is revised to read:

The Contractor shall begin work within 7 (seven) calendar days from the date of execution of the contract by the Contracting Agency, unless otherwise approved in writing.

1-08.5 Time for Completion

Supplement with the following:

The work shall be completed within 90 calendar days of a Notice to Proceed, or no later than October 15, 2023, whichever comes later. The project shall be completed on a schedule that will

allow for continuous water supply to the AID delivery system during the irrigation season (April 15 through September 15), as outlined in Section 1-07.17(3). Either the existing irrigation diversion facilities or temporary irrigation water supply facilities shall be operational during the irrigation season. The Contractor shall coordinate and schedule his work with AID to minimize impact to existing irrigation operations. If temporary water supply facilities are approved, the temporary water supply facilities shall be sized to deliver adequate water supply to meet irrigation needs, as determined by AID (up to 3.5 cfs). The project shall also meet the requirements for work below the Ordinary High-Water Mark (OHWM), as outlined in the HPA included with the permits in Appendix D-2. The HPA restricts the timing of work in the stream channel (below the OHWM).

1-08.9 Liquidated Damages

Supplement with the following:

Liquidated damages shall be calculated as outlined in the Contract included in Part B – Contracting Requirements. If not specified, liquidated damages shall be as outlined in Section 1-08.9 of the Standard Specifications and equal to $800 per day for each calendar day required to complete the work beyond allowed number of days or the deadline for completion outlined in Section 1-08.5 Time for Completion.

1-09 MEASUREMENT AND PAYMENT

1-09.1 Measurement of Quantities

Supplement with the following:

General
The unit and lump sum bid prices listed in the Bid Schedule for the various bid items shall include all costs for all labor, equipment, materials, and all incidentals and appurtenances necessary to complete the work in accordance with the Contract Documents and to make the project complete and operable.

Payment will be made only for the specific bid items listed in the Bid Schedule. No separate or additional measurement or payment will be made for any and all other work and materials necessary to complete the project. All work and materials not specifically included in the bid items listed in the Bid Schedule shall be considered incidental to one of the bid items listed and shall be included in the various unit or lump sum bid prices.

Quantities shown for the unit price bid items in the Bid Schedule are approximate and shall not be considered indicative of the actual quantities required. The amount paid shall be based on the actual quantity incorporated into the work and the requirements for measurement set forth in "Unit Price Items" below.

Unit Price Items
Where items are specified to be paid for by weight, the following system will be used:

Each truck shall be clearly numbered to the satisfaction of the Engineer and there shall be no duplication of numbers. Truck tickets shall be submitted for each truckload of material delivered to the project. The tickets shall bear at least the following information:

1. Truck number
2. Ticket serial number
3. Truck tare weight (stamped at source)
4. Gross truck load weight (stamped at source)
5. Net load weight (stamped at source)
6. Weigher's identification
7. Project number

It will be the Contractor's responsibility to see that a certified weight ticket is given to the Inspector on the project at the time of delivery of materials for each truckload delivered. If the inspector is not on site at the time of delivery, the Contractor shall send a copy of the weight ticket to the inspector within 24 hours of delivery. Pay quantities will be prepared on the basis of tally tickets collected. Tickets not collected by the inspector may not be honored for payment.

1-09.6 Force Account

Supplement with the following:

Force Account	Estimate

To provide a common basis for all bidders, the Owner has established in the proposal a dollar value for all items to be paid by force account. All such items are to become a part of the Contractor's total bid. However, the Owner does not warrant expressly or by implication that the actual amount of work will correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by the Owner.

1-09.7 Mobilization

Replace with the following:

Mobilization/demobilization shall include, but not be limited to, the following items: the movement of the Contractor's personnel, equipment, supplies, and incidentals to and from the project site; the establishment of the Contractor's office, buildings, and other facilities necessary for work on the project; providing sanitary facilities for the Contractor's personnel; obtaining permits or licenses not furnished by the Contracting Agency required to complete the project; and other work and operations that must be performed or costs that must be incurred.

Payment will be made for the following bid item:

Mobilization/Demobilization	Lump Sum

END DIVISION 1

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DIVISION 2 – EARTHWORK

2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP

2-01.1 Description

Supplement with the following:

This section covers clearing and grubbing the site. Clearing includes, but is not limited to, removing and disposing of all trees, stumps, brush, rubbish, and debris in the work areas, except those objects shown on the Drawings or designated by the Engineer to remain. Clearing outside these limits will not be permitted. Grubbing includes, but is not limited to, removing and disposing of all stumps, roots, buried items, and vegetative matter in the work area. All work areas will be grubbed a minimum of 12 inches below final excavation lines and grades or until all organic matter is removed.

2-01.2 Disposal of Usable Material and Debris

Supplement with the following:

Disposal shall be by Disposal Methods No. 1, 2, or 3 outlined in Sections 2-01.2(1) through 2-01.2(3) of the Standard Specifications, except that for Method No. 3, wood chips shall be stockpiled on site for reuse as mulch. The disposal method shall be approved by the Contracting Agency and the County prior to execution. All cleared brush piles containing invasive species shall be disposed of by Methods No. 1 or 2 at a permitted site acceptable to the Contracting Agency. Disposal by Method No. 1 will only be permitted with approval of the Contracting Agency and consistent with Section 2-01.2(1) of the Standard Specifications.

2-01.3 Construction Requirements

Supplement with the following:

The Contractor shall limit disturbance to the clearing limits shown on the Drawings. The disposal of all material shall be the responsibility of the Contractor. Items designated on the Drawings to be removed or salvaged by others will be removed prior to commencement of the work. These items include aboveground flow monitoring equipment, which will be removed by the Washington State Department of Ecology (Ecology), and items related to the existing head gate structure, fish screen, and paddle wheel. The Contractor shall coordinate with AID, Ecology, WDFW, and the Contracting Agency to make sure these items have been removed prior to commencing clearing activities. Additional items deemed by the Contracting Agency, Engineer, or Owner to be salvageable material shall be the property of the Owner and shall, upon removal, be immediately loaded, hauled to a location designated by the Owner, carefully unloaded, and neatly stacked or stored. Where tree removal is required and timber is deemed salvageable by the Contracting Agency's Representative, the Contractor shall cut, stack, and deliver timber to a location designated by the Contracting Agency. If the Contracting Agency's Representative determines that timber is not salvageable, the Contractor shall dispose of the timber in accordance with Section 2-01.2.

2-01.4 Measurement

Delete the first paragraph and replace it with the following:

Measurement for "Clearing and Grubbing" will be per acre for those areas indicated to be cleared and grubbed within the neat lines shown on the Drawings and as directed by the Contracting Agency's Representative.

2-01.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Clearing and Grubbing	Per Acre

The per acre unit bid price for "Clearing and Grubbing" shall be full payment for furnishing all materials, tools, labor, and equipment to complete all clearing and grubbing work as described in the Specifications and shown on the Drawings.

All costs in connection with restoration and cleanup within the work and staging limits shall be considered incidental to the construction and included in the unit Contract price of other bid items.

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.1 Description

Supplement with the following:

This work shall consist of the removal and disposal (or salvage as noted) of the existing Denil fish ladder, canal lining, fish screen structure, bypass pipeline, head gate structure, overflow structure, buried gabion baskets, and other obstructions within the clearing area limits. Work shall also consist of sawcutting and removing portions of the existing diversion dam to improve fish passage, as shown on the Drawings.

2-02.3 Construction Requirements

Supplement with the following:

Items designated on the Drawings to be removed or salvaged by others will be removed prior to commencement of the work. These items include aboveground flow monitoring equipment and items related to the existing head gate structure, fish screen, and paddle wheel. The Contractor shall coordinate with AID, Ecology, WDFW, and the Contracting Agency to make sure these items are removed before demolition of the existing fish screen structure and associated appurtenances. Additional items deemed by the Contracting Agency, Engineer, or Owner to be salvageable material shall be the property of the Owner and shall, upon removal, be immediately loaded, hauled to a location designated by the Owner, carefully unloaded, and neatly stacked or stored.

The fish screen, paddle wheel, and associated equipment shall be carefully removed under the direction of WDFW and loaded onto a WDFW truck for transport by WDFW to their screen shop for maintenance. The Contractor shall coordinate removal and transport of the fish screen, paddle wheel, and associated equipment with WDFW. WDFW will return the fish screen for installation in the new fish screening and passage structure.

Above-ground flow monitoring equipment, including panels, conduit, dataloggers, and other equipment, will be removed by Ecology prior to demolition of the fish screening structure and appurtenances. Ecology will also remove all cables, transducers, and other instrumentation. The Contractor shall be responsible for removing all buried conduit associated with the flow monitoring equipment and shall coordinate removal of flow monitoring equipment with Ecology.

All other material will become the property of the Contractor and shall be removed from the project and disposed of at a site identified by the Contractor and approved of by the Contracting Agency's Representative. Disposal of all materials shall be in accordance with applicable state and local regulations.

Structures and materials that are not identified for removal on the Drawings or in the Specifications shall remain in place, unless otherwise designated by the Contracting Agency's Representative or the Engineer. The Contractor shall be responsible for protecting existing structures and materials that are shown on the Drawings or designated by the Contracting Agency's Representative to remain. Damaged structures and other items that are designated to remain shall be repaired or replaced by the Contractor at no additional cost to the Contracting Agency.

2-02.4 Measurement *(New Section)*

Delete the first paragraph and replace it with the following:

No measurement shall be made for payment of "Remove Existing Denil Fish Ladder," "Remove Existing Fish Screen Structure and Bypass Pipeline," "Remove Existing Head Gate and Overflow Structures," "Remove Existing Gabions from Stream Bank," "Remove Other Miscellaneous Structures and Obstructions," or "Sawcut and Remove Portions of Existing Dam" because these items will be paid on a lump sum basis.

2-02.5 Payment

Replace with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid items:

Remove Existing Denil Fish Ladder	Lump Sum
Remove Existing Fish Screen Structure and Bypass Pipeline	Lump Sum
Remove Existing Head Gate and Overflow Structures	Lump Sum
Remove Existing Gabions from Stream Bank	Lump Sum

Remove Other Miscellaneous Structures and Obstructions	Lump Sum
Sawcut and Remove Portions of Existing Dam	Lump Sum

The lump sum price for "Remove Existing Denil Fish Ladder" shall be full payment for furnishing all materials, tools, labor, and equipment for sawcutting and removal of concrete and removal, haul, and disposal of the existing Denil fish ladder, as needed to complete the work shown on the Drawings.

The lump sum price for "Remove Existing Fish Screen Structure and Bypass Pipeline" shall be full payment for furnishing all materials, tools, labor, and equipment for removal and storage of the existing fish screen, paddle wheel, and other appurtenances, as directed by WDFW; removal, haul, and disposal of buried flow monitoring equipment; and removal, haul, and disposal of the existing fish screen structure, security fencing, bypass pipeline, and other equipment, as needed to complete the work shown on the Drawings.

The lump sum price for "Remove Existing Head Gate and Overflow Structures" shall be full payment for furnishing all materials, tools, labor, and equipment for removal, haul, and delivery or disposal of the existing concrete, head gate, grating, and timber structures, as needed to complete the work shown on the Drawings.

The lump sum price for "Remove Existing Gabions from Stream Bank" shall be full payment for furnishing all materials, tools, labor, and equipment for removal, stockpiling of gabion rock for reuse, and haul and disposal of gabion baskets and excess material, as needed to complete the work shown on the Drawings.

The lump sum price for "Remove Other Miscellaneous Structures and Obstructions" shall be full payment for furnishing all materials, tools, labor, and equipment for removal and disposal of conduit, pipe, and other miscellaneous obstructions not specifically identified as part of the work included in other bid items, as needed to complete the work shown on the Drawings.

The lump sum price for "Sawcut and Remove Portions of Existing Dam" shall be full payment for furnishing all materials, tools, labor, and equipment for sawcutting and removal, haul, and disposal of concrete needed to modify and lower the notch in the existing diversion dam, as shown on the Drawings.

2-06 SUBGRADE PREPARATION

2-06.1 Description

Replace with the following:

This work shall consist of preparing the subgrade for placement of a foundation layer under the diversion pipeline and structures.

2-06.3 Construction Requirements

Supplement with the following:

Remove all unstable, soft, weak, or loose debris; clods; and other deleterious material from the subgrade for hydraulic structures to expose firm soil or rock to the depth and extent as directed by the Contracting Agency's Representative or the Engineer. Do not over-excavate unless directed by the Engineer. Backfill authorized over-excavation with gravel backfill, as specified in Section 2-09.3(1)C.

2-06.5 Payment

Replace with the following:

No separate measurement or payment shall be made for subgrade preparation. All Contractor costs for subgrade preparation shall be incidental to the unit price bid item for the structure or pipe for which the work is required, in accordance with Section 7-08.5.

2-09 STRUCTURE EXCAVATION

2-09.1 Description

Supplement with the following:

This work shall consist of excavation; installation, maintenance and removal of shoring; and placement and compaction of backfill and foundation material for the structures shown on the Drawings.

2-09.2 Materials

Supplement with the following:

Materials shall meet the requirements of the following section:

1. Gravel Backfill for Foundations Class A 9-03.12(1)A of the Standard Specifications

2-09.3 Construction Requirements

2-09.3(1) General Requirements

2-09.3(1)C Removal of Unstable Base Material

Supplement with the following:

Do not over-excavate unless directed by the Engineer. Backfill authorized over-excavation with gravel backfill for foundations, according to Section 9-03.12(1)A of the Standard Specifications, as directed by the Contracting Agency's Representative or the Engineer.

2-09.3(1)F Items to Remain
Supplement with the following:

Structures and materials that are not identified for removal on the Drawings or in the Specifications shall remain in place, unless otherwise designated by the Contracting Agency's Representative or the Engineer. The Contractor shall be responsible for protecting existing structures and materials that are shown on the Drawings or designated by the Contracting Agency's Representative or the Engineer to remain.

2-09.3(4) Construction Requirements, Structure Excavation, Class B

Supplement with the following:

Excavation for structures to be installed as part of the project shall provide at least 1 foot of clearance between the neat lines of the outside surfaces of the structure and the undisturbed earth bank. Shoring shall be required for all structure excavations more than 4 feet deep, unless otherwise approved by the Contracting Agency's Representative or the Engineer. All shields and trench boxes shall be certified by the manufacturer as complying with the applicable laws and regulations for such devices. The Contractor shall also be responsible for the safety of workers in accordance with Section 1-07.1. The Contractor shall provide necessary safety systems to protect workers from rocks and debris that may fall into excavations.

2-09.3(5) Removal of Water *(New Section)*

2-09.3(5)A General Requirements
The Contractor shall drain or otherwise dewater all structural excavations to a minimum of 1 foot below the subgrade elevations for all graded areas to allow construction to be performed in the dry. Dewatering equipment shall be furnished to keep the excavation free of water continuously from the time excavation is begun until backfill is completed. Dewatering shall meet the requirements of the County. Coordinate dewatering with the SWPPP, including TESC and DCW Plans, specified in Section 1-07.15.

Disposal of water shall be in a manner that will not harm or damage adjacent property or the downstream surface waters or drainage system. The primary disposal option is dispersed discharge within the project limits for infiltration. Other options may include treatment and return to downstream drainages. The Contractor shall comply with local, state, and federal laws and permit conditions regarding sedimentation and water quality control from dewatering water discharge. The dewatering shall be accomplished in a manner that prevents loss of fines and maintains the stability of the excavated slopes and the bottom of the excavation. Dewatering water shall not be discharged directly to any wetland, stream, or lake and shall not contain sediment larger than 0.075 millimeter (mm) or exceed Washington State Water Quality Standards. Upon completion of the construction, remove the systems and restore the areas affected to their original conditions.

Protect the work and the excavation from the entry of surface drainage. Continuously control water during the course of construction, including without limitation, weekends, holidays, and times of work stoppages, and provide adequate backup systems to maintain control of water.

Obtain a discharge permit for water disposal from authorities having jurisdiction. Treat water collected by dewatering operations prior to discharge, as required by regulatory agencies. Discharge water as required by the discharge permit and in a manner that will not cause erosion or flooding, or otherwise damage existing facilities, completed work, or adjacent properties. Remove solids from treatment facilities and perform other maintenance of treatment facilities as necessary to maintain their efficiency and sufficient dewatering capacity.

2-09.4 Measurement

Supplement with the following:

No measurement shall be made for payment of "Excavate for Reinforced Concrete Structures" or "Place and Compact Native Backfill Around Structures" because these items will be paid on a lump sum basis.

2-09.5 Payment

Replace with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid items:

Excavate for Reinforced Concrete Structures	Lump Sum
Place and Compact Native Backfill for Structures	Lump Sum

The lump sum price for "Excavate for Reinforced Concrete Structures" shall be full payment for furnishing all materials, tools, labor, and equipment needed to excavate to subgrade for installation of structural backfill and reinforced concrete to complete construction of all reinforced concrete structures, as shown on the Drawings.

The lump sum price for "Place and Compact Native Backfill for Structures" shall be full payment for furnishing all materials, tools, labor, and equipment needed to prepare and compact native subgrade material below the foundation of proposed reinforced concrete structures and place and compact native backfill against the walls of new and existing reinforced concrete structures to finished grade, as needed to complete the work shown on the Drawings.

Excavation required for the removal and disposal of existing culverts and structures shall be included in the lump sum price for "Removal of Structures and Obstructions" in accordance with Section 2-02.5.

Payment for dewatering of structural excavations, including all labor, materials, equipment, and other incidental costs for the control, removal, conveyance, treatment, and disposal of water encountered in excavations and the development of an acceptable DCW Plan shall be included in the lump sum price for "Diversion and Care of Water" in accordance with Section 1-07.15(4).

2-11 TRIMMING AND CLEANUP

2-11.1 Description

Supplement with the following:

This work shall consist of:

1. Cleaning finished surfaces of weeds, brush, refuse, and debris
2. Removing loose rocks from finished surfaces
3. Restoring fences, posts, mailboxes, and other private property
4. Removal of flagging, temporary fencing, silt fences, rock entrances, and other temporary construction facilities

As shown on the Drawings or as directed by the Contracting Agency's Representative.

2-11.3 Construction Requirements

Supplement with the following:

The Contractor shall clean and restore finished surfaces to match their existing condition, as directed by the Contracting Agency's Representative. The Contractor shall remove all weeds, brush, refuse, debris, and loose rocks from finished surfaces. The Contractor shall also remove all flagging, construction fencing, temporary erosion and sediment control features, and other temporary facilities. Finished surfaces shall be raked and suitable for mowing with a conventional lawn mower or stabilized, where indicated, with crushed rock surfacing.

2-11.4 Measurement

Supplement with the following:

No measurement shall be made for "Final Cleanup" as it will be paid lump sum.

2-11.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Final Cleanup	Lump Sum

The lump sum price for "Final Cleanup" shall be full payment for furnishing all materials, tools, labor, and equipment to complete final cleanup of the site as shown on the Drawings or directed by the Engineer.

2-14 EXCAVATION AND PLACEMENT OF STREAMBED MATERIALS (New Section)

2-14.1 Description

This work shall consist of excavating, stockpiling, and placing native streambed materials and furnishing and placing imported streambed materials, as indicated on the Drawings. Native material shall be excavated, stockpiled, and reused, where possible, as part of the project elements. Additional material shall be imported, as needed, to complete restoration of the stream channel, as shown on the Drawings.

2-14.2 Materials

Native and imported streambed materials shall meet the requirements for Streambed Cobbles, per Section 9-03.11(2) of the Standard Specifications, or Streambed Boulders, per Section 9-03.11(3) of the Standard Specifications.

Boulders larger than 24 inches in maximum dimension shall be left in place or relocated, as directed by the Engineer. Streambed cobbles that meet the requirements of the specifications shall also be stockpiled and reused, as directed by the Engineer. Native streambed materials shall be approved by the Contracting Agency's Representative or the Engineer before placement. Where native streambed materials are deemed unsuitable for reuse, they shall be hauled and disposed of in accordance with Section 2-01.2.

2-14.3 Construction Requirements

The Contractor's operations in excavations shall be such that excavations will yield as much suitable material for use in permanent construction required under these Specifications as practicable. The Contractor shall excavate existing material to the lines and grades indicated on the Contract Drawings and as described in the Specifications, or as approved by the Contracting Agency's Representative.

If boulders larger than 24 inches in maximum dimension are encountered as part of the excavation the Contractor shall notify the Engineer and the Engineer shall direct excavation near and around boulders. Boulders shall be left in place or relocated, as directed by the Engineer. The Contractor shall ensure that native soils excavated on site are approved by the Contracting Agency's Representative or the Engineer before being used as backfill for streambed materials. The Contracting Agency's Representative reserves the right to reject materials that, in the opinion of Contracting Agency's Representative, are determined to be substandard.

The Contractor shall remove gabion baskets that have been buried to create a berm between the existing stream channel and irrigation diversion canal only to the extent needed to accommodate construction of the new diversion, fish screening, and fish passage structure. The Contractor shall dispose of the wire baskets as required by Section 2-02. The Contractor may remove, stockpile, and reuse gabion rock as backfill for new gabions or as streambed cobbles. Gabion rock shall not be used as streambed cobbles unless the rock is clean, rounded rock meeting the material requirements for streambed cobbles outlined in Section 9-03.11(2) of the Standard Specifications.

Do not place backfill material in the stream channel when either the material or the surfaces on which it is to be placed are frozen. Do not use material removed in stripping or high in organic matter for backfill material. Stockpile instead for use as topsoil.

2-14.4 Measurement

No measurement will be made for "Excavate and Stockpile Streambed Materials" or "Haul and Dispose of Excess or Unsuitable Streambed Material" because it will be paid on a lump sum basis.

Measurement for "Place Native Gravel-Cobble Mix in Channel" will be per cubic yard of native material placed to the lines and grades shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

Measurement for "Furnish and Place Imported Gravel-Cobble Mix in Channel" will be per cubic yard of imported material placed to the lines and grades shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

Measurement for "Furnish and Place Streambed Boulders" will be per each imported streambed boulder furnished and placed as shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

Measurement for "Remove/Rework Existing Streambed Boulders in Channel" will be per each native streambed boulder that is removed and relocated as shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

2-14.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Excavate and Stockpile Streambed Materials	Lump Sum
Place Native Gravel-Cobble Mix in Channel	Per Cubic Yard
Furnish and Place Imported Gravel-Cobble Mix in Channel	Per Cubic Yard
Furnish and Place Streambed Boulders	Per Each
Remove/Rework Existing Streambed Boulders in Channel	Per Each
Haul and Dispose of Excess or Unsuitable Streambed Material	Lump Sum

The lump sum price for "Excavate and Stockpile Streambed Materials" shall be full payment for all labor and equipment needed to excavate, haul, sort, and stockpile native streambed materials for reuse as streambed materials or disposal, as directed by the Contracting Agency's Representative or the Engineer.

The per cubic yard price for "Place Native Gravel-Cobble Mix in Channel" shall be full payment for labor and equipment needed to haul, place, and compact native streambed cobbles and gravels,

including gabion rock, within the stream channel to the lines and grades shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

The per cubic yard price for "Furnish and Place Imported Gravel-Cobble Mix in Channel" shall be full payment for labor, equipment, and materials needed to furnish, haul, place, and compact imported streambed cobbles and gravels within the stream channel to the lines and grades shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

The price per each to "Furnish and Place Streambed Boulders" shall be full payment for labor, equipment, and materials needed to furnish, haul, and place imported streambed boulders within the stream channel to the lines and grades shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

The price per each to "Remove/Rework Existing Streambed Boulders in Channel" shall be full payment for labor and equipment needed to haul and place native streambed boulders within the stream channel to the lines and grades shown on the Drawings and as directed by the Contracting Agency's Representative or the Engineer.

The lump sum price for "Haul and Dispose of Excess or Unsuitable Streambed Material" shall be full payment for all labor and equipment needed to haul and dispose of excess or unsuitable streambed materials from a sorted stockpile of streambed materials, as directed by the Contracting Agency's Representative or the Engineer. To the extent possible, streambed boulders and cobbles shall be reused to limit the volume of imported materials required, but disposal of excess and/or unsuitable streambed materials will be required.

END DIVISION 2

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DIVISION 3 – PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING

3-01 PRODUCTION FROM QUARRY AND PIT SITES

3-01.2 Material Sources, General Requirements

Supplement with the following:

No source of material has been provided for any materials necessary for the construction of these improvements.

If the sources of materials provided by the Contractor necessitate hauling over roads other than city, county, or state ROWs, the Contractor shall make all arrangements for use of the haul routes at no cost to the Contracting Agency.

3-01.6 Payment

Supplement with the following:

All costs of acquiring, producing, and placing materials shall be incidental to the unit Contract prices for those specific bid items.

END DIVISION 3

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DIVISION 4 – BASES

4-04 BALLAST AND CRUSHED SURFACING

4-04.1 Description

Supplement with the following:

Crushed surfacing on this project shall be used for:

1. Constructing a maintenance access route over the new diversion pipeline.
2. Restoring other crushed rock surfaces crossing or adjacent to the project.

As shown on the Drawings or as directed by the Contracting Agency's Representative.

4-04.2 Materials

Supplement with the following:

Materials shall meet the following requirements:

Crushed Surfacing 9-03.9(3) (Top Course) of the Standard Specifications

4-04.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Furnish and Install Crushed Rock Surfacing for Access Road	Per Ton

The per ton unit bid price for "Furnish and Install Crushed Rock Surfacing for Access Road" includes furnishing all materials, tools, labor, and equipment to place surfacing for new or restored sections of access roads, as described in the Specifications and as shown on the Drawings.

END DIVISION 4

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DIVISION 5 – SURFACE TREATMENTS AND PAVEMENTS

No modifications to this section.

END DIVISION 5

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DIVISION 6 – STRUCTURES

6-02 CONCRETE STRUCTURES

6-02.1 Description

Supplement with the following:

This work includes the following:

- Modification of the existing diversion dam to repair concrete removed to allow removal of the existing Denil fish ladder and to lower the notch in the dam.
- Installation of a new reinforced concrete diversion, fish screening, and fish passage structure immediately downstream of the existing diversion dam and abutting to the downstream side of the dam.

6-02.1(1) Submittals (New Section)

Submittals shall be made in accordance with Sections 1-05.3 and 1-06.1 and the requirements of this section. The Contractor shall submit for Engineer's approval:

1. Concrete mix design
2. Joint and crack sealing materials data
3. Curing and admixture material data
4. Reinforcing schedule
5. Mill test certificates for reinforcement

Submittals shall be made at least 15 days before placing any concrete.

6-02.2 Materials

Supplement with the following:

Materials for cast-in-place concrete structures, including cement, aggregate, reinforcement, admixtures, and jointing materials, shall be as specified on the Drawings. If not specified on the drawings, materials shall meet the requirements of the applicable Standard Specification, as modified in these Special Provisions.

6-02.3 Construction Requirements

Supplement with the following:

Mixing and placing of concrete, placement of steel reinforcement, and jointing for reinforced concrete structures shall be as specified on the Drawings.

6-02.4 Measurement

Supplement with the following:

No measurement shall be made for "Modify Existing Diversion Dam" because it will be paid on a lump sum basis.

Measurement for "Reinforced Concrete Diversion and Passage Structure" shall per cubic yard of finished concrete placed to the neat lines of the structures shown in the Drawings.

6-02.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid items:

Modify Existing Diversion Dam	Lump Sum
Reinforced Concrete Fish Screening and Passage Structure	Per Cubic Yard

The lump sum price for "Modify Existing Diversion Dam" shall be full compensation for all labor, materials, tools, and equipment necessary to modify the notch in the existing diversion dam and repair and replace concrete removed to allow for removal of the existing Denil fish ladder, as shown on the Drawings.

The unit contract price per cubic yard of "Reinforced Concrete Fish Screening and Passage Structure" shall include all labor, materials, tools, and equipment necessary to supply and install the cast-in-place concrete structure to the lines and grades shown on the Drawings, including but not limited to furnishing and placing concrete, reinforcement, admixtures, and joint material.

6-03 STEEL STRUCTURES

6-03.1 Description

Supplement with the following:

This work includes furnishing and installing the following steel components of the new diversion, fish screening, and fish passage structure:

- Installing County-furnished welded-steel bar grating
- Furnishing and installing structural steel supports for grating
- Furnishing and installing removable grating along the downstream side of the existing dam for irrigator access to the stop logs and stop gate
- Furnishing and installing railing and chains on the fish screening and passage structure
- Installing a County-furnished welded-steel debris removal rack
- Furnishing and installing stop log guides, stop logs, weir guides, and weir boards in the new fish screening and passage structure

- Furnishing and installing a welded steel frame with stop log guides in the modified notch in the existing diversion dam
- Furnishing and installing guides and embedded steel for relocation of the fish screen, paddle wheel, and associated appurtenances by WDFW

6-03.1(1) Submittals (New Section)

Submittals shall be made in accordance with Sections 1-05.3 and 1-06.1 and the requirements of this section. The Contractor shall submit for Engineer's approval:

1. Manufacturer data for removable steel grating
2. A schedule and shop drawings for steel grating supports
3. Shop drawings for stop log guides and weir guides
4. Shop drawings and a schedule for railings
5. Shop drawings for guides and embedded steel needed to accommodate relocation of the existing fish screen, paddle wheel, and appurtenances

6-03.2 Materials

Supplement with the following:

Steel Grating	9-06.19
Debris Removal Rack	9-06.20
Miscellaneous Steel	9-06.21

Other materials shall be as shown on the Drawings.

6-03.3 Construction Requirements

Supplement with the following:

Grating, the debris removal rack, steel embedments, metal frames and guides, and other miscellaneous metal appurtenances shall be installed as specified on the Drawings.

The Contractor shall submit shop drawings and catalog data for steel appurtenances to new structures, as outlined in Section 6-03.2, prior to ordering or fabrication. Steel appurtenances shall be galvanized in accordance with ASTM A-123 (AASHTO M-11). The appurtenances that are not specified to be embedded into the concrete when it is cast shall be installed after the reinforced concrete has been allowed to cure for at least 7 days.

Grating, the debris rack, guides, metal frames, and other appurtenances that will not be embedded in the concrete when it is cast shall be anchored to reinforced concrete structures with stainless steel headed anchor bolts and epoxy. Anchor bolts shall be embedded at least 5 inches into the concrete wall, or as shown on the Drawings.

The Contractor shall install the existing rotating drum fish screen and paddle wheel in the proposed fish screening structure. The Contractor shall coordinate the schedule of the installation with

WDFW. WDFW will transport the fish screen, paddle wheel, and appurtenances to the site following maintenance in WDFW's screen shop. The Contractor shall provide equipment to unload the fish screen and paddle wheel and transport them to the new structure and shall mount the fish screen and paddle wheel in the guides provided on the structure, as directed by WDFW. WDFW will assist with installing the geared connection, rods, and other appurtenances between the fish screen and the paddle wheel. The Contractor shall also assist WDFW with testing and adjustment of the equipment to meet WDFW requirements.

The Contractor will be responsible for inventorying and inspecting grating and the debris rack that have been pre-purchased by Clallam County at the County's Kirner Road Pit. The Contractor will also be responsible for transporting the equipment from the County's Kirner Road Pit to the site, staging the equipment at the site, and installing the equipment in accordance with the Drawings and Specifications. Additional requirements for handling and installing the pre-purchased grating and debris rack are included in Section 1-04.1(3) County-Furnished Materials.

6-03.4 Measurement

Supplement with the following:

No measurement shall be made for "Furnish and Install Grating, Supports, and Misc. Metalwork," "Furnish and Install Welded-Steel Debris Rack," "Furnish and Install Removable Weirs and Stop Logs," or "Install Fish Screen and Paddle Wheel" because these items will be paid on a lump sum basis.

6-03.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid items:

Install County-Furnished Grating	Lump Sum
Furnish and Install Grating Supports and Misc. Metalwork	Lump Sum
Furnish and Install Removable Grating and Supports	Lump Sum
Furnish and Install Railing	Lump Sum
Install County-Furnished Welded-Steel Debris Rack	Lump Sum
Furnish and Install Removable Weirs and Stop Logs	Lump Sum
Install Fish Screen and Paddle Wheel	Lump Sum

The lump sum price for "Install County-Furnished Grating" shall be full compensation for all labor, materials, tools, and equipment required to transport the welded-steel grating to the site and install welded-steel grating that has been pre-purchased by Clallam County, as shown on the Drawings.

The lump sum price for "Furnish and Install Grating, Supports, and Misc. Metalwork" shall be full compensation for all labor, materials, tools, and equipment required to furnish and install grating, grating supports, stop log guides and frames, weir guides, fish screen guides, other embedded

steel, and miscellaneous metalwork appurtenant to the existing diversion dam or new diversion, fish screening, and fish passage structure, as shown on the Drawings.

The lump sum price for "Furnish and Install Removable Grating and Supports" shall be full compensation for all labor, materials, tools, and equipment required to furnish and install removable steel plank grating and supports on the downstream side of the existing diversion dam for irrigator access to stop logs and stop gate, as shown on the Drawings.

The lump sum price for "Furnish and Install Railing" shall be full compensation for all labor, materials, tools, and equipment required to furnish and install handrails and chain rails on the structure and on support beams for grading at the locations shown on the Drawings.

The lump sum price for "Install County-Furnished Welded-Steel Debris Rack" shall be full compensation for all labor, materials, tools, and equipment required to transport the welded-steel debris rack to the site and install the welded-steel debris rack that has been pre-purchased by the County at the entrance to the new diversion, fish screening, and fish passage structure, as shown on the Drawings.

The lump sum price for "Furnish and Install Removable Weirs and Stop Logs" shall be full compensation for all labor, materials, tools, and equipment required to furnish and install wooden weir boards and stop logs to control flow through the existing diversion dam and new diversion, fish screening, and fish passage structure, as shown on the Drawings.

The lump sum price for "Install Fish Screen and Paddle Wheel" shall be full compensation for all labor, materials, tools, and equipment needed to install the existing rotating drum fish screen, paddle wheel, and appurtenances in the new fish screening and fish passage structure, as directed by WDFW and as shown on the Drawings. Work shall include, but not be limited to, unloading the fish screen, paddle wheel, and appurtenances from a WDFW truck; transporting the fish screen, paddle wheel, and appurtenances through the site to the new structure; installing the equipment in the guides provided in the new structure; securing the equipment; and assisting WDFW with testing and adjustment of the equipment to meet WDFW requirements.

6-20 PARSHALL FLUME *(New Section)*

6-20.1 Description

This work includes installing a fiberglass flume that has been pre-purchased by Clallam County within the new diversion, fish screening, and fish passage structure.

6-20.2 Materials

Parshall Flume 9-06.22

6-20.3 Construction Requirements

The Contractor shall furnish and install the fabricated Parshall flume that has been pre-purchased by Clallam County with the new reinforced concrete diversion, fish screening, and fish passage

structure. The Contractor will be responsible for inspecting the flume that has been pre-purchased by Clallam County at the County's Kirner Road Pit. The Contractor will also be responsible for transporting the flume from the County's Kirner Road Pit to the site, staging the flume at the site, and installing the flume in accordance with the Drawings and Specifications. Additional requirements for handling and installing the pre-purchased Parshall flume are included in Section 1-04.1(3) County-Furnished Materials.

The flume will be fiberglass and shall be installed with the concrete forms with flanges that are embedded in the structure, so that the concrete is cast and cured around the exterior of the flume. The flume shall include an integral stilling well and a tap for a 2-inch conduit. The conduit will allow for installation of a transducer and cable by Ecology from the stilling well to flow monitoring equipment that will be installed by Ecology. The 2-inch conduit shall be in place prior to casting concrete around the flume.

The concrete shall be vibrated during placement to fill any voids around the exterior of the flume so that the concrete forms a solid bond with the fiberglass flume without any voids or air pockets. The flume shall be installed to the lines and grades shown on the drawings. Finished flume elevations shall be within the tolerances specified for finished pipeline and structure elevations (within 0.02 foot± of the elevations shown on the Drawings).

6-20.4 Measurement

No measurement shall be made for "Furnish and Install 9-inch Fiberglass Parshall Flume" because it will be paid on a lump sum basis.

6-20.5 Payment

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Install County-Furnished 9-inch Fiberglass Parshall Flume	Lump Sum

The lump sum price for "Install County-Furnished 9-inch Fiberglass Parshall Flume" shall be full compensation for all labor, materials, tools, and equipment required to transport the flume to the project site and install the Parshall flume within the new diversion, fish screening, and fish passage structure, as shown on the Drawings.

END DIVISION 6

DIVISION 7 – DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS

7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.1 Description

Supplement with the following:

This work includes trenching, backfilling, compacting, and installation of the 24-inch diversion pipeline and 24-inch sluice pipe. The Contractor shall also follow the requirements of Section 7-10.

7-08.2 Materials

Supplement with the following:

Select Backfill 9-03.12(1)

7-08.3 Construction Requirements

7-08.3(1) Excavation and Preparation of Trench

7-08.3(1)A Trenches

Delete the second paragraph and replace it with the following:

The trench width shall be as shown on the Drawings and the trench shall be excavated to the depth and grade shown on the Drawings, or as specified by the Contracting Agency's Representative.

7-08.3(1)B Shoring

Supplement with the following:

The Contractor shall install and maintain adequate safety systems for trenches and other excavations that meet the requirements of the Washington Industrial Safety and Health Act, Chapter 49.17 RCW. All shields or trench boxes shall be certified by the manufacturer as complying with the applicable laws and regulations for such devices.

Shoring shall be required for all trenches where the depth of the trench exceeds 4 feet unless otherwise approved by the Engineer. All shields and trench boxes shall be certified by the manufacturer as complying with the applicable laws and regulations for such devices. The Contractor shall also be responsible for the safety of workers in accordance with Section 1-07.1. The Contractor shall provide necessary safety systems to protect workers from rocks and debris that may fall into the trench.

7-08.3(1)C Bedding the Pipe
Supplement with the following:

Placement and compaction of pipe bedding shall meet the requirements shown on the Drawings. Pipe bedding shall meet the requirements of Section 9-03.12(3) of the Standard Specifications. Pipe bedding shall be placed in 6-inch lifts and compacted to 90 percent of maximum dry density as determined by ASTM D-1557.

7-08.3(2) Laying Pipe

7-08.3(2)B Pipe Laying – General
Supplement with the following:

Pipe shall be laid as shown on the Drawings and according the manufacturer's recommendations. Installation of pipe shall also meet the requirements of Section 7-10. The Contractor shall install the pipe to the alignment and grades shown on the Drawings. The Contractor shall provide fittings, bend the pipe, or deflect the pipe at the joints, as allowed by the manufacturer, to match the lines and grades shown on the Drawings.

The Contractor shall also excavate, remove, and replace existing pipe installed by AID in 2020 near the ends of the existing pipeline so that the pipe can be reinstalled to match the proposed alignment shown on the Drawings. Existing concrete headwalls placed at the ends of the existing pipe shall be removed. The existing pipe shall then be removed, where needed, by disconnecting pipe at joints. Existing pipe shall not be cut unless approved by the Contracting Agency's Representative. Where existing pipe is to be reinstalled to match the proposed alignment, pipe bedding shall be placed and compacted below the pipe, in accordance with Paragraph 7-08.3(1)C, and select backfill shall be placed and compacted around the sides and above the pipe, in accordance with Paragraph 7-08.3(3). The pipe shall be backfilled in accordance with Paragraph 7-08.3(3) and as shown on the Drawings.

When pipe laying is not in progress, the open ends of the pipe shall be tightly closed with a temporary plug, as approved by the Engineer or the Contracting Agency's Representative, to prevent debris or other materials from entering the pipeline.

7-08.3(2)J Pipe Laying – Corrugated Polyethylene (CPE) Pipe *(New Section)*
When transporting and installing pipe, fittings, and accessories, do so to ensure a sound, undamaged installation. Provide adequate storage for all materials and equipment delivered to the job site. Handle and store pipe and fittings in accordance with the manufacturer's recommendation.

Follow the manufacturer's recommendations when hauling, unloading, and stringing the pipe. Do not push or pull pipe and fittings over sharp projections, or drop, or have objects dropped on it. Inspect for defects before installation. Any piping showing kinks, buckles, cuts, gouges, or any other damage that in the opinion of the Engineer will affect performance of the pipe must be removed from the site. Replace material found to be defective before or after laying with sound material at no additional expense to the Owner.

Carefully lower pipe and accessories into the trench by means of derrick, ropes, belt slings, or other equipment that will not cause any damage to the pipe. Do not drop or dump material into the trench under any circumstances. Rest the full length of each section of pipe solidly upon the pipe bedding. Bring CPE pipe to within 5°F of earth temperature prior to cutting to length for placement of tees, elbows, or fittings between flanges.

Pipe shall be laid as shown on the Drawings and according to the manufacturer's recommendations. Installation of pipe shall also meet the requirements of Section 7-10. The Contractor shall install the pipe to the alignment and grades shown on the Drawings. The Contractor shall provide fittings, bend the pipe, or deflect the pipe at the joints, as allowed by the manufacturer, to match the lines and grades shown on the Drawings.

Unless otherwise approved, the pipe shall be placed with the bell end upstream. When pipe laying is not in progress, the open ends of the pipe shall be tightly closed with a temporary plug, as approved by the Engineer or the Contracting Agency's Representative, to prevent debris or other materials from entering the pipeline.

7-08.3(3) Backfilling

Delete the first four paragraphs and replace with the following:

Placement of pipe zone backfill, or Select Backfill, shall be performed as shown on the Drawings. Trenches shall be backfilled as soon after laying pipe as possible. Select Backfill shall meet the material specifications outlined in Section 9-03.12(3) of the Standard Specifications. Select Backfill shall be brought up simultaneously on each side of the pipe to the top of the pipe. The pipe shall then be covered to the depth specified on the Drawings with Select Backfill, and the material shall be compacted in a manner to avoid damaging or disturbing the pipe. Select Backfill shall be placed in 6-inch lifts and compacted to 90 percent of maximum dry density as determined by ASTM D-1557.

Placement of backfill above the pipe zone shall also be performed as specified on the Drawings. Suitable native material excavated from the trench may be used for backfill above the pipe zone. Organic material, frozen lumps, wood, concrete, and rocks larger than 3 inches in maximum dimension shall be removed before placing native material as backfill. Compaction of native soils is sensitive to moisture, and the Contractor shall apply reasonable methods to keep native material dry. The Contractor shall perform compaction testing in accordance with the Specifications and at the request of the Engineer or the Contracting Agency's Representative. Materials not meeting compaction requirements or determined by the Engineer to be unsuitable for backfill shall be removed and replaced with material that will meet the requirements specified on the Drawings. Placement and compaction of backfill shall be done in a manner to avoid damaging or disturbing the pipe. Backfill above the pipe zone shall be placed in 6-inch lifts and compacted to 90 percent of maximum dry density as determined by ASTM D-1557.

7-08.4 Measurement

Supplement with the following:

No measurement will be made for "Trench Excavation" or "Place and Compact Native Final Backfill" because these items will be paid for on a lump sum basis.

Measurement of "Furnish, Place, and Compact Pipe Bedding"; "Furnish, Place, and Compact Select Backfill"; and "Furnish, Place, and Compact Imported Final Backfill" shall be per cubic yard of material compacted in place.

7-08.5 Payment

Replace with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid items:

Trench Excavation	Lump Sum
Furnish, Place, and Compact Pipe Bedding	Per Cubic Yard
Furnish, Place, and Compact Select Backfill	Per Cubic Yard
Furnish, Place, and Compact Imported Final Backfill	Per Cubic Yard
Place and Compact Native Final Backfill	Lump Sum

The lump sum price for "Trench Excavation" shall include all materials, labor, and equipment required to excavate to the lines and grades shown on the Drawings for installation of the irrigation diversion pipeline and sluice pipeline.

The unit bid prices per cubic yard for "Furnish, Place, and Compact Pipe Bedding"; "Furnish, Place, and Compact Select Backfill"; and "Furnish, Place, and Compact Imported Final Backfill" shall include all materials, labor, and equipment required to furnish, place, and compact those materials for installation of the irrigation pipeline to the lines and grades shown on the Drawings.

The lump sum price for "Place and Compact Native Final Trench Backfill" shall include all materials, labor, and equipment required to place and compact native trench backfill material to the lines and grades shown on the Drawings to complete installation of the irrigation diversion pipeline and sluice pipeline.

Placement and use of shoring for the portions of the irrigation pipeline trench excavation where shoring is required to maintain safety and protect the trench shall be considered incidental to the per linear foot unit price included for "Install 24-inch CPE Irrigation Pipe and Fittings," as outlined in Section 7-10.5.

Excavation required for the removal and disposal of existing structures shall be included in the lump sum price for "Removal of Structures and Obstructions" in accordance with Section 2-02.5.

7-10 IRRIGATION PIPE AND APPURTENANCES *(New Section)*

7-10.1 Description

Work includes:

1. Installation of approximately 40 feet of new County-furnished 24-inch CPE pipe and fittings between the new diversion, fish screening, and fish passage structure and a connection with existing 24-inch CPE pipe installed by AID in 2020.
2. Installation of approximately 37 feet of new County-furnished 24-inch CPE pipe and fittings between a connection with existing 24-inch CPE pipe installed by AID in 2020 and a connection with an existing 30-inch HDPE irrigation pipeline downstream of the existing fish screen.
3. Removal and adjustment of approximately 58 feet of existing 24-inch CPE pipe installed by AID in 2020 to match the alignment of the proposed pipeline.
4. Installation of approximately 14 feet of new County-furnished 24-inch CPE pipe for sluicing water and sediment from the new diversion, fish screening, and fish passage structure to McDonald Creek.
5. Installation of the connection between the new diversion pipeline and existing 30-inch HDPE irrigation pipeline downstream of the existing fish screen.

7-10.1(1) Submittals

Submittals shall be made in accordance with Section 1-06.1 and the requirements of this section. The Contractor shall submit for Engineer's approval:

1. Material data for the air vent assembly

7-10.2 Materials

Materials shall meet the requirements of one of the following sections:

CPE Pipe for Irrigation	9-37.1
Air Vent Assemblies for Irrigation	9-37.2

7-10.3 Construction Requirements

7-10.3(1) General

The Contractor will be responsible for inventorying and inspecting the pipe and fittings pre-purchased by Clallam County at the County's Kirner Road Pit. The Contractor will also be responsible for transporting the pipe and fittings from the County's Kirner Road Pit to the site, staging the pipe and fittings at the site, and installing the fittings in accordance with the Drawings and Specifications. The Contractor shall furnish all materials not pre-purchased by the County that

are required to complete the work. Additional requirements for handling and installing pre-purchased pipe and fittings are included in Section 1-04.1(3) County-Furnished Materials.

The Contractor shall be responsible for installing pipe and fittings to match the alignment, grades, and slopes shown on the Drawings. The alignment and grade of the proposed pipeline may, at the Contractor's suggestion or the Contracting Agency's option, be adjusted to reduce cost or length of pipe. Adjustments to the proposed alignment and grade of the pipeline shall be reviewed and approved by the Engineer prior to construction. Pipe shall be of the material shown on the Drawings. The Contractor shall be responsible for verifying that fittings are compatible with the type of pipe furnished. Pipe shall be installed as shown on the Drawings and as indicated in the Standard Specifications, as supplemented or modified by these Special Provisions. Installation of irrigation pipe and appurtenances shall meet the requirements in Section 7-08 and shall be according to the manufacturer's recommendations.

7-10.4 Measurement

Measurement for "Install County-Furnished 24-inch CPE Irrigation Pipe and Fittings"; "Remove and Reinstall Existing 24-inch CPE Irrigation Pipe"; and "Install County-Furnished 24-inch CPE Sluice Pipe and Fittings" shall be per linear foot of pipe installed.

No measurement will be made for "Furnish and Install 2-inch Air Vent Assembly" or "Furnish and Install Connection to Existing Irrigation Pipe" because these items will be paid on a lump sum basis.

7-10.5 Payment

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid items:

Install County-Furnished 24-inch CPE Irrigation Pipe and Fittings	Per Linear Foot
Remove and Reinstall Existing 24-inch CPE Irrigation Pipe	Per Linear Foot
Install County-Furnished 24-inch CPE Sluice Pipe and Fittings	Per Linear Foot
Furnish and Install 2-inch Air Vent Assembly	Lump Sum
Furnish and Install Connection to Existing Irrigation Pipe	Lump Sum

The unit bid price per linear foot for "Install County-Furnished 24-inch CPE Irrigation Pipe and Fittings" and "Install County-Furnished 24-inch CPE Sluice Pipe and Fittings" shall be full compensation for all labor, materials, tools, and equipment necessary to transport and install County-furnished pipe and associated fittings.

The unit bid price per linear foot for "Remove and Reinstall Existing 24-inch CPE Irrigation Pipe" shall be full compensation for all labor, materials, tools, and equipment necessary to remove and re-install existing pipe and associated fittings that are already installed at the site.

The lump sum price for "Furnish and Install 2-inch Air Vent Assembly" shall be full compensation for all labor, materials, tools, and equipment required to furnish and install the air vent saddle, pipe,

fittings, and other appurtenances needed to complete the air vent assembly, as shown on the Drawings.

The lump sum price for "Furnish and Install Connection to Existing Irrigation Pipe" shall be full compensation for all labor, materials, tools, and equipment required to furnish and install a concrete collar and complete connection of the new diversion pipeline to the existing irrigation pipeline, as shown on the Drawings.

Trenching, furnishing and placement of pipe bedding, furnishing and placement of select backfill, and placement of final trench backfill shall be included in the prices for "Trench Excavation," "Furnish, Place, and Compact Pipe Bedding," "Furnish, Place, and Compact Select Backfill," "Furnish, Place, and Compact Imported Final Backfill," and "Place and Compact Native Final Backfill" in accordance with Section 7-08.5.

Excavation, haul, and disposal required for the removal and disposal of existing structures shall be included in the lump sum price for "Removal of Structures and Obstructions" in accordance with Section 2-02.5.

7-13 HYDRAULIC GATES *(New Section)*

7-13.1 Description

Work includes:

1. Installation of one County-furnished 4-foot-wide manually operated slide gate as a head gate at the entrance to the new diversion, fish screening, and fish passage structure.
2. Installation of two County-furnished 24-inch manually operated canal gates designed to control flow to the diversion pipeline and sluice pipeline.
3. Furnishing and installation of one 4-foot-wide stop gate in the modified notch in the diversion dam with a removable handwheel operator and frame.
4. Furnishing and installation of a mechanical hoist on the wall of the new structure adjacent to the notch in the dam to facilitate placement and removal of the stop gate and stop logs. The Contractor will provide a fabricated base piece and a plug for mounting the hoist on top of the structure and allowing for easy removal during high flows.

7-13.1(1) Submittals

Submittals shall be made in accordance with Sections 1-05.3 and 1-06.1 and the requirements of this section for each different type of gate:

1. Gate specifications for Contractor-furnished gates
2. Shop drawings for Contractor-furnished gates. Shop drawings shall include a parts list, general notes, and relevant dimensions. Shop drawings shall also include the field connection details.
3. Spare parts list

4. Operation and maintenance manuals
5. Gate warranty

Submit items 1 and 2 above to the Engineer for review and approval at least 14 days prior to fabrication. Submit items 3 and 4 within 7 days following gate installation, prior to project completion.

7-13.1(2) Operating Conditions

7-13.1(2)A Slide Gate

1. Channel invert and gate sill elevation (feet) = 266.08
2. Top of concrete structure elevation (feet) = 273.58
3. Size of controlled opening = 4 feet X 4 feet
4. Maximum upstream water surface elevation (feet) = 273.58
5. Leakage under the specified head shall not exceed 0.1 gpm per foot of seating perimeter.

7-13.1(2)B Canal Gate (At Inlet to Diversion Pipeline)

1. Pipe invert elevation (feet) = 266.27
2. Top of concrete structure elevation (feet) = 270.58
3. Maximum upstream water surface elevation (feet) = 270.58
4. Normal operating upstream water elevation (feet) = 267.20
5. Leakage under the specified head shall not exceed 0.1 gpm per foot of seating perimeter.

7-13.1(2)C Canal Gate (At Inlet to Sluice Pipeline)

1. Pipe invert elevation (feet) = 265.00
2. Top of concrete structure elevation (feet) = 270.58
3. Maximum upstream water surface elevation (feet) = 270.58
4. Normal operating upstream water elevation (feet) = 267.55
5. Leakage under the specified head shall not exceed 0.1 gpm per foot of seating perimeter.

7-13.1(2)D Stop Gate (in Modified Notch in Diversion Dam)

1. Notch invert elevation (feet) = 264.00
2. Dam crest/top of gate elevation (feet) = 267.55
3. Size of controlled opening = 4 feet x 3 feet 6 inches
4. Maximum upstream water surface elevation (feet) = 273.58
5. Leakage under the specified head shall not exceed 0.1 gpm per foot of seating perimeter.
6. Removable top frame and handwheel operator

7-13.2 Materials

Materials shall meet the requirements of the following sections:

Hydraulic Gates	9-37.3
Mechanical Hoist	9-37.4

7-13.3 Construction Requirements

7-13.3(1) Gate Handling, Transportation, and Storage

The Contractor will be responsible for inventorying and inspecting the slide gate and canal gates pre-purchased by Clallam County at the County's Kirner Road Pit. The Contractor will also be responsible for transporting the gates from the County's Kirner Road Pit to the site, staging the gates at the site, and installing the gates in accordance with the Drawings and Specifications. Additional requirements for handling and installing pre-purchased gates are included in Section 1-04.1(3) County-Furnished Materials.

Contractor shall exercise the following precautions:

1. Handling: Avoid bending, scraping, or overstressing the gates.
2. Transportation: Loading, transporting, and unloading of the gates shall be conducted such that the gates are kept clean and free from damage.
3. Storage: Provide sheltered on-site storage. Provide blocking, platforms, or skids to protect the gates from contact with the ground. Protect the gates from theft and from damage from construction activities or equipment.

7-13.3(2) Preparation

Prior to installation, Contractor shall ensure the concrete structure surfaces and dimensions are suitable to receive the gates. Contractor will repair any damage or irregularities of the concrete surfaces that would weaken the anchoring system or impair gate performance.

7-13.3(3) Installation

7-13.3(3)A General

Install gates as shown on the Contract Drawings and consistent with manufacturer's recommendations and the approved shop drawings.

7-13.3(4) Operation and Maintenance Manual

The manufacturer of each type of gate furnished by the Contractor shall provide the Owner with an Operation and Maintenance Manual. The Operation and Maintenance Manual will include:

1. Description of each gate, its function, and its operation
2. Type and frequency of recommended maintenance
3. Procedure for adjusting gate position (elevation) (for Level Control Gate)

4. Approved shop drawings and parts list

7-13.3(5) Warranty

The manufacturer of each type of gate furnished by the Contractor shall provide a full 1-year guaranty/warranty against gate defects and workmanship from the time the gate is commissioned. The Contractor shall provide any required gate installation and operational adjustments at the direction of the Contracting Agency's Representative until final project acceptance by the Contracting Agency.

7-13.4 Measurement

Measurement for "Install County-Furnished 48-inch Slide Gate," "Install County-Furnished 24-inch Canal Gate," and "Furnish and Install 48-inch Stop Gate with Handwheel Operator" shall be made per each gate installed.

No measurement shall be made for "Furnish and Install Mechanical Hoist" as that item will be paid for on a lump sum basis.

7-13.5 Payment

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid items:

Install County-Furnished 48-inch Slide Gate	Per Each
Install County-Furnished 24-inch Canal Gate	Per Each
Furnish and Install 48-inch Stop Gate with Handwheel Operator	Per Each
Furnish and Install Mechanical Hoist	Lump Sum

The unit bid price for each "Install County-Furnished 48-inch Slide Gate" shall include all labor, tools, equipment, and materials required to transport the County-furnished gate to the site and install, and test each gate, as shown on the Drawings.

The unit bid price for each "Furnish and Install 24-inch Canal Gate" shall include all labor, tools, equipment, and materials required to transport the County-furnished gate to the site and install and test each gate, as shown on the Drawings.

The unit bid price for each "Furnish and Install 48-inch Stop Gate with Handwheel Operator" shall include all labor, tools, equipment, and materials required to furnish, install, and test the stop gate and removable handwheel operator, as shown on the Drawings.

The lump sum price for "Furnish and Install Mechanical Hoist" shall include all labor, tools, equipment, and materials required to furnish, install, and test mechanical hoist system needed to facilitate placement and removal of the stop gate and stop logs.

END DIVISION 7

DIVISION 8 – MISCELLANEOUS CONSTRUCTION

8-02 ROADSIDE RESTORATION

8-02.1 Description

Supplement with the following:

This work shall consist of the following:

1. Seeding, fertilizing, mulching, planting, and all related work required to restore and revegetate areas disturbed by the work in accordance with these Specifications and as shown on the Drawings, or as directed by the Contracting Agency's Representative.

8-02.1(1) Submittals *(New Section)*

Submittals shall be made in accordance with Section 1-06.1 and the requirements of this section. The Contractor shall submit for Engineer's approval:

1. Origin of seed mixture
2. Seed mix analysis showing percent germination and noxious weed content
3. Plant schedule and nursery data for plants

8-02.3 Construction Requirements

Supplement with the following:

8-02.3(17) Seeding, Fertilizing, and Mulching *(New Section)*

All areas designated to be seeded shall be hydroseeded. The hydroseed slurry shall combine all components (water, mulch, seed, fertilizer, and tackifier) together, as specified in Section 9-14, for single application over prepared soil surface. The Contractor shall apply the slurry mix evenly across the area designated for seeding. The mixture shall be applied at the following rate:

- Tackifier – 60 pounds per acre
- Seed – 60 pounds per acre
- Mulch – 2,000 pounds per acre

Do not seed when ground is frozen or snow covered, or when wind prevents uniform placement of materials. Do not fertilize when ambient temperature is below 38 degrees Fahrenheit. A seed mix consisting of a mix of grass and clover seed suitable for local conditions shall be submitted for approval by the Engineer and Owner prior to hydroseeding.

8-02.4 Measurement

Supplement with the following:

"Hydroseed (Seeding, Fertilizing, and Mulching)" and "Streambank Revegetation" will be measured by the acre (horizontal projection) for the surface area actually covered. No allowances will be made

for ground slope. No separate measurement will be made for water, seed, fertilizer, wood cellulose fiber, tackifier, mixing, spraying, watering, or soil preparation.

8-02.5 Payment

Replace with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Hydroseed (Seeding, Fertilizing, and Mulching)	Per Acre
Streambank Revegetation	Per Acre

The unit contract price per acre for "Hydroseed (Seeding, Fertilizing, and Mulching)" will be full payment for all labor, materials, tools, and equipment needed for water, seed, fertilizer, wood cellulose fiber, tackifier, mixing, spraying, watering, and soil preparation to hydroseed and place mulch as shown on the Drawings.

The unit contract price per acre for "Streambank Revegetation" will be full payment for all labor, materials, tools, and equipment needed for water, plants, spraying, watering, and soil preparation to plant and establish plantings on the streambank, according to the planting schedule provided in the Drawings.

8-12 CHAIN LINK FENCE AND WIRE FENCE

8-12.1 Description

Supplement with the following:

This work shall consist of placement a 6-foot-high chain link security fence and locking gates to control access to the proposed fish screening and passage structure and the existing diversion dam, as shown on the Drawings.

8-12.2 Materials

Supplement with the following:

Materials shall consists of 6-foot-high chain link fence with double 6-foot-wide locking gates. Chain link fence shall consist of diamond woven galvanized steel wire mesh mounted on galvanized steel posts. The gates shall have a latch and shall be designed for locking with a standard padlock.

The Contractor shall submit a shop drawing of the fencing and gates for review and approval by the Contracting Agency and the Engineer prior to fabrication.

8-12.3 Construction Requirements

Supplement with the following:

The Contractor's attention is called to the presence of buried gabions, pipe, and other equipment that may conflict with the buried portion of the fence posts. The fence shall be fabricated and installed to avoid damaging buried gabions, pipe, or other equipment.

8-12.4 Measurement

Supplement with the following:

No measurement will be made for "Furnish and Install Security Fence and Gates" because it will be paid lump sum.

8-12.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Furnish and Install Security Fence and Gates	Lump Sum

The lump sum price for "Furnish and Install Security Fence and Gates" shall be full payment for furnishing all materials, tools, labor, and equipment to furnish and install the chain link security fence and locking gates, as shown on the Drawings.

8-19 CONDUIT AND VAULTS FOR FLOW MONITORING EQUIPMENT *(New Section)*

8-19.1 Description

This work shall consist of installation of County-furnished conduit and furnishing and installation of a vault to route cable, house desiccant, and allow for installation of flow monitoring instrumentation and equipment by Ecology. The work shall be coordinated with Ecology.

8-19.2 Materials

The Contractor shall be responsible for installing County-furnished electrical conduit from the Parshall Flume to the location of flow monitoring equipment to be installed by Ecology and installing a vault to house desiccant and other equipment. The conduit shall be gray, schedule 80 PVC electrical conduit. The vault shall be at least 13 inches wide by 24 inches long by 24 inches deep, of heavy-duty construction, and shall be designed for traffic loading.

8-19.3 Construction Requirements

Conduit shall be installed parallel to the proposed diversion pipeline, as shown on the Drawings. The Contractor shall install sweeps and other fittings, as needed to install the conduit as shown on the Drawings. Trenching and backfill for installation of conduit shall meet the requirements outlined

in Section 7-08. Where new diversion pipe is being installed, the conduit shall be installed in the same trench as the diversion pipe.

8-19.4 Measurement

No measurement will be made for "Install County-Furnished Conduit for Flow Monitoring" and "Furnish and Install Vault for Flow Monitoring Equipment" because they will be paid lump sum.

8-19.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Install County-Furnished Conduit for Flow Monitoring	Lump Sum
Furnish and Install Vault for Flow Monitoring Equipment	Lump Sum

The lump sum price for "Install County-Furnished Conduit for Flow Monitoring" shall be full payment for inventorying and transporting County-furnished conduit and fittings and furnishing all materials, tools, labor, and equipment to install the electrical conduit and fittings to route cable and allow for installation of flow monitoring instrumentation and equipment by Ecology, as shown on the Drawings.

The lump sum price for "Furnish and Install Vault for Flow Monitoring Equipment" shall be full payment for furnishing all materials, tools, labor, and equipment to furnish and place a vault to house desiccant and allow for installation of flow monitoring instrumentation and equipment by Ecology, as shown on the Drawings.

8-24 ROCK AND GRAVITY BLOCK WALL AND GABION CRIBBING

8-24.1 Description

Supplement with the following:

This work shall consist of placement of gabion cribbing and boulders at the top of the right bank of McDonald Creek to protect the irrigation pipeline and allow for backfilling and creation of access over the diversion pipeline between the new fish screen and the connection to the existing irrigation pipeline.

Work shall include placing large boulders and placing and compacting native backfill against the boulders. Work shall also include extension of gabion cribbing through the area that will be disturbed by removal of the existing head gate and spillway structures, as shown on the Drawings.

8-24.2 Materials

Supplement with the following:

Boulders used for construction of the rockery shall be two-man or three-man boulders, as specified in Section 9-3.11(3) of the Standard Specifications.

8-24.3 Construction Requirements

Supplement with the following:

The Contractor's attention is called to the presence of a steep bank downslope of the proposed rockery. Rock shall be placed in a way that prevents erosion or sloughing of material along the slope below the rockery.

8-24.4 Measurement

No measurement will be made for "Furnish and Install Rockery" because it will be paid lump sum.

Measurement for "Extend Gabion Cribbing" will be per cubic foot of new gabion cribbing installed.

8-24.5 Payment

Supplement with the following:

Payment will be made in accordance with Section 1-04.1 of the Standard Specifications for the following bid item:

Furnish and Install Rockery	Lump Sum
Extend Gabion Cribbing	Cubic Foot

The lump sum price for "Furnish and Install Rockery" shall be full payment for furnishing all materials, tools, labor, and equipment to furnish and place boulders to form a rockery, as shown on the Drawings.

END DIVISION 8

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DIVISION 9 – MATERIALS

9-06 STRUCTURAL STEEL AND RELATED MATERIALS

9-06.19 Steel Grating *(New Section)*

Metal grating used to cover the openings in concrete structures shall be welded-steel bar grating. Gratings shall have the following dimensions and characteristics:

- Bar Dimension: 1/8-inch X 1 1/2-inch
- Frame and Supports: As shown on Drawings
- Anchors: As shown on Drawings

Bars shall be serrated on the top surface. Steel bars shall be Grade 36 (ASTM A-36). All steel parts of the grating assembly and supports shall be galvanized per ASTM A-123 (AASHTO M111). Dimensions of grating shall be as shown on the Drawings.

Removable grating used to provide access to the downstream side of the diversion dam shall be galvanized steel plank grating, as shown on the Drawings. Dimensions and anchoring shall be as shown on the Drawings. Steel shall be galvanized per ASTM A-123 (AASHTO M111).

9-06.20 Debris Removal Rack *(New Section)*

The County-furnished debris rack shall be installed at the entrance to the reinforced concrete diversion, fish screening, and fish passage structure, as shown on the Drawings. The debris rack shall be fabricated with galvanized steel bars. The bars shall be welded to form the rack to the dimensions and specifications shown on the Drawings. The debris rack shall be fabricated for installation at a 45° angle relative to the floor of the structure and shall be centered across the width of the structure. Steel bars shall be Grade 36 (ASTM A-36). All steel parts of the debris rack assembly shall be galvanized according to ASTM A-123 (AASHTO M111).

9-06.21 Miscellaneous Embedded Steel *(New Section)*

Embedded guides and other miscellaneous steel appurtenances shall also be fabricated from Grade 36 (ASTM A-36) steel and shall be galvanized according to ASTM A-123 (AASHTO M111). The Contractor shall submit shop drawings of each guide or fabricated steel appurtenance for review by the Engineer prior to fabrication.

9-27 CRIBBING

9-27.3 Gabion Cribbing

Supplement with the following:

Gabion baskets shall be welded wire mesh and shall match the dimensions shown on the Drawings.

Gabion rock shall be on-site rock from existing gabions or imported rock meeting the requirements of Section 9-27.3(6) of the Standard Specifications.

9-37 IRRIGATION PIPE AND APPURTENANCES *(New Section)*

9-37.1 CPE Pipe for Irrigation

County-furnished CPE pipe for irrigation shall meet the requirements of AASHTO M294 Type S watertight pipe, with a smooth interior wall and annular corrugations. Pipe shall meet the following specifications.

- Nominal inside diameter shall be the size indicated on the drawings.
- Joints shall be bell and spigot type with gaskets conforming to ASTM F477.
- Joints shall be watertight according to the requirements of ASTM D3212.
- Corrugated exterior shall meet the material specifications of ASTM D3350. The 24-inch culvert shall conform to the minimum requirements of cell classification 435400C as defined and described in the latest version of ASTM D3350.
- Carbon black shall not exceed 5%. Carbon black shall not exceed 4% for 24-inch culvert.
- Material shall be homogeneous and uniform in color, opacity, density, and other properties.
- Pipe shall be continuously marked with the name of the manufacturer, the nominal pipe size, the manufacturer's standard reference, and the production code.
- Hancor Blue Seal, ADS N-12, or approved equal.

The Contractor shall verify that the pipe is compatible with existing pipe installed by AID in March 2020.

9-37.3 Hydraulic Gates

9-37.3(1) Slide Gate

The County-furnished slide gate used as a head gate to control flow from McDonald Creek to the diversion structure shall be an aluminum slide designed to control flow through a 4-foot X 4-foot opening at the invert of the structure. The gate shall meet the operating conditions outlined in Section 7-13.1.

Materials of construction shall conform to the following:

- Frame, disc, yoke, invert, spigots: Aluminum 6061-T4 conforming to ASTM B-209 and B-211
- Seats: Ultra high molecular weight polyethylene conforming to ASTM D-4020
- Seals: Neoprene rubber conforming to ASTM D-2000
- Stem, fasteners, and anchor bolts: Type 304 stainless steel conforming to ASTM A-276

The gates shall be self-contained with a non-rising stem. The gates shall be mounted on the reinforced concrete diversion, fish screening, and fish passage structure, as shown on the Drawings. The gate shall include neoprene rubber p-bulb type seals. The lifting mechanism shall include a stainless steel stem, in accordance with ASTM A-276, Type 304. The gate shall include a cast steel, ductile iron, or cast iron operating wheel. The gate shall be a Gold Harvest GH-40 slide gate, or approved equal.

9-37.3(2) Canal Gates for Irrigation

County-furnished canal gates used for irrigation shall be cast iron or ductile iron gates designed to control flow into a proposed pipeline. The gates shall meet the operating conditions outlined in Section 7-13.1. The gates shall be self-contained with a non-rising stem. The gates shall be mounted on the reinforced concrete diversion, fish screening, and fish passage structure, as shown on the Drawings. The gate shall include neoprene rubber seals. The lifting mechanism shall include a stainless steel stem, in accordance with ASTM A-276, Type 304. The gate shall include a cast steel, ductile iron, or cast iron operating wheel. The gate shall be a Waterman Model C-10 Canal Gate, or approved equal.

9-37.3(3) Stop Gates for Irrigation

The removable stop gate to be installed in the diversion dam shall be a fabricated aluminum gate with a hand-wheel operator and stem. The gate shall be designed to control flow through the modified notch in the existing diversion dam. The gate shall meet the operating conditions outlined in Section 7-13.1. The gate shall have an extruded aluminum frame and ultra-high molecular weight (UHMW) polyethylene bearing bars in dovetail slots. The frame shall consist of an upper frame and lower frame. The upper frame shall be designed to mount on the diversion structure, as shown on the Drawings, and shall support a removable handwheel operator and stem. The lower frame shall be mounted to the structure. The upper frame, handwheel operator, stem, and gate leaf shall be designed for disassembly and removal from the notch in the dam at the end of each irrigation season and reassembly and placement in the notch at the beginning of each irrigation season. Connections between the upper frame and lower frame and the connection between the gate stem and gate leaf shall be designed to quickly disassemble with pins, clamps, or other hardware to facilitate disassembly and reassembly. Fasteners shall be stainless steel. The gate shall be a Golden Harvest GH-36 or approved equal. The Contractor shall verify that the gate is compatible with the modified dam and center column to be installed in the notch in the dam. The Contractor shall submit a shop drawing from the gate manufacturer showing the gate dimensions, mounting, and ability for removal/disassembly for the engineer's review prior to fabrication.

9-37.4 Mechanical Hoist

The Contractor shall furnish and install a mechanical hoist assembly with the following:

- Steel construction with fusion-bonded epoxy coating on frame and arm.
- Telescopic arm capable of extending to at least 50 inches
- Stainless steel hand winch and cable with hook
- Lifting capacity of up to 1,000 pounds with arm extended
- Stainless steel mounting hardware
- Fabricated base plate to allow mounting in steel pipe sleeve, as shown on Drawings
- Fabricated plug to install in mounting sleeve when hoist has been removed from the dam during high flows.

The hoist system shall be designed for mounting on top of the reinforced concrete wall adjacent to the notch in the existing dam so that it can be used to place and remove the stop gate and stop logs

that will control flow through the dam. The hoist shall be Northern Tool and Equipment Ultra-Tow Hydraulic Pickup Truck Crane with Hand Winch, or approved equal.

END DIVISION 9

FINAL PROJECT MANUAL

AMENDMENTS TO THE STANDARD SPECIFICATIONS

Amendments to the Standard Specifications are incorporated by reference and shall be considered part of the Contract Specifications for this project. The Amendments to the Standard Specifications can be found at:

http://www.wsdot.wa.gov/Business/Construction/SpecificationsAmendmentsGSPs.htm

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PART D:

APPENDICES

FINAL PROJECT MANUAL

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FINAL PROJECT MANUAL

Appendix D-1:

Geotechnical Report

Aspect CONSULTING

June 12, 2020

David Rice, PE and Merri Martz
Anchor QEA, LLC
720 Olive Way, Suite 1900
Seattle, WA 98101

Re: Geotechnical Evaluation for McDonald Creek – FINAL
Clallam County
258301 US-101
Sequim, Washington 98382
Project No. 180333

Dear Mr. Rice and Ms. Martz:

This letter report presents the results of Aspect Consulting, LLC's (Aspect) geotechnical engineering evaluation in support of the McDonald Creek irrigation infrastructure improvements and channel restoration (Project). The Project is located on the south side of the U.S. Route 101 bridge over McDonald Creek, near the town of Sequim in Clallam County, Washington (Site; Figure 1). We completed a data review, a Site reconnaissance on June 15, 2018, hand explorations and slope reconnaissance on July 20, 2018, and prepared this letter. Our services were conducted in accordance with our proposal dated July 16, 2018, signed by you on July 19, 2018.

Using our field data and a review of existing data for the area, this letter report presents the results of our geotechnical engineering analyses, conclusions, and recommendations regarding our evaluation of constructability and evaluation of foundation options and capacities for the Project.

Summary of Findings

Based on our observations at the time of our Site reconnaissance, we believe that the Site is stable from a geotechnical perspective. Further, the proposed Project is feasible from a geotechnical perspective and would not negatively impact the Site or stability of the nearby slopes.

Project Understanding

McDonald Creek supplies water for irrigation to the Agnew Irrigation District through an existing diversion structure just south of the U.S. Route 101 overpass. The existing diversion structure includes a reinforced concrete dam, a Denil fishway, and a plastic-lined diversion channel on the right (looking downstream) floodplain. About 500 feet downstream of the dam is a rotating drum fish screen with bypass facilities. The diversion structure and other infrastructure placed in the area has impacted the habitat and passage conditions. The proposed Project aims to improve the habitat and passage conditions in McDonald Creek while continuing to meet irrigation needs. The Project includes: relocation of the existing fish screen upstream, installation of a new head gate and debris rack to the existing dam, replacing the diversion channel with a buried pipeline, modification of the existing Denil fishway to a chute and pool fishway, and restoration of the existing channel by reducing the slope of the channel with the installation of streambed boulders and large woody debris (LWD).

Observations and Analysis

Aspect reviewed background information for the Site and vicinity, including historical aerial photos, historical topographic maps, geologic maps, nearby subsurface investigations and well logs, and proposed Project plans. We assessed the surface and subsurface conditions of the Site, including any geologic hazards present, through field observations on June 15 and July 20, 2018.

Site Conditions and Topography

The Site is on the northern portion of the Olympic Peninsula between the towns of Sequim to the east and Port Angeles to the west. McDonald Creek flows to the north, under U.S. Route 101, and both banks slope steeply down towards the creek bed. The Project is located on the right bank south of U.S. Route 101 (Figure 2).

The bed of McDonald Creek is at about Elevation 264 feet (North American Vertical Datum of 1988 [NAVD88]) at the base of the dam, the south end of the Project. The right creek-bank slopes up about 26 feet to Elevation 290 feet with approximately the bottom 10 feet standing near vertical. Above the near-vertical portion, the right bank has an average inclination of about 45 degrees (100 percent). The left creek-bank slopes up about 32 feet to Elevation 296 feet with the average slope measured 30 degrees (58 percent).

The channel at the dam is about 55 feet wide, with steep slopes on either bank. The diversion channel flows along the toe of the right creek bank and is vertically separated from the creek about 3 feet with about a 10-foot-wide berm consisting of gabion baskets and rip-rap (angular to subangular cobbles and boulders). The bottom of the diversion channel near the dam is approximately 3 feet higher than the bottom of the creek.

Surface Water

Outside of the creek, we did not observe any areas of standing water or seepage on either creek-bank slope. Surface drainage conditions and groundwater conditions at the Site will vary with fluctuations in precipitation and off-Site land use.

Vegetation

The right creek-bank slope is vegetated with young to mature evergreens and deciduous trees with up to 2 feet in diameter at breast height (DBH). We observed pistol-butt curvature in the trunks of multiple mature evergreen trees along the top of the slope. The groundcover on this slope consists of sparse ferns, ivy, and berry bushes.

The left creek-bank slope is vegetated with young to mature evergreens and deciduous trees with up to 1.5 feet DBH. The mature evergreen trees on this slope generally appeared straight and upright. The groundcover consists of a dense understory of ferns, ivy, and berry bushes. We also observed a minor amount of horsetail reeds at the toe of the slope, which indicate saturated conditions in the soil.

Geologic Review

The Site is located on the north side of the Olympic mountain range, about 2 miles south of the shoreline of the Strait of Juan de Fuca, within the geologic area known as the Puget Lowland. The Puget Lowland is a complex tectonic environment and an area of tectonic subsidence flanked by two mountain ranges—the Cascades to the east, and the Olympics to the west. The sediments

within the Puget Lowland result from repeated cycles of glacial and non-glacial deposition and erosion. The most recent, the Vashon Stade of the Fraser Glaciation (about 13,000 to 16,000 years ago), is responsible for most of the present day geologic and topographic conditions. During the Vashon Stade, the Cordilleran ice sheet advanced into the Puget Lowland. As the Cordilleran ice sheet advanced southward, lacustrine and fluvial sediments were deposited in front of the glacier. Pre-glacial and proglacial sediments were overridden and consolidated by the advancing glacier creating dense and hard soil deposits. At the interface between the advance soils and the glacial ice, the Cordilleran ice sheet sculpted and smoothed the surface, and then deposited a consolidated basal till. As the Cordilleran ice sheet retreated northward from Puget Lowlands to British Columbia, it left an unconsolidated sediment veneer over glacially consolidated deposits. Unconsolidated recessional and post-glacial alluvial and mass-wasting soils (colluvium) have accumulated over the glacially consolidated deposits.

The large-scale geologic map (Schasse, 2003) indicates that McDonald Creek bed is mapped as undifferentiated surficial deposits (Qguc) with Vashon recessional outwash (Qgo) mapped on the left bank and undivided, Vashon Drift (Qgd) mapped on the right bank. The small-scale geologic map (Schasse and Wegmann, 2000) indicates that the creek bed is mapped as older alluvium (Qoa) with pre-Vashon-age glacial and nonglacial deposits (Qguc) mapped on the left bank and undivided, Vashon Drift (Qgd) mapped on the right bank.

The older alluvium is described as a crudely stratified cobbly, pebbly, and boulder gravel in a matrix of sand, silt, and clay deposited by the McDonald Creek after recession of the Cordilleran ice sheet. The undivided, Vashon Drift applies to all of the glacial deposits from the advance of the glaciers during the Vashon Stade which includes advance outwash, glaciolacustrine deposit, basal till, and recessional outwash. The pre-Vashon-age glacial and nonglacial deposits applies to all of the deposits that pre-date the Vashon Stade. In the Site area, these deposits are thought to be 300 feet and greater.

Subsurface Explorations

Aspect observed and evaluated subsurface conditions by observing several outcrops, OC-1 through OC-4, along the banks of McDonald Creek, advancing two hand explorations, HE-01 and HE-02, and advancing two Dynamic Cone Penetrometer Tests (DCPTs), DCPT-1 and DCPT-2. Approximate locations of the explorations are shown on Figure 2, the hand exploration logs are included as Appendix A, the DCPT logs are included as Appendix B, and the outcrops are described below.

Aspect observed several outcrops along the banks of McDonald Creek. Along the right bank of the diversion channel in outcrops OC-1 and C-3, we observed a stiff, gray CLAY (CL) with medium plasticity and blocky texture, which we interpreted as glaciolacustrine deposits. We also observed the same *in situ* lacustrine deposits underlying the rip-rap between the creek and the diversion channel near OC-1.

Along the left bank further downstream in outcrop OC-2, we observed a hard, alternating light gray and dark gray beds of SILT (ML) and CLAY (CL) overlying a very dense, brown, SILTY GRAVEL WITH SAND (GM). We interpret this outcrop as glaciolacustrine deposits overlying a pre-Vashon deposit.

Near the top of the steep slope on the left bank of the creek in outcrop OC-4, we observed loose, moist, brown, SILTY SAND (SM) in a localized area of relatively sparse vegetation. We interpreted this soil as colluvium.

Aspect advanced two hand explorations, HE-01 and HE-02, to attempt to observe the subsurface soil and groundwater conditions under the rip rap and fill materials placed for the dam between the creek bed and the diversion channel. We used hand exploration tools (shovel and post-hole digger) to advance the two explorations. The explorations were advanced 0.5 to 1 foot below ground surface (bgs). Neither hand exploration was able to penetrate below the fill materials due to the size of the gravels.

Relative density was quantitatively assessed by advancing two DCPTs, DCPT-1 and DCPT-2. DCPT-1 was advanced to a depth of 8.2 feet below the bottom of the diversion channel, encountering generally very stiff consistencies from 0 to 5.2 feet of depth, then hard consistency from 5.3 to 8.2 feet of depth. DCPT-2 was advanced to a depth of 1.6 feet below the bottom of the diversion channel, into an outcrop of the gray CLAY (CL) lacustrine deposit. In DCPT-2, we encountered medium stiff consistency from 0 to 0.3 feet of depth, stiff consistency from 0.3 to 1.3 feet of depth, and very stiff consistency from 1.3 to 1.6 feet of depth.

Previous Subsurface Explorations

In 2013, the Washington State Department of Transportation (WSDOT) widened the U.S. Route 101 overpass over McDonald Creek. As part of the design for this new overpass, four borings, H-1-97, H-2-97, H-3-97, and H-4-97, were advanced for the geotechnical investigation to support the highway bridge expansion project (WSDOT, 1997). The site plan showing the locations of the borings, the cross section, and the boring logs are included in Appendix C.

The borings were advanced less than 100 feet north of the Site area using mud rotary drilling techniques. The borings encountered five major soil/rock units (in depositional order): fill, alluvium, glaciolacustrine deposit, glacially-overridden deposits, and siltstone/sandstone bedrock. Fill material refers to human-placed soils. Fill was encountered in two of the borings 8 to 11.5 feet below the existing ground surface (bgs). Alluvium was encountered in all four borings extending 8 to 19.5 feet bgs. Glaciolacustrine deposits were encountered in two of the borings under the alluvium extending 39 to 43 feet bgs. Glacially-overridden deposits were encountered underlying the alluvium or the glaciolacustrine deposits extending 38 to 59.5 feet bgs. Two of the borings were terminated in the glacially-overridden deposits. Two of the borings were terminated 68.5 to 80 feet bgs in the siltstone/sandstone bedrock that was encountered under the glacially-overridden deposits.

Groundwater

Groundwater was encountered in three of the borings, H-2-97, H-3-97, and H-4-97, at elevations consistent with the creek water level (WSDOT, 1997).

Landslide Hazards

No published geologic or geohazard map identifies landslide deposits at or near the Site. The Clallam County Critical Area Map does designate areas along McDonald Creek as a Landslide Hazard Area (Clallam County, 2015). We reviewed aerial photographs of the local Site area from 1954 through 2017 and did not observe evidence (e.g., loss of vegetation) of recent landslides at or near the Site (Google, 2018 and NETR, 2018).

At the time of our reconnaissance, we observed evidence of recent toppling failures on the left bank across from the southern half of the diversion structure at outcrop OC-2. Topples involve masses of soil peeling off along naturally-occurring tension cracks which form in soils at the crest of steep slopes, in this case where the stream channel is incising, creating oversteepened banks and actively undercutting stream banks. Topple failures were observed to be typically 1 to 3 feet thick and less than 10 feet high and varied in length between 5 feet to over 20 feet. The banks exposed by the topples were typically unvegetated and composed of in-place glaciolacustrine deposits.

We also observed evidence of recent shallow flow landslides on the Site's right bank near the dam, including an approximately 5-foot-tall scarp with sparse vegetation. Shallow flow landslides consist of relatively shallow failures that typically involve sliding of loose colluvial soil and overlying vegetation that typically mantles steep slopes. Shallow flows can also occur over time, in a process called creep, in which surficial soils slowly move downslope. We observed multiple mature evergreen trees displaying pistol-butt trunk curvature at the base of the tree along the top of this slope, suggesting active creep of the slope. The steep nature of the slopes and presence of colluvium make the Site susceptible to small surficial or debris landslides. Any shallow failures would likely be limited to the upper few feet of soil and would not affect the global slope stability. Recommendations for managing the Site slopes are included in our recommendations section below.

Conclusions and Recommendations

We completed a geotechnical engineering analyses to support design of the proposed infrastructure improvements and channel restoration with a specific emphasis on slope stability, foundations capacities, constructability, and erosion hazards. The results of this analysis are presented in the following subsections.

Seismic Design Considerations

The Site is located in an area of active seismicity that is subject to earthquakes on shallow crustal faults and deeper subduction zone earthquakes. The Site lies with the Lake Creek-Boundary Creek fault on the north flank of the Olympic Mountains. This fault consists of shallow crustal tectonic structures that are considered active (evidence for movement within the Holocene [since about 15,000 years ago]) with a recurrence interval thought to be on the order of 600 to 2,000 years (Nelson et al., 2007).

The Site also lies within the zone of strong ground shaking from earthquakes associated with the Cascadia Subduction Zone (CSZ). Subduction zone earthquakes occur due to rupture between the subducting oceanic plate and the overlying continental plate. The CSZ can produce earthquakes up to magnitude 9.3 and the recurrence interval is thought to be on the order of about 500 years. A recent study estimates the most recent subduction zone earthquake occurred around 1700 (Atwater et al., 2015).

Deep intraslab earthquakes, which occur from tensional rupture of the sinking oceanic plate, are also associated with the CSZ. An example of this type of seismicity is the 2001 Nisqually earthquake that occurred in the Puget Sound area. Deep intraslab earthquakes typically are magnitude 7.5 or less and occur approximately every 10 to 30 years.

The following sections present descriptions of seismic design considerations for the Project.

Ground Response

The American Association of State Highway Transportation Officials (AASHTO) seismic design is based on an event with a 1,000-year return period (AASHTO, 2017). The U.S. Geological Survey created a tool as a quick reliable way to look up key design parameters using the probabilistic ground motion studies and maps for Washington. Seismic design should be completed with the specific ground motion parameters listed in the table below.

Design Parameter	Recommended Value
Site Class	D
Peak Ground Acceleration (PGA)	0.376g
Short Period Spectral Acceleration (S_s)	0.829g
1-Second Period Spectral Acceleration (S_1)	0.320g
Site Coefficient (F_{PGA})	1.124
Site Coefficient (F_a)	1.169
Site Coefficient (F_v)	1.760
Design Ground Acceleration (A_s)	0.422g
Design Short Period Spectral Acceleration (S_{DS})	0.968g
Design 1-Second Period Spectral Acceleration (S_{D1})	0.563g

Notes:
1. g= gravitational force
2. Based on the latitude and longitude of the Site: 48.089191°N, 123.236479°W

Surficial Ground Rupture

Due to the suspected long recurrence interval and the proximity of the Site from the mapped fault trace, the potential for surficial ground rupture at the Site is considered low during the expected life of the Project.

Liquefaction

Liquefaction occurs when loose, saturated, and relatively cohesionless soil deposits temporarily lose strength from seismic shaking. The primary factors controlling the onset of liquefaction include intensity and duration of strong ground motion, characteristics of subsurface soil, *in situ* stress conditions, and the depth to groundwater.

The Washington State Department of Natural Resources (DNR) maps the Site as having very low liquefaction susceptibility (DNR, 2004). Given the relative density, grain-size distribution, and geologic origin of the soils at the Site, we do not consider liquefaction to be a significant hazard for the Project.

Slope Stability

The most likely impact from slope instability to the Site would be topples within the creek channel and shallow flow landslides triggered by saturation of the near-surface soils. Both topples and shallow flow landslides can also be caused by toe erosion due to the flowing creek water. Our observations of native glaciolacustrine deposits comprising the bottom of the diversion channel and underlying the rip-rap suggest that the toe of the right bank was cut to create the existing diversion channel. We recommend implementing scour protection at the toe of the slope to prevent further erosion.

We recommend maintaining dense vegetative groundcover on the Site slopes outside of the construction area and in areas where bank instability could adversely impact the planned improvements. If soils on or near the slopes become exposed through erosion and/or shallow failures, we recommend immediately covering and aggressively revegetating the exposed area. This may require the placement of plastic sheeting replaced by a woven jute-mat to provide temporary ground cover while vegetation takes root.

Foundation Considerations

During excavation for the new structure foundations, diversion of the creek will be necessary. Foundation excavations should be protected and kept dry. All foundation bearing surfaces should be trimmed neat, and carefully prepared. All loose or softened soil should be removed from the bearing surface or compacted in-place prior to placing concrete or structural fill. We recommend that all bearing surfaces be observed by the Geotechnical Engineer to verify that the recommendations of this report have been followed.

For spread footings gaining support from the suitable bearing stratum described above, we recommend an allowable, net foundation bearing pressure of 2,500 pounds per square foot (psf) be utilized for design purposes, including both dead and live loads for the proposed structures.

An increase in the allowable bearing pressures of one-third may be used for short-term wind or seismic loading. Perimeter footings should be buried at least 18 inches into the surrounding soil for frost protection; interior footings require only 12 inches burial below adjacent finished grade. No footing should be founded in or above yielding/loose or organic soils.

We estimate the total settlement of the foundation designed in accordance with our recommendations will be less than 1 inch. Differential settlements can be expected to be less than half the total settlement. The majority of these settlements will occur during construction as the loads are applied.

Wind, earthquakes, and unbalanced earth loads will subject the proposed structure to lateral forces. Lateral forces on a structure will be resisted by a combination of sliding resistance of its base or footing on the underlying soil and passive earth pressure against the buried portions of the structure. For use in design, an ultimate coefficient of friction of 0.35 may be assumed along the interface between the base of the footing and subgrade soils. An ultimate passive earth pressure of 350 pounds per cubic foot (pcf) may be assumed for undisturbed soils adjacent to below-grade elements. The upper 1 foot of passive resistance should be neglected in design, unless the ground is protected/surfaced by pavement. The recommended coefficient of friction and passive pressure values are ultimate values that do not include a safety factor. We recommend applying a factor of

safety of at least 1.5 in design for determining allowable values for coefficient of friction and passive pressure.

Earth Pressures

We understand the new structures will retain both existing slopes at the Site and flat backfill. Table 1 presents values that can be used for lateral earth pressures for design of the proposed structures. Imported structural fill should follow the recommendations of the **Structural Fill and Compaction** section of this letter.

Table 1. Earth Pressure Design Criteria

Soil Unit	Unit weight (pcf)	Active earth pressure coefficient (Ka)	Passive earth pressure coefficient (Kp)[1]	Seismic Pressure
On-Site glaciolacustrine deposits	115	0.33/0.48[2]	3.0	24H/11H[2,3]
Imported structural fill[4]	130	0.28	3.5	8H

Notes:

1. Passive earth pressures are ultimate values and an appropriate safety factor should be applied.
2. Flat/sloped backfill (backfill slope assumed to be 1H:1V). Linear interpolation can be used for slopes flatter than 1H:1V (Horizontal:Vertical)
3. H is the height of the wall.
4. Only flat backfill conditions were calculated for imported structural fill. Based on our understanding of the plans, there are no instances of sloped backfill on the Project.

These values assume there is no additional surcharge loading from traffic or slopes steeper than indicated. These earth pressures also assume that proper drainage will be installed to prevent the buildup of hydrostatic pressure behind the structure walls. Drainage can be achieved by using a free draining material with perforated pipes to discharge the collected water. We recommend the use of Gravel Backfill for Walls per 9-03.12(2) of the WSDOT Standard Specifications (WSDOT, 2020) or similar material with maximum fines content of 5 percent be used for drainage behind the structure walls.

Construction Recommendations

Earthwork is typically most economical when performed under dry weather conditions and when creek levels are low. Appropriate erosion control measures should be implemented prior to beginning earthwork activities in accordance with the local regulations. In our opinion, excavation at the Site can generally be accomplished using standard excavation equipment. While not directly observed in our subsurface explorations, the presence of potential obstructions in any undocumented fill or surficial materials (e.g., boulders) should be anticipated. The soils encountered at the Site contain a significant percentage of fines (particles passing the U.S. Standard No. 200 sieve), making them moisture sensitive and subject to disturbance when wet.

Temporary and Permanent Slopes

Maintenance of safe working conditions, including temporary excavation stability, is the responsibility of the Contractor. All temporary cuts in excess of 4 feet in height that are not protected by trench boxes or otherwise shored should be sloped in accordance with Part N of Washington Administrative Code (WAC) 296-155 (WAC, 2009), as shown in Table 2 below.

Table 2. Temporary Excavation Cut Slope Recommendations

Soil Unit	OSHA Soil Classification	Maximum Temporary Slope	Maximum Height (ft)
Fill	C	1.5H:1V	20
Glaciolacustrine Deposits	B	1H:1V	20

Notes:
OSHA = Occupational Safety and Health Administration
H:V = Horizontal:Vertical

The estimated maximum cut slope inclinations are provided for planning purposes only and are applicable to excavations without groundwater seepage or runoff and assume dewatered conditions. Flatter slopes will likely be necessary in areas where groundwater seepage exists, or where construction equipment surcharges are placed in close proximity to the crest of the excavation.

With time and the presence of seepage and/or precipitation, the stability of temporary unsupported cut slopes can be significantly reduced. Therefore, all temporary slopes should be protected from erosion by installing a surface water diversion ditch or berm at the top of the slope. In addition, the Contractor should monitor the stability of the temporary cut slopes and adjust the construction schedule and slope inclination accordingly. Vibrations created by traffic and construction equipment may cause caving and raveling of the temporary slopes. In such an event, lateral support for the temporary slopes should be provided by the Contractor to prevent loss of ground support.

Permanent slopes for the Project should be no steeper than 2H:1V (Horizontal:Vertical).

Structural Fill and Compaction

Structural fill may be necessary for this Project. Excavated material should be visually inspected by the Geotechnical Engineer to determine its potential use as structural fill. Excavated material that is unsuitable as structural fill may be suitable as backfill for unimproved areas (i.e., landscaped areas) that are not susceptible to differential settlement over time.

From a geotechnical standpoint, likely that the fine-grained glaciolacustrine deposits will not be suitable for reuse as structural fill on the Project due to its moisture sensitivity and difficulty in achieving uniform compaction.

Imported structural fill should consist of relatively freely draining, uniformly graded sand and gravel. We recommend Gravel Borrow, as specified in Section 9 03.14(1) of the Standard Specifications (WSDOT, 2020), be specified for imported structural fill.

If impermeable soil is required, the glaciolacustrine soils may be used or alternatively control density fill (CDF) can be used and may be easier to place and compact.

The procedure to achieve the specified minimum relative compaction depends on the size and type of compacting equipment, the number of passes, thickness of the layer being compacted, and certain soil properties. When there are restrictions on the use of heavy equipment, smaller equipment can be used, but the soil must be placed in thin enough lifts to achieve the required

compaction. A sufficient number of in-place density tests should be performed as the fill is placed to verify the required relative compaction is being achieved. The frequency of the in-place density testing can be determined at the time of final design, when more details of the Project grading and backfilling plans are available.

Structural fill should be at or near optimum moisture content at the time of placement and should be compacted to at least 95 percent of the maximum dry density (MDD) as determined by test method ASTM International D1557. In non-structural areas, fill should be placed and compacted to a moderately firm/dense condition.

Generally, loosely compacted soils are a result of poor construction technique or improper moisture content. Soils with a high percentage of silt or clay are particularly susceptible to becoming too wet, and coarse-grained materials easily become too dry, for proper compaction. Silty or clayey soils with a moisture content too high for adequate compaction should be dried as necessary, or moisture conditioned by mixing with drier materials, or other methods.

Erosions Hazards

To prevent Site erosion during construction, appropriate temporary erosion and sedimentation control (TESC) measures should be used in accordance with the recommendations above and the local BMPs. Specific TESC measures may include appropriately placed silt fencing, straw wattles, rock check dams, and plastic covering of exposed slope cuts and soil stockpiles. Outside of the proposed construction areas, the existing vegetation should be retained.

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Limitations

Work for this project was performed for Anchor QEA, LLC (Client), and this report was prepared consistent with recognized standards of professionals in the same locality and involving similar conditions, at the time the work was performed. No other warranty, expressed or implied, is made by Aspect Consulting, LLC (Aspect).

Recommendations presented herein are based on our interpretation of site conditions, geotechnical engineering calculations, and judgment in accordance with our mutually agreed-upon scope of work. Our recommendations are unique and specific to the project, site, and Client. Application of this report for any purpose other than the project should be done only after consultation with Aspect.

Variations may exist between the soil and groundwater conditions reported and those actually underlying the site. The nature and extent of such soil variations may change over time and may not be evident before construction begins. If any soil conditions are encountered at the site that are different from those described in this report, Aspect should be notified immediately to review the applicability of our recommendations.

Risks are inherent with any site involving slopes and no recommendations, geologic analysis, or engineering design can assure slope stability. Our observations, findings, and opinions are a means to identify and reduce the inherent risks to the Client.

It is the Client's responsibility to see that all parties to this project, including the designer, contractor, subcontractors, and agents, are made aware of this report in its entirety. At the time of this report, design plans and construction methods have not been finalized, and the recommendations presented herein are based on preliminary project information. If project developments result in changes from the preliminary project information, Aspect should be contacted to determine if our recommendations contained in this report should be revised and/or expanded upon.

The scope of work does not include services related to construction safety precautions. Site safety is typically the responsibility of the contractor, and our recommendations are not intended to direct the contractor's site safety methods, techniques, sequences, or procedures. The scope of our work also does not include the assessment of environmental characteristics, particularly those involving potentially hazardous substances in soil or groundwater.

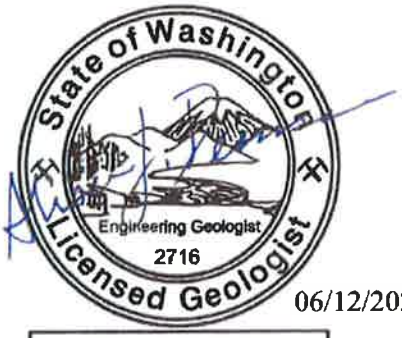
All reports prepared by Aspect for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect. Aspect's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

Please refer to Appendix D titled "Report Limitations and Guidelines for Use" for additional information governing the use of this report.

We appreciate the opportunity to perform these services.

Sincerely,

Aspect consulting, LLC



06/12/2020

Alison J. Dennison

Alison J. Dennison, LEG
Senior Project Engineering Geologist
adennison@aspectconsulting.com

06/12/2020

Henry H. Haselton, PE, PMP
Principal Geotechnical Engineer
hhaselton@aspectconsulting.com

Attachments:

Figure 1 – Site Location Map
Figure 2 – Site Exploration Plan – Existing Conditions
Appendix A – Hand Exploration Logs
Appendix B – DCPT Logs
Appendix C – Excerpts from the WSDOT McDonald Creek Geotechnical Report
Appendix D – Report Limitations and Guidelines for Use

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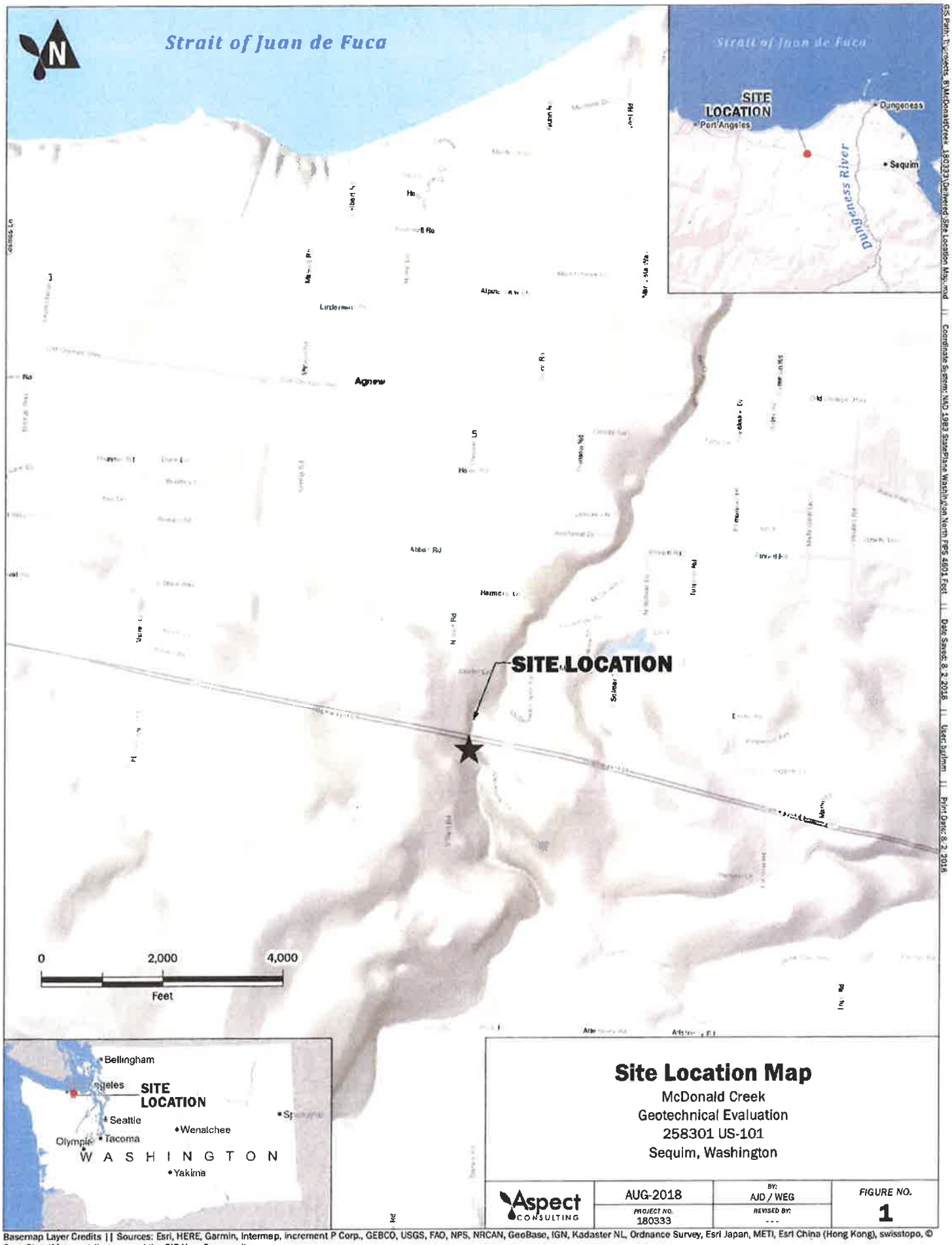
FIGURES



Site Location Map

McDonald Creek
Geotechnical Evaluation
258301 US-101
Sequim, Washington

Aspect Consulting	AUG-2018	BY: AJD / WEG	FIGURE NO. 1
	PROJECT NO. 180333	REVISED BY: ---	

Basemap Layer Credits || Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community
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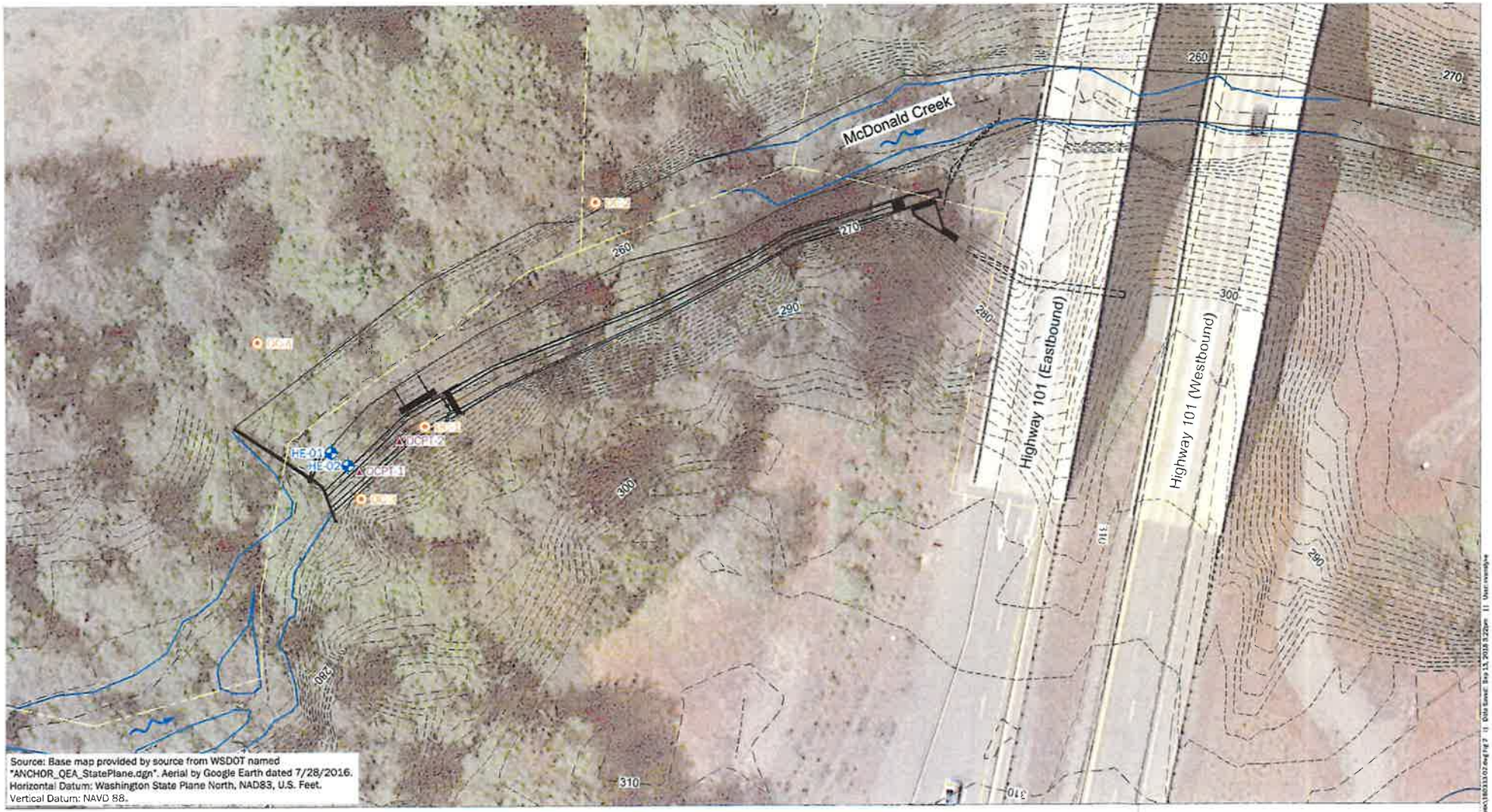


Source: Base map provided by source from WSDOT named "ANCHOR_QEA_StatePlane.dgn". Aerial by Google Earth dated 7/28/2016. Horizontal Datum: Washington State Plane North, NAD83, U.S. Feet. Vertical Datum: NAVD 88.

Legend

- Hand Exploration Location
- Outcrop Location
- DCPT Location
- 280 Existing Contours
- Edge of McDonald Creek

0 40 80 Feet

Site Exploration Plan - Existing Conditions

Geotechnical Evaluation Report
McDonald Creek
258301 US-101
Sequim, Washington

Aspect Consulting	Sep-2018	AJD/CMV	FIGURE NO.
	PROJECT NO. 180333		2

APPENDIX A

Hand Exploration Logs

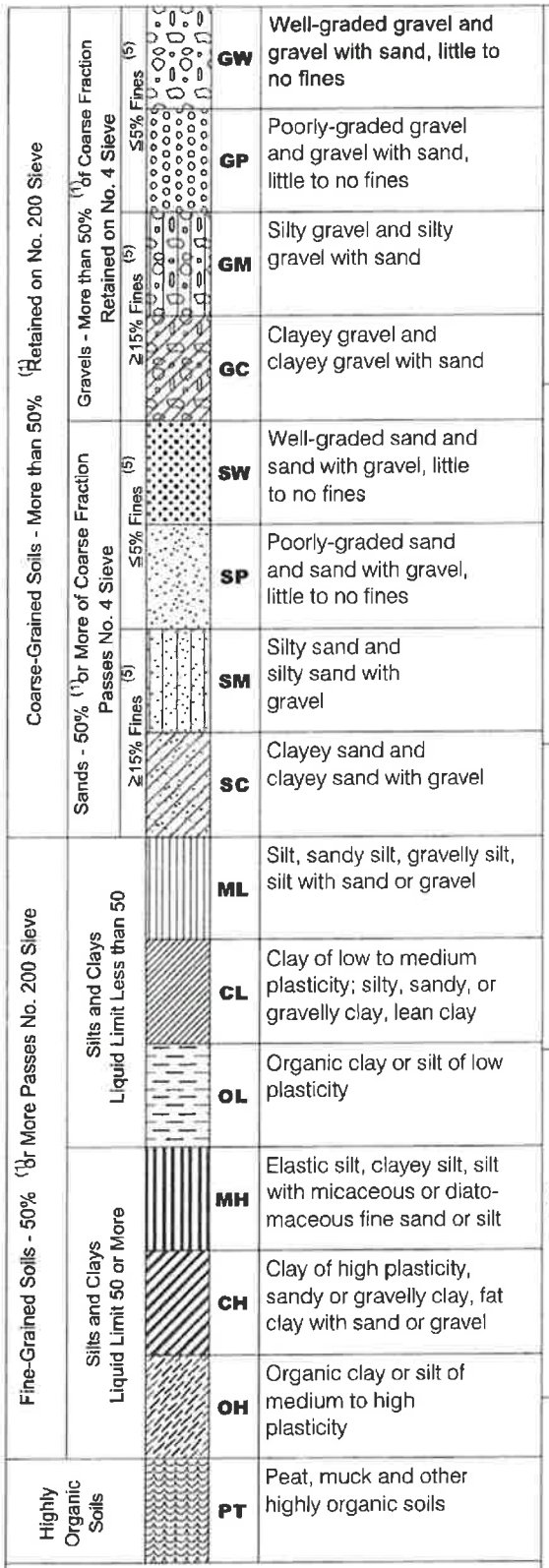
A. Hand Explorations

Aspect advanced hand explorations to collect subsurface soil, groundwater, and relative density information.

We used shovels and posthole diggers to advance two explorations, HE-01 and HE-02 to depths ranging from 0.5 feet to 1-foot bgs at locations shown on Figure 2. The hand holes were backfilled with the in-situ soils and tamped into place.

Soils were classified in general accordance with ASTM International D2488, *Standard Practice for Description and Identification of Soils* (ASTM, 2012). Detailed descriptions of the subsurface conditions encountered in our explorations, as well as the depths where characteristics of the soils changed, are indicated on the soil logs presented in Appendix A. The summary exploration log represents our interpretation of the contents of the field logs. The stratigraphic contacts shown on the individual summary logs represent the approximate boundaries between soil types; actual transitions may be more gradual. The subsurface conditions depicted are only for the specific date and locations reported, and therefore, are not necessarily representative of other locations and times. A key to the symbols and terms used on the logs is provided in Figure A-1.

Relative density was quantitatively assessed continuously with the Wildcat Dynamic Cone Penetrometer Testing (DCPT) at two locations, DCPT-01 and DCPT-02 at locations shown on Figure 2. The DCPT involves a 35-pound steel mass falling 15 inches to strike an anvil, which drives a 1.1-inch-diameter cone into the soil. The number of blows required to drive the cone 1.75 inches is considered one data point. The DCPT data has been correlated with Standard Penetration Test (SPT) results to provide a more refined estimate of soil relative density and consistency. If a total of 50 blows are recorded for a single 1.75-inch interval, the test is terminated and the blow count is recorded as 50 blows for the total inches of penetration.



Terms Describing Relative Density and Consistency

	Density	SPT (2) blows/foot
Coarse-Grained Soils	Very Loose	0 to 4
	Loose	4 to 10
	Medium Dense	10 to 30
	Dense	30 to 50
	Very Dense	>50

	Consistency	SPT (2) blows/foot
Fine-Grained Soils	Very Soft	0 to 2
	Soft	2 to 4
	Medium Stiff	4 to 8
	Stiff	8 to 15
	Very Stiff	15 to 30
	Hard	>30

Test Symbols

FC = Fines Content
G = Grain Size
M = Moisture Content
A = Atterberg Limits
C = Consolidation
DD = Dry Density
K = Permeability
Str = Shear Strength
Env = Environmental
PID = Photoionization Detector

Component Definitions

Descriptive Term	Size Range and Sieve Number
Boulders	Larger than 12"
Cobbles	3" to 12"
Gravel	3" to No. 4 (4.75 mm)
Coarse Gravel	3" to 3/4"
Fine Gravel	3/4" to No. 4 (4.75 mm)
Sand	No. 4 (4.75 mm) to No. 200 (0.075 mm)
Coarse Sand	No. 4 (4.75 mm) to No. 10 (2.00 mm)
Medium Sand	No. 10 (2.00 mm) to No. 40 (0.425 mm)
Fine Sand	No. 40 (0.425 mm) to No. 200 (0.075 mm)
Silt and Clay	Smaller than No. 200 (0.075 mm)

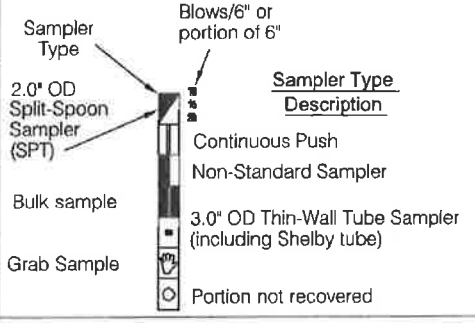
(3) Estimated Percentage

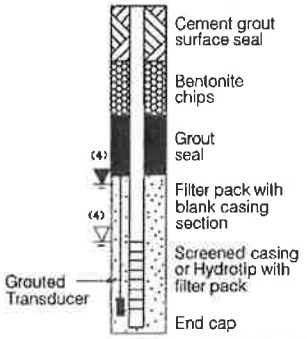
Percentage by Weight	Modifier
<5	Trace
5 to 15	Slightly (sandy, silty, clayey, gravelly)
15 to 30	Sandy, silty, clayey, gravelly)
30 to 49	Very (sandy, silty, clayey, gravelly)

Moisture Content

Dry - Absence of moisture, dusty, dry to the touch
Slightly Moist - Perceptible moisture
Moist - Damp but no visible water
Very Moist - Water visible but not free draining
Wet - Visible free water, usually from below water table

Symbols





(1) Percentage by dry weight
(2) (SPT) Standard Penetration Test (ASTM D-1586)
(3) In General Accordance with Standard Practice for Description and Identification of Soils (ASTM D-2488)
(4) Depth of groundwater ▽ ATD = At time of drilling ▼ Static water level (date) BGS = below ground surface
(5) Combined USCS symbols used for fines between 5% and 15% as estimated in General Accordance with Standard Practice for Description and Identification of Soils (ASTM D-2488)

Classifications of soils in this report are based on visual field and/or laboratory observations, which include density/consistency, moisture condition, grain size, and plasticity estimates and should not be construed to imply field or laboratory testing unless presented herein. Visual-manual and/or laboratory classification methods of ASTM D-2487 and D-2488 were used as an identification guide for the Unified Soil Classification System.

Aspect CONSULTING

Exploration Log Key

PROJECT NO.

FIGURE NO. A-1

Q:_ACAD Standards\Standard Details\Exploration Log Key B1.dwg

Aspect CONSULTING	McDonald Creek - 180333		Geotechnical Exploration Log	
	Project Address & Site Specific Location		*Coordinates*	*Exploration Number*
	258301 US-101, Sequim, WA 98382, Adjacent to NE corner of fish ladder		NA	**HE-01**
Contractor	*Equipment*	*Sampling Method*	*Ground Surface Elev.*	
N/A	Hand	Grab	277' (est)	
Operator	*Exploration Method(s)*	*Work Start/Completion Dates*	*Top of Casing Elev.*	*Depth to Water (Below GS)*
N/A	Hand tools	7/20/2018	NA	No Water Encountered

Depth (feet)	Elev. (feet)	Exploration Completion and Notes	Sample Type/ID	Blows/foot ▲ Water Content (%)● 0 10 20 30 40 50	Blows/6"	Tests	Material Type	Description	Depth (ft)
		Gravel and cobbles left in situ						**RIP-RAP** GRAVEL (GP); very dense, dry, dark brown; impenetrable coarse gravel, cobble, and boulder berm	
								Bottom of exploration at 0.5 ft. bgs.	
1	276								1
2	275								2
3	274								3
4	273								4

Legend

Sample Type

Plastic Limit ⊢—⊣ Liquid Limit

Water Level — No Water Encountered

See Exploration Log Key for explanation of symbols

Logged by: NHC/WEG
Approved by: AJD

Exploration Log HE-01
Sheet 1 of 1

NEW STANDARD EXPLORATION LOG TEMPLATE P:\GINT\PROJECTS\2018_MCDONALDCREEK_180333.GPJ June 12, 2020

Aspect CONSULTING	McDonald Creek - 180333		Geotechnical Exploration Log	
	Project Address & Site Specific Location: 258301 US-101, Sequim, WA 98382, Left bank of irrigation canal, east of HE-01		Coordinates: NA	Exploration Number: HE-02
Contractor: N/A	Equipment: Hand	Sampling Method: Grab	Ground Surface Elev.: 277' (est)	
Operator: N/A	Exploration Method(s): Hand tools	Work Start/Completion Dates: 7/20/2018	Top of Casing Elev.: NA	Depth to Water (Below GS): No Water Encountered

Depth (feet)	Elev. (feet)	Exploration Completion and Notes	Sample Type/ID	Blows/foot ▲ Water Content (%)● 0 10 20 30 40 50	Blows/6"	Tests	Material Type	Description	Depth (ft)
			S2					**FILL** CLAY (CH); very loose, wet, brown, orange, and light gray; numerous organic fragments, malleable clay-like substance, few gravels	
1	276	Hole filled with the same material as the sample						Bottom of exploration at 1 ft. bgs.	1
2	275								2
3	274								3
4	273								4

Legend

Sample Type

Plastic Limit ⊢——⊣ Liquid Limit

Water Level: No Water Encountered

See Exploration Log Key for explanation of symbols

Logged by: NHC/WEG
Approved by: AJD

Exploration Log HE-02
Sheet 1 of 1

NEW STANDARD EXPLORATION LOG TEMPLATE P:\GINTW\PROJECTS\2018_MCDONALDCREEK_180333.GPJ June 12, 2020

APPENDIX B

DCPT Logs

WILDCAT DYNAMIC CONE LOG

Aspect Consulting
350 Madison Avenue North
Bainbridge Island, WA 98110

PROJECT NUMBER: 180333
DATE STARTED: 07-20-2018
DATE COMPLETED: 07-20-2018

HOLE #: DCPT-1
CREW: NHC and WEG
PROJECT: McDonald Creek
ADDRESS: 258301 US-101
LOCATION: Sequim, WA

SURFACE ELEVATION: 289 ft.
WATER ON COMPLETION: 1 ft. above ground surface
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY SAND & SILT	TESTED CONSISTENCY CLAY
-	19	84.4	•••••••••••••••••••••••	24	MEDIUM DENSE	VERY STIFF
-	29	128.8	•••••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 1 ft	18	79.9	•••••••••••••••••••••••	22	MEDIUM DENSE	VERY STIFF
-	16	71.0	••••••••••••••••••••	20	MEDIUM DENSE	VERY STIFF
-	15	66.6	•••••••••••••••••••	19	MEDIUM DENSE	VERY STIFF
- 2 ft	15	66.6	•••••••••••••••••••	19	MEDIUM DENSE	VERY STIFF
-	20	88.8	•••••••••••••••••••••••••	25	MEDIUM DENSE	VERY STIFF
-	16	71.0	••••••••••••••••••••	20	MEDIUM DENSE	VERY STIFF
- 3 ft	25	111.0	•••••••••••••••••••••••••••••••	-	DENSE	HARD
- 1 m	29	128.8	•••••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	19	73.3	••••••••••••••••••••••	20	MEDIUM DENSE	VERY STIFF
- 4 ft	27	104.2	••••••••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
-	26	100.4	••••••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
-	23	88.8	•••••••••••••••••••••••••	25	MEDIUM DENSE	VERY STIFF
- 5 ft	18	69.5	••••••••••••••••••••	19	MEDIUM DENSE	VERY STIFF
-	20	77.2	••••••••••••••••••••••	22	MEDIUM DENSE	VERY STIFF
-	36	139.0	•••••••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 6 ft	38	146.7	••••••••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	35	135.1	•••••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 2 m	34	131.2	•••••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 7 ft	40	136.8	•••••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	45	153.9	••••••••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	45	153.9	••••••••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 8 ft	48	164.2	••••••••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	53	181.3	••••••••••••••••••••••••••••••••••••••	-	VERY DENSE	HARD
-						
- 9 ft						
-						
-						
- 3 m 10 ft						
-						
-						
-						
- 11 ft						
-						
-						
- 12 ft						
-						
-						
- 4 m 13 ft						

WILDCAT DYNAMIC CONE LOG

Aspect Consulting
350 Madison Avenue North
Bainbridge Island, WA 98110

PROJECT NUMBER: 180333
DATE STARTED: 07-20-2018
DATE COMPLETED: 07-20-2018

HOLE #: DCPT-2
CREW: NHC and WEG
PROJECT: McDonald Creek
ADDRESS: 258301 US-101
LOCATION: Sequim, WA

SURFACE ELEVATION: 286 ft.
WATER ON COMPLETION: 1 ft. above ground surface
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

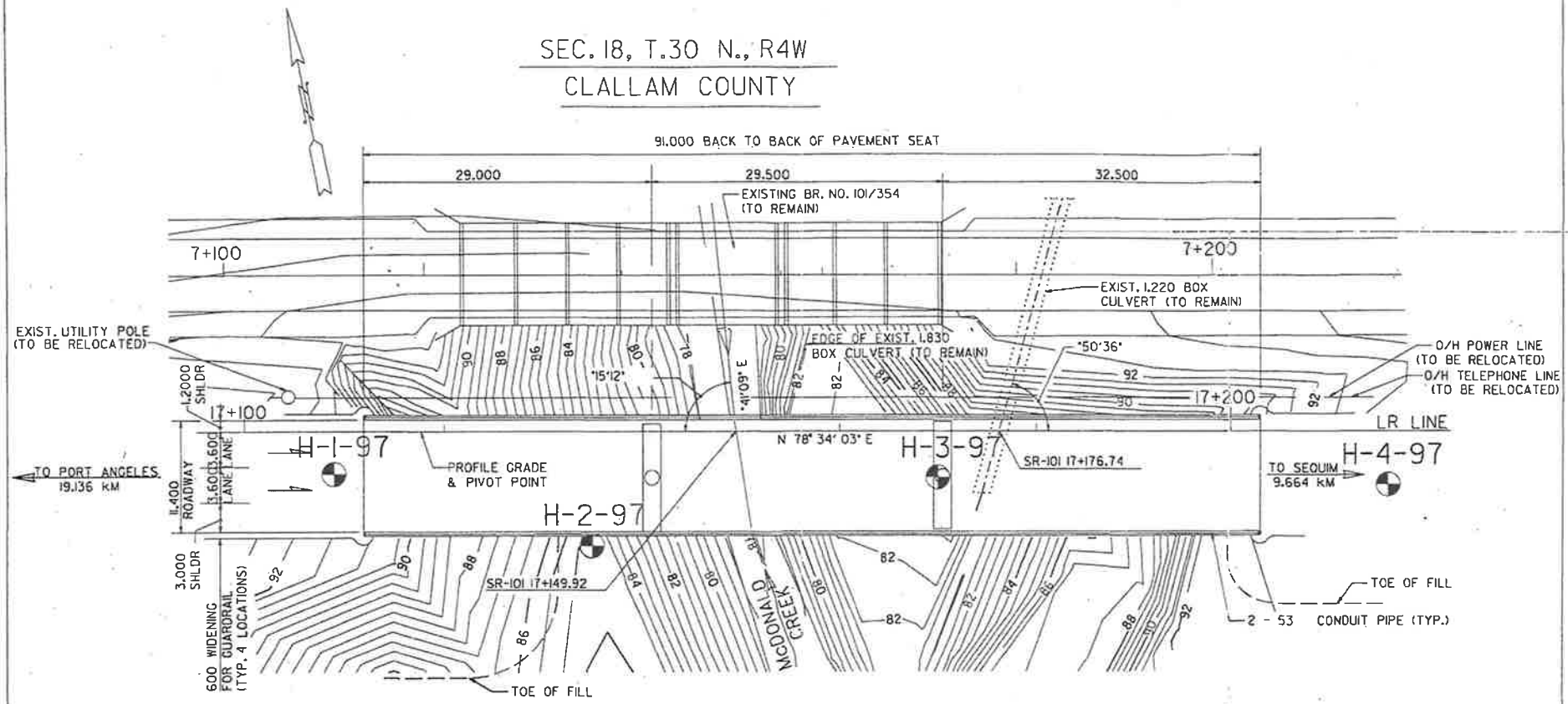
DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY SAND & SILT	TESTED CONSISTENCY CLAY
	6	26.6	•••••••	7	LOOSE	MEDIUM STIFF
	9	40.0	••••••••••••	11	MEDIUM DENSE	STIFF
1 ft	11	48.8	••••••••••••••	13	MEDIUM DENSE	STIFF
	11	48.8	••••••••••••••	13	MEDIUM DENSE	STIFF
	14	62.2	••••••••••••••••••	17	MEDIUM DENSE	VERY STIFF
2 ft						
3 ft						
1 m						
4 ft						
5 ft						
6 ft						
2 m						
7 ft						
8 ft						
9 ft						
3 m 10 ft						
11 ft						
12 ft						
4 m 13 ft						

APPENDIX C

Excerpts from the WSDOT McDonald Creek Geotechnical Report

SEC. 18, T.30 N., R4W

CLALLAM COUNTY



TEST HOLE PLAN

JOB 0L-1233 S.R. 101 C.S. 0504

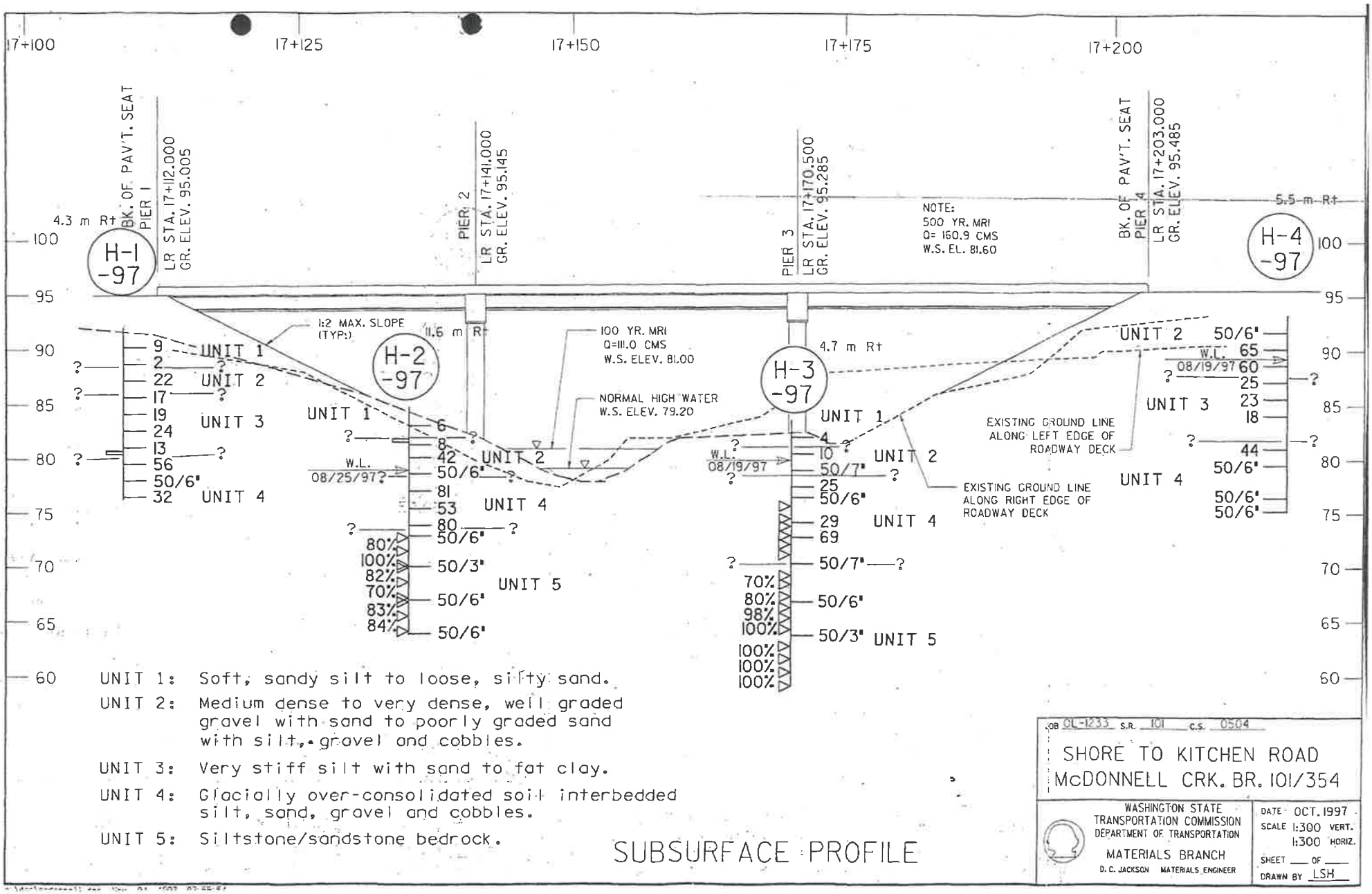
SHORE TO KITCHEN ROAD

McDONNELL CRK. BR. 101/354

WASHINGTON STATE TRANSPORTATION COMMISSION
DEPARTMENT OF TRANSPORTATION
MATERIALS BRANCH
D. C. JACKSON MATERIALS ENGINEER

DATE OCT. 1997
SCALE 1:400 VERT. HORIZ.
SHEET ___ OF ___
DRAWN BY LSH

c:\dgn\mcdonnell.dgn Oct. 01, 1997 15:22:01



UNIT 1: Soft, sandy silt to loose, silty sand.

UNIT 2: Medium dense to very dense, well graded gravel with sand to poorly graded sand with silt, gravel and cobbles.

UNIT 3: Very stiff silt with sand to fat clay.

UNIT 4: Glacially over-consolidated soil interbedded silt, sand, gravel and cobbles.

UNIT 5: Siltstone/sandstone bedrock.

SUBSURFACE PROFILE

JOB QL-1233 S.R. 101 c.s. 0504

SHORE TO KITCHEN ROAD
McDONNELL CRK. BR. 101/354

WASHINGTON STATE TRANSPORTATION COMMISSION
DEPARTMENT OF TRANSPORTATION
MATERIALS BRANCH
D. C. JACKSON MATERIALS ENGINEER

DATE OCT. 1997
SCALE 1:300 VERT.
1:300 HORIZ.
SHEET ___ OF ___
DRAWN BY LSH

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-1-97

PROJECT McDonnell Creek Bridge No. 101/354 Job No. OL-1233

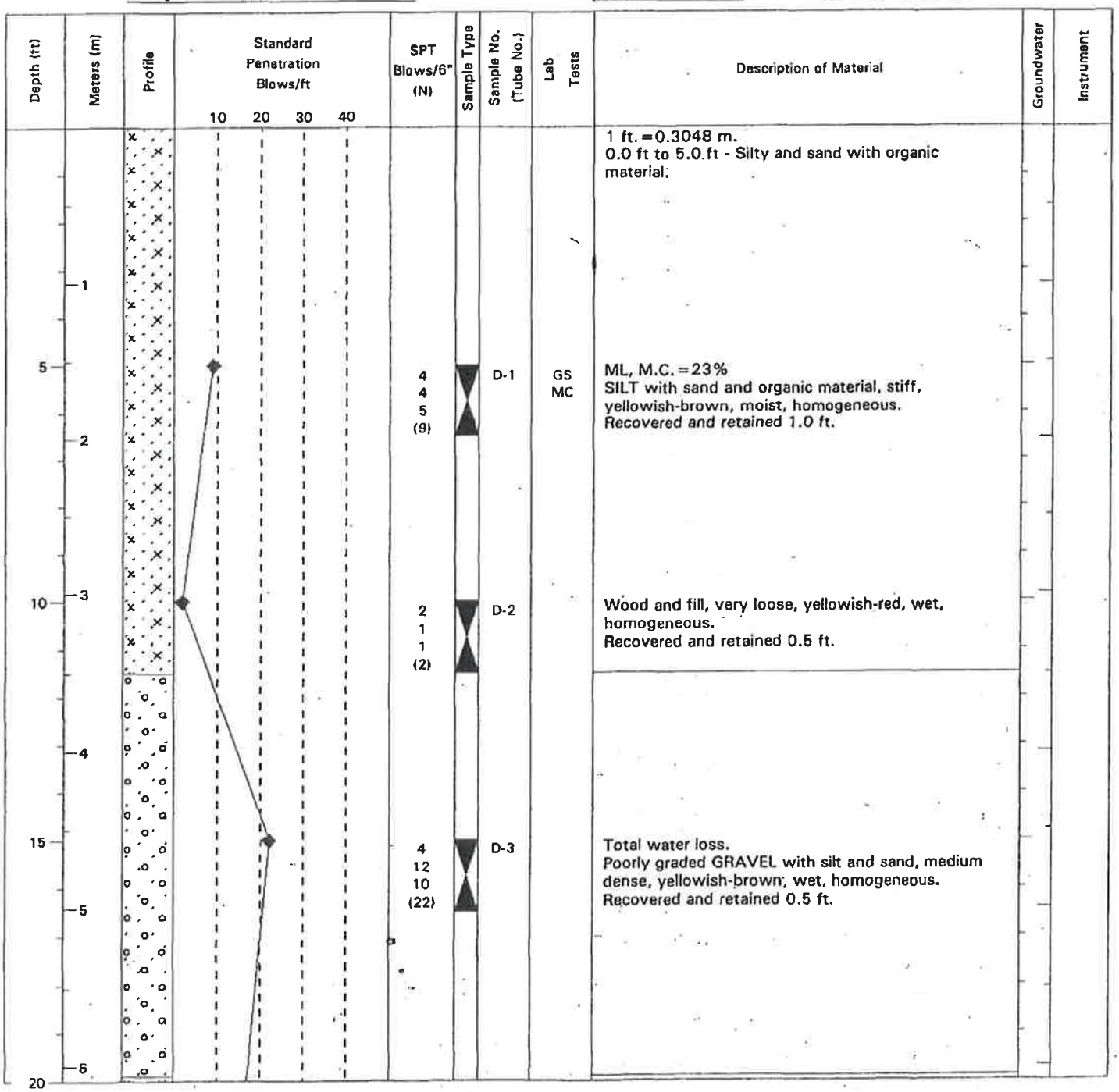
S.R. 101

Station LR 17+109 Offset 4.3 m Rt. C.S. 0504

Equipment CME 850 Casing HQ X 50' Ground El 303.8 (92.60 m)

Method of Boring Wet Rotary

Start Date August 27, 1997 Completion Date August 27, 1997 Sheet 1 of 3



LOG OF TEST BORING

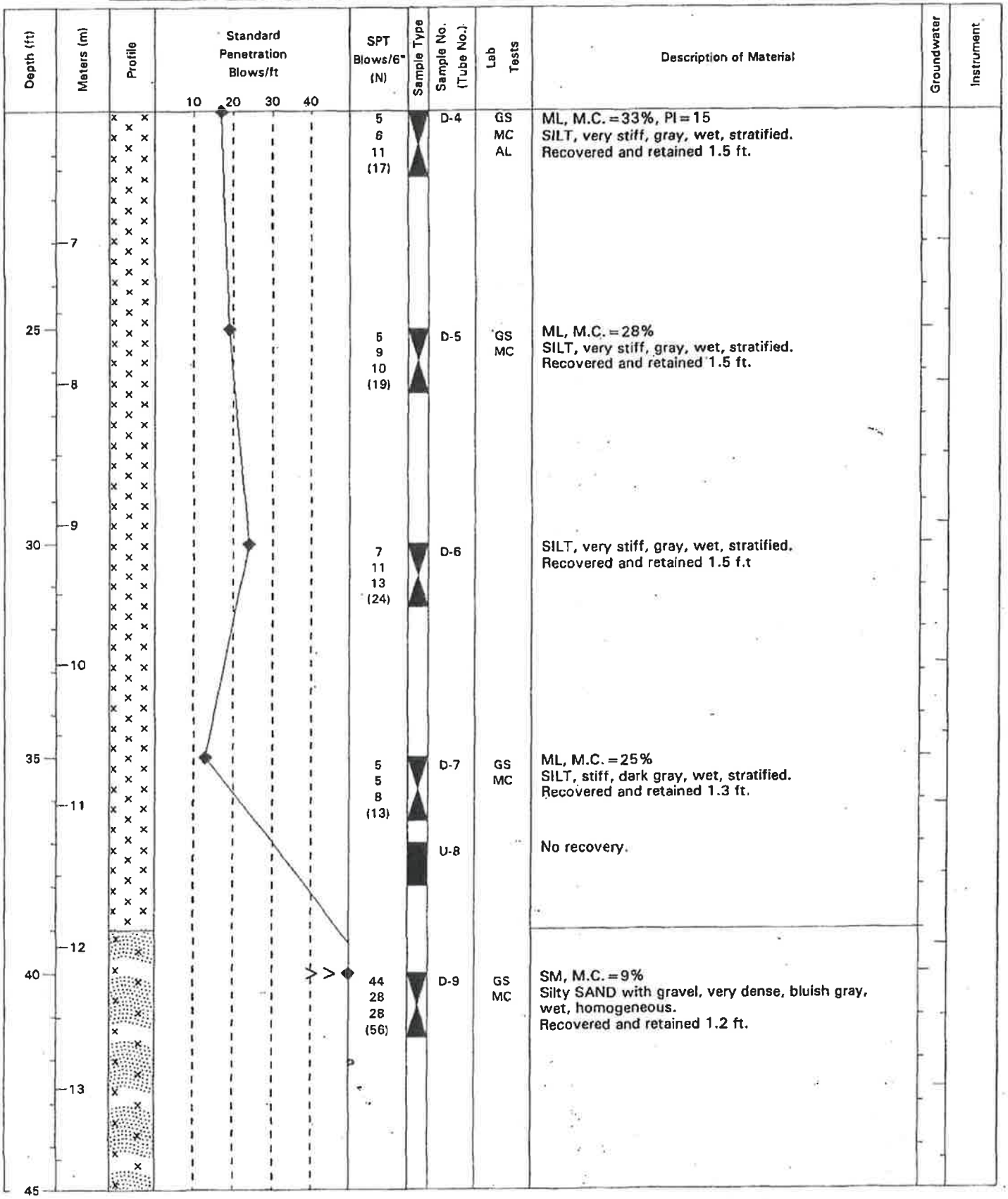
Washington State Department of Transportation

HOLE No. H-1-97

Sheet 2 of 3

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233



LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-1-97

Sheet 3 of 3

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
	14			50/6" (50/6")		D-10		Well graded GRAVEL with sand, subangular, very dense, dark gray, wet, homogeneous. Recovered and retained 0.3 ft.		
	15									
50				7 12 20 (32)		D-11	GS MC	ML, M.C. = 18% SILT with sand, hard, dark gray, wet, homogeneous. REcovered 1.5 ft.		
	16							End of test hole boring at 51.5 ft (15.7 m) below ground elevation. Water table elevation not determined. This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data.		
55	17									
	18									
60										
	19									
65										
	20									
	21									
70										

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-2-97

PROJECT McDonnell Creek Bridge No. 101/354 Job No. OL-1233

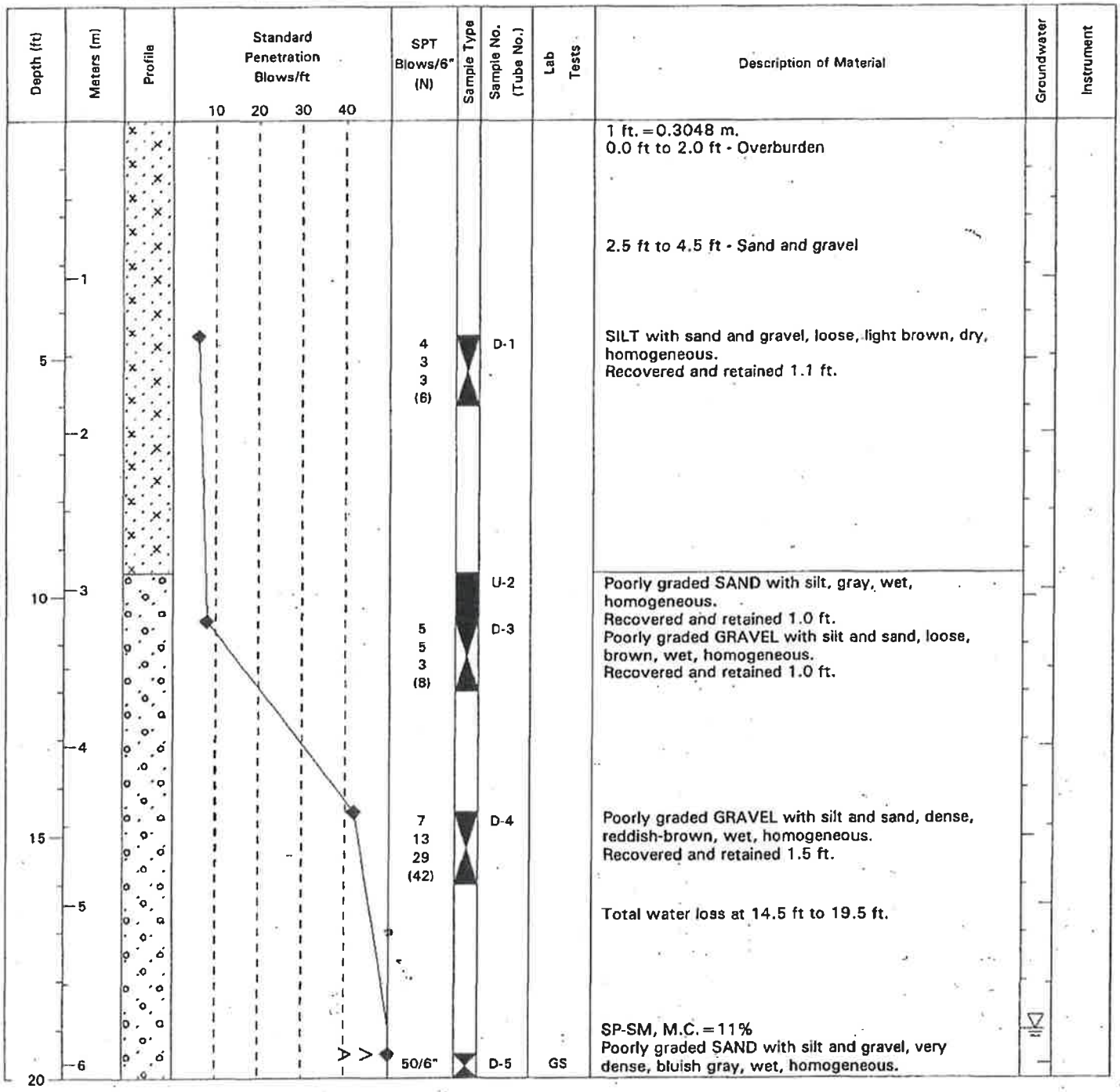
S.R. 101

Station LR 17 + 135 Offset 11.6 m Rt C.S. 0504

Equipment CME 850 Casing HW X 38', HQ X 68' Ground El 278.2 (84.80 m)

Method of Boring Wet Rotary

Start Date August 25, 1997 Completion Date August 26, 1997 Sheet 1 of 4



LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-2-97

Sheet 2 of 4

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
				(50/6")			MC	Recovered and retained 0.8 ft.		
	7									
25				9 31 50 (81)		D-6	GS MC	SM, M.C. = 14% Silty SAND with gravel and silt lenses, very dense, bluish gray, wet, stratified. Recovered and retained 1.0 ft.		
	8									
	9			19 29 25 (53)		D-7		Silty SAND with gravel, very dense, bluish gray, moist, homogeneous. Recovered and retained 1.0 ft.		
30										
	10									
				7 30 50 (80)		D-8		Silty SAND with gravel, very dense, bluish gray, moist, homogeneous. Recovered and retained 1.2 ft.		
35										
	11									
				50/6" (50/6") RQD 80% FF 2		D-9 C-10		SILTSTONE, very dense, light gray, dry, stratified. Recovered and retained 0.5 ft. SILTSTONE, dark gray, fine grained, slightly weathered/fresh, stratified. Recovered 100%		
	12									
40										
	13			RQD 100% FF 0		C-11	UC	SILTSTONE, dark gray, fine grained, fresh, very weak (R-1), stratified. Recovered 100%		
45										

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-2-97

Sheet 3 of 4

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
	14			50/3" (50/3") RQD 82% FF 0		D-12 C-13	UC	SILTSTONE, very dense, dark gray, dry, stratified. Recovered and retained 0.3 ft. SILTSTONE, dark gray, fine grained, fresh, very weak (R-1), stratified. Recovered 100%		
50	15									
	16			RQD 70% FF 1		C-14	UC	SILTSTONE, dark gray, fine grained, fresh, very weak (R-1), stratified. 35 degree sand lenses. Recovered 100%		
55	17									
				50/6" (50/6") RQD 83% FF 1		D-15 C-16		SILTSTONE, very dense, dark gray, stratified. Recovered and retained 0.5 ft. SILTSTONE, dark gray, fine grained, fresh, stratified. Recovered 100%		
60	18									
	19			RQD 84% FF 1		C-17		SILTSTONE, dark gray, fine grained, fresh, stratified. Recovered 100%		
65	20									
				50/6" (50/6")		D-18		SILTSTONE, very dense, light gray, dry, stratified. Recovered and retained 0.5 ft.		
	21							End of test hole boring at 68.5 ft (20.9 m) below ground elevation.		
70										

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-2-97

Sheet 4 of 4

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
	22							Water table elevation at 259.2 ft (79.0 m) on August 28, 1997.		
75	23							This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data.		
	24									
80										
	25									
85	26									
	27									
90										
	28									
95										

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-3-97

PROJECT McDonnell Creek Bridge No. 101/354 Job No. OL-1233

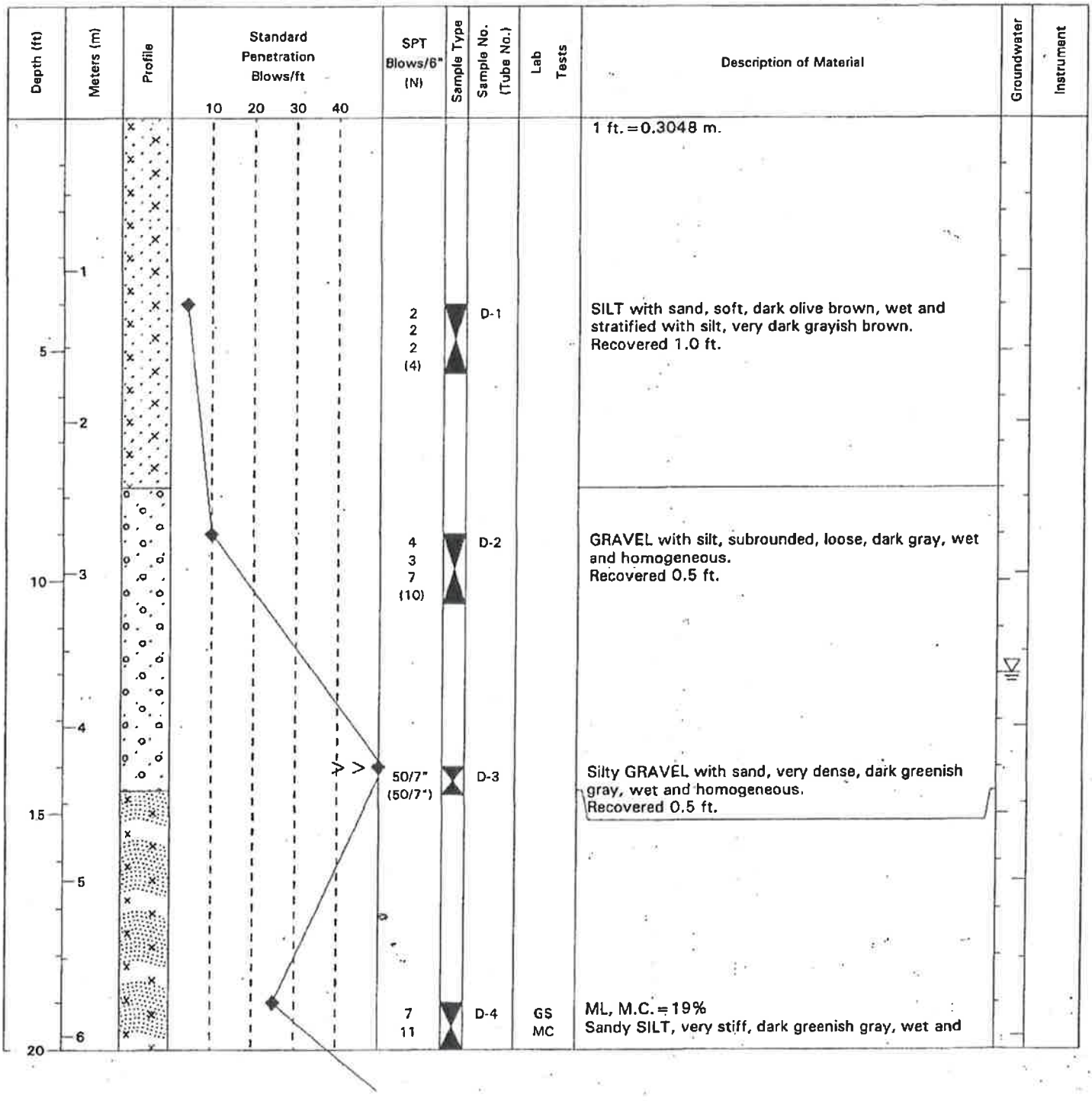
S.R. 101

Station LR 17+170 Offset 4.7 m Rt C.S. 0504

Equipment Casing HWT X 45', HQ X 80' Ground El 274.3 (83.61 m)

Method of Boring Wet Rotary

Start Date August 19, 1997 Completion Date August 19, 1997 Sheet 1 of 4



LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-3-97

Sheet 2 of 4

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
				14 (25)				stratified with sand, black and wet. Recovered 1.5 ft.		
	7			30 50 (50/6")		D-5		Silty SAND with gravel, very dense, dark greenish gray, wet and homogeneous. Recovered 1.0 ft.		
25	8					C-6		SAND with silt and gravel, rounded, dark greenish gray, wet and homogeneous. Recovered 80%		
	9									
30				21 16 13 (29)		D-7		SILT with sand and gravel, very stiff, dark greenish gray, wet and homogeneous. Recovered 1.5 ft.		
	10					C-8	GS MC UU	ML, M.C. = 23% Alternating SILT and SAND with silt, gravel, and cobbles, dark greenish gray, wet and homogeneous.		
35	11			21 25 44 (69)		D-9		Silty SAND with gravel, very dense, dark greenish gray, wet and homogeneous. Recovered 1.5 ft.		
						C-10		GRAVEL with silt and sand, rounded, dark greenish gray, wet and homogeneous. Highly weathered SILTSTONE/SANDSTONE, bedrock. Recovered 100%		
	12									
40										
	13									
				50/7" (50/7")		D-11		SILT with gravel, very hard, dark gray, wet and fissured. (Highly weathered SILTSTONE). Recovered 1.0 ft.		
45										

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-3-97

Sheet 3 of 4

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
	14			RQD 70% FF 0		C-12	UC	SILTSTONE/SANDSTONE, olive black, fine grained, moderately weathered, very weak rock (R-1), discontinuities are moderately spaced and in fair condition. Recovered 100%		
	15									
50				RQD 80% FF 2		C-13		SILTSTONE/SANDSTONE, olive black, fine grained, moderately weathered, moderately weak rock, discontinuities are moderately spaced and in fair to poor condition. Recovered 100%		
	16									
55			> >	50/6" (50/6") RQD 98% FF 1		D-14 C-15	UC	SILTSTONE/SANDSTONE, very dense, gray, wet and homogeneous. Retained 0.5 ft. SILTSTONE/SANDSTONE, olive black, fine grained, moderately weathered, very weak rock, discontinuities are moderately spaced and in fair to poor condition. Recovered 100%		
	17									
	18									
60				RQD 100% FF 0		C-16		SILTSTONE/SANDSTONE, olive black, fine grained, fresh, moderately strong rock, discontinuities are widely spaced and in good condition. Recovered 100%		
	19									
65			> >	15 50/3 (50/3") RQD 100% FF 0		D-17 C-18		SILTSTONE/SANDSTONE, very dense, gray, wet and homogeneous. Recovered 0.5 ft. SILTSTONE/SANDSTONE, olive black, fine grained, fresh, moderately strong rock, discontinuities are widely space and in good conditon. Recovered 100%		
	20									
	21									
70										

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-3-97

Sheet 4 of 4

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
				RQD 100% FF 0		C-19		SILTSTONE/SANDSTONE, olive black, fine grained, fresh, moderately strong rock, discontinuities are widely spaced and in good conditon. Recovered 100%		
	22									
75				50/6" (50/6") RQD 100% FF 0		D-20 C-21		SILTSTONE/SANDSTONE, very dense, gray, wet and homogeneous. Recovered 0.5 ft. Organics present. SILTSTONE/SANDSTONE, olive black, fine grained, fresh, moderately strong rock discontinuities are widely spaced and in good condition. Recovered 100%		
	23									
	24									
80								End of test hole boring at 80.0 ft (24.4 m) below ground elevation. Water table elevation at 262.1 ft (79.9 m) on August 19, 1997. This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data.		
	25									
85	26									
	27									
90										
	28									
95										

LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-4-97

PROJECT McDonnell Creek Bridge No. 101/354 Job No. OL-1233

S.R. 101

Station LR 17+216 Offset 5.5 m Rt C.S. 0504

Equipment Casing HWT X 60' Ground El 306.0 (93.27 m)

Method of Boring Wet Rotary

Start Date August 20, 1997 Completion Date August 20, 1997 Sheet 1 of 3

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
								1 ft. = 0.3048 m.		
5	1			50/6" (50/6")		D-1	GS MC	GP-GM, M.C. = 12% Poorly graded GRAVEL with silt and sand, subangular, very dense, olive, wet and homogeneous. Recovered 1.0 ft.		
10	2 3			30 32 33 (65)		D-2		Poorly graded GRAVEL with silt and sand, subangular, very dense, olive brown, wet and homogeneous. Recovered 1.5 ft.	▽	
15	4 5			24 32 28 (60)		D-3		Poorly graded GRAVEL with silt and sand, subangular, very dense, olive brown, wet and homogeneous. Recovered 1.5 ft.		
20	6			6		D-4	GS	SILT, very stiff;		

LOG OF TEST BORING

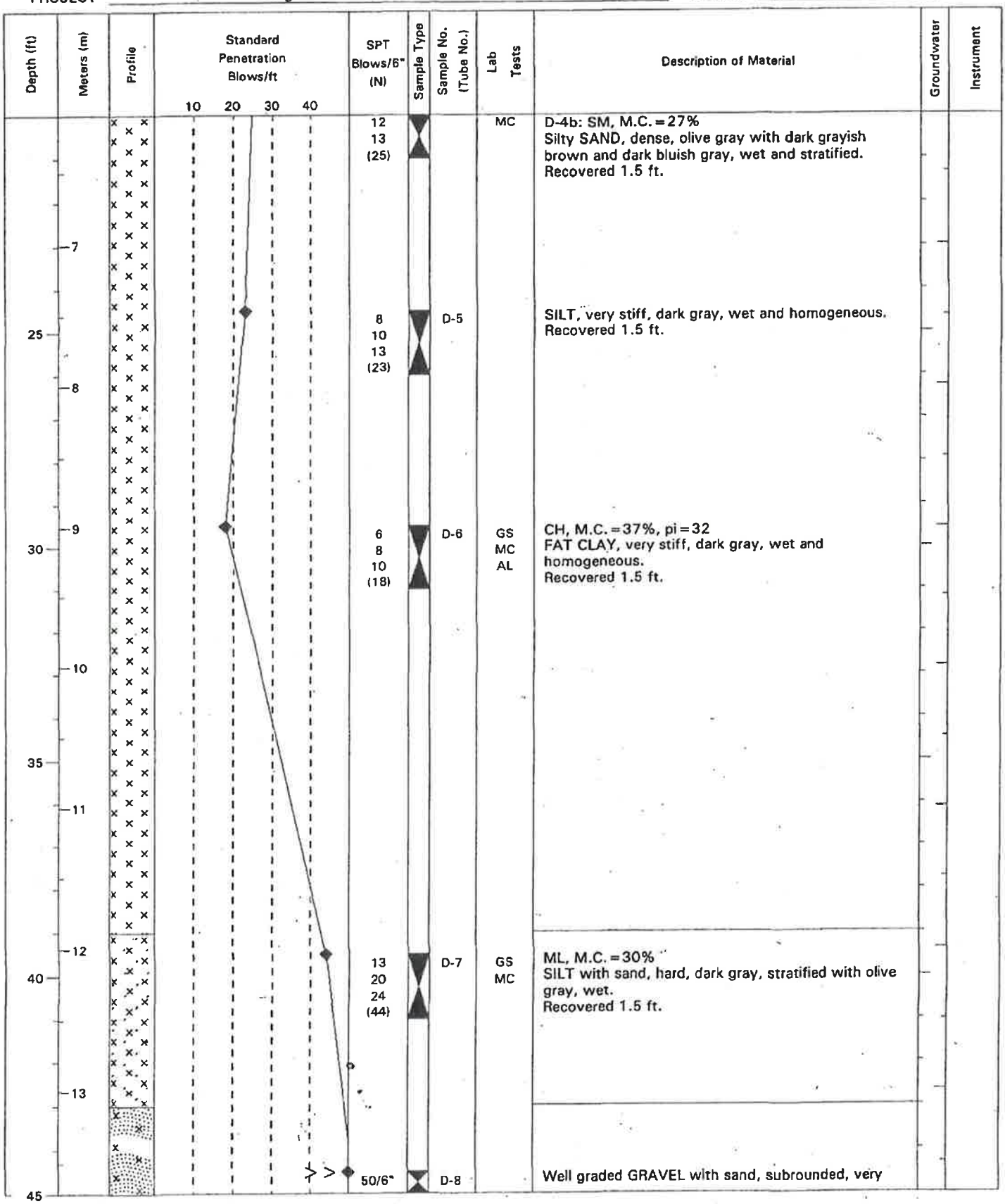
Washington State Department of Transportation

HOLE No. H-4-97

Sheet 2 of 3

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233



LOG OF TEST BORING

Washington State Department of Transportation

HOLE No. H-4-97

Sheet 3 of 3

PROJECT McDonnell Creek Bridge No. 101/354

Job No. OL-1233

Depth (ft)	Meters (m)	Profile	Standard Penetration Blows/ft (10 20 30 40)	SPT Blows/6" (N)	Sample Type	Sample No. (Tube No.)	Lab Tests	Description of Material	Groundwater	Instrument
				(50/6")				dense, dark bluish gray, wet and homogeneous. Recovered 0.5 ft.		
	14									
	15									
50										
	16									
				30 50 (50/6")		D-9		Well graded GRAVEL with sand, subrounded, very dense, dark bluish gray, wet and homogeneous. Recovered 1.0 ft.		
55	17									
	18			50/6" (50/6")		D-10		No recovery: Driving on rock.		
60								End of test hole boring at 59.5 ft (18.1 m) below ground elevation.		
	19							Water table elevation at 293.0 ft (89.3 m) on August 20, 1997.		
								This is a summary Log of Test Boring. Soil/Rock descriptions are derived from visual field identifications and laboratory test data.		
65	20									
	21									
70										

APPENDIX D

Report Limitations and Guidelines for Use

REPORT LIMITATIONS AND GUIDELINES FOR USE

Geoscience is Not Exact

The geoscience practices (geotechnical engineering, geology, and environmental science) are far less exact than other engineering and natural science disciplines. It is important to recognize this limitation in evaluating the content of the report. If you are unclear how these "Report Limitations and Guidelines for Use" apply to your project or property, you should contact Aspect Consulting, LLC (Aspect).

This Report and Project-Specific Factors

Aspect's services are designed to meet the specific needs of our clients. Aspect has performed the services in general accordance with our agreement (the Agreement) with the Client (defined under the Limitations section of this project's work product). This report has been prepared for the exclusive use of the Client. This report should not be applied for any purpose or project except the purpose described in the Agreement.

Aspect considered many unique, project-specific factors when establishing the Scope of Work for this project and report. You should not rely on this report if it was:

- Not prepared for you;
- Not prepared for the specific purpose identified in the Agreement;
- Not prepared for the specific subject property assessed; or
- Completed before important changes occurred concerning the subject property, project, or governmental regulatory actions.

If changes are made to the project or subject property after the date of this report, Aspect should be retained to assess the impact of the changes with respect to the conclusions contained in the report.

Reliance Conditions for Third Parties

This report was prepared for the exclusive use of the Client. No other party may rely on the product of our services unless we agree in advance to such reliance in writing. This is to provide our firm with reasonable protection against liability claims by third parties with whom there would otherwise be no contractual limitations. Within the limitations of scope, schedule, and budget, our services have been executed in accordance with our Agreement with the Client and recognized geoscience practices in the same locality and involving similar conditions at the time this report was prepared.

Property Conditions Change Over Time

This report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time, by events such as a change in property use or occupancy, or by natural events, such as floods, earthquakes, slope instability, or groundwater fluctuations. If any of the described events may have occurred following the issuance of the report, you should contact Aspect so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

Geotechnical, Geologic, and Environmental Reports Are Not Interchangeable

The equipment, techniques, and personnel used to perform a geotechnical or geologic study differ significantly from those used to perform an environmental study and vice versa. For that reason, a geotechnical engineering or geologic report does not usually address any environmental findings, conclusions, or recommendations (e.g., about the likelihood of encountering underground storage tanks or regulated contaminants). Similarly, environmental reports are not used to address geotechnical or geologic concerns regarding the subject property.

We appreciate the opportunity to perform these services. If you have any questions, please contact the Aspect Project Manager for this project.

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FINAL PROJECT MANUAL

Appendix D-2:

Permits

US Army Corps of Engineers
Seattle District

NATIONWIDE PERMIT 3
Terms and Conditions

2021 NWPs - Final 41; Effective Date: February 25, 2022

A. Description of Authorized Activities
B. U.S. Army Corps of Engineers (Corps) National General Conditions for All Final 41 NWPs
C. Seattle District Regional General Conditions
D. Seattle District Regional Specific Conditions for this Nationwide Permit (NWP)
E. 401 Water Quality Certification (401 WQC) for this NWP
F. Coastal Zone Management Consistency Response for this NWP

In addition to any special condition that may be required on a case-by-case basis by the District Engineer, the following terms and conditions must be met, as applicable, for a Nationwide Permit (NWP) authorization to be valid in Washington State.

A. DESCRIPTION OF AUTHORIZED ACTIVITIES

3. Maintenance. (a) The repair, rehabilitation, or replacement of any previously authorized, currently serviceable structure or fill, or of any currently serviceable structure or fill authorized by 33 CFR 330.3, provided that the structure or fill is not to be put to uses differing from those uses specified or contemplated for it in the original permit or the most recently authorized modification. Minor deviations in the structure's configuration or filled area, including those due to changes in materials, construction techniques, requirements of other regulatory agencies, or current construction codes or safety standards that are necessary to make the repair, rehabilitation, or replacement are authorized. This NWP also authorizes the removal of previously authorized structures or fills. Any stream channel modification is limited to the minimum necessary for the repair, rehabilitation, or replacement of the structure or fill; such modifications, including the removal of material from the stream channel, must be immediately adjacent to the project. This NWP also authorizes the removal of accumulated sediment and debris within, and in the immediate vicinity of, the structure or fill. This NWP also authorizes the repair, rehabilitation, or replacement of those structures or fills destroyed or damaged by storms, floods, fire or other discrete events, provided the repair, rehabilitation, or replacement is commenced, or is under contract to commence, within two years of the date of their destruction or damage. In cases of catastrophic events, such as hurricanes or tornadoes, this two-year limit may be waived by the district engineer, provided the permittee can demonstrate funding, contract, or other similar delays.

(b) This NWP also authorizes the removal of accumulated sediments and debris outside the immediate vicinity of existing structures (e.g., bridges, culverted road crossings, water intake structures, etc.). The removal of sediment is limited to the minimum necessary to restore the waterway in the vicinity of the structure to the approximate dimensions that existed when the structure was built, but cannot extend farther than 200 feet in any direction from the structure. This 200 foot limit does not apply to maintenance dredging to remove accumulated sediments blocking or restricting outfall and intake structures or to maintenance dredging to remove accumulated sediments from canals associated with outfall and intake structures. All dredged or excavated materials must be deposited and retained in an area that has no waters of the United States unless otherwise specifically approved by the district engineer under separate authorization.

(c) This NWP also authorizes temporary structures, fills, and work, including the use of temporary mats, necessary to conduct the maintenance activity. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges of dredged or fill material, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. After conducting the maintenance activity, temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The areas affected by temporary fills must be revegetated, as appropriate.

(d) This NWP does not authorize maintenance dredging for the primary purpose of navigation. This NWP does not authorize beach restoration. This NWP does not authorize new stream channelization or stream relocation projects.

Notification: For activities authorized by paragraph (b) of this NWP, the permittee must submit a pre-construction notification to the district engineer prior to commencing the activity (see general condition 32). The pre-construction notification must include information regarding the original design capacities and configurations of the outfalls, intakes, small impoundments, and canals. (Authorities: Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (Sections 10 and 404))

Note: This NWP authorizes the repair, rehabilitation, or replacement of any previously authorized structure or fill that does not qualify for the Clean Water Act Section 404(f) exemption for maintenance.

B. CORPS NATIONAL GENERAL CONDITIONS FOR ALL 2021 NWPs - FINAL 41

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as applicable, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP. Every person who may wish to obtain permit authorization under one or more NWPs, or who is currently relying on an existing or prior permit authorization under one or more NWPs, has been and is on notice that all of the provisions of 33 CFR 330.1 through 330.6 apply to every NWP authorization. Note especially 33 CFR 330.5 relating to the modification, suspension, or revocation of any NWP authorization.

1. Navigation. (a) No activity may cause more than a minimal adverse effect on navigation.

(b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

(c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his or her authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

2. Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species. If a bottomless culvert cannot be used, then the crossing should be designed and constructed to minimize adverse effects to aquatic life movements.

3. Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

5. Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48, or is a shellfish seeding or habitat restoration activity authorized by NWP 27.

6. Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).

7. Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.

9. Management of Water Flows. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization, storm water management activities, and temporary and permanent road crossings, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

10. Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.

11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.

12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow, or during low tides.

13. Removal of Temporary Structures and Fills. Temporary structures must be removed, to the maximum extent practicable, after their use has been discontinued. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance with applicable NWP general conditions, as well as any activity-specific conditions added by the district engineer to an NWP authorization.

15. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

16. Wild and Scenic Rivers. (a) No NWP activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status.

(b) If a proposed NWP activity will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the

river is in an official study status, the permittee must submit a pre-construction notification (see general condition 32). The district engineer will coordinate the PCN with the Federal agency with direct management responsibility for that river. Permittees shall not begin the NWP activity until notified by the district engineer that the Federal agency with direct management responsibility for that river has determined in writing that the proposed NWP activity will not adversely affect the Wild and Scenic River designation or study status.

(c) Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or study river (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service). Information on these rivers is also available at: http://www.rivers.gov/.

17. Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

18. Endangered Species. (a) No activity is authorized under any NWP which is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify designated critical habitat or critical habitat proposed for such designation. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless ESA section 7 consultation addressing the consequences of the proposed activity on listed species or critical habitat has been completed. See 50 CFR 402.02 for the definition of "effects of the action" for the purposes of ESA section 7 consultation, as well as 50 CFR 402.17, which provides further explanation under ESA section 7 regarding "activities that are reasonably certain to occur" and "consequences caused by the proposed action."

(b) Federal agencies should follow their own procedures for complying with the requirements of the ESA (see 33 CFR 330.4(f)(1)). If pre-construction notification is required for the proposed activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation has not been submitted, additional ESA section 7 consultation may be necessary for the activity and the respective federal agency would be responsible for fulfilling its obligation under section 7 of the ESA.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat or critical habitat proposed for such designation, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect Federally-listed endangered or threatened species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation), the pre-construction notification must include the name(s) of the endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or that utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical habitat and will notify the non-Federal applicant of the Corps' determination within 45 days of receipt of a complete pre-construction notification. For activities where the non-Federal applicant has identified listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) that might be affected or is in the vicinity of the activity, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification that the proposed activity will have "no effect" on listed species (or species proposed for listing or designated critical habitat (or critical habitat proposed for such designation), or until ESA section 7 consultation or conference has been completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(d) As a result of formal or informal consultation or conference with the FWS or NMFS the district engineer may add species-specific permit conditions to the NWPs.

(e) Authorization of an activity by an NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the FWS or the NMFS, the Endangered Species Act prohibits any person subject to the jurisdiction of the United States to take a listed species, where "take" means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word "harm" in the definition of "take" means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

(f) If the non-federal permittee has a valid ESA section 10(a)(1)(B) incidental take permit with an approved Habitat Conservation Plan for a project or a group of projects that includes the proposed NWP activity, the non-federal applicant should provide a copy of that ESA section 10(a)(1)(B) permit with the PCN required by paragraph (c) of this general condition. The district engineer will coordinate with the agency that issued the ESA section 10(a)(1)(B) permit to determine whether the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation conducted for the ESA section 10(a)(1)(B) permit. If that coordination results in concurrence from the agency that the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation for the ESA section 10(a)(1)(B) permit, the district engineer does not need to conduct a separate ESA section 7 consultation for the proposed NWP activity. The district engineer will notify the non-federal applicant within 45 days of receipt of a complete pre-construction notification whether the ESA section 10(a)(1)(B) permit covers the proposed NWP activity or whether additional ESA section 7 consultation is required.

(g) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the FWS and NMFS or their world wide web pages at http://www.fws.gov/ or http://www.fws.gov/ipac and http://www.nmfs.noaa.gov/pr/species/esa/ respectively.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring that an action authorized by an NWP complies with the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine what measures, if any, are necessary or appropriate to reduce adverse effects to migratory birds or eagles, including whether "incidental take" permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

20. Historic Properties. (a) No activity is authorized under any NWP which may have the potential to cause effects to properties listed, or eligible for listing, in the National Register of Historic Places until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.

(b) Federal permittees should follow their own procedures for complying with the requirements of section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)(1)). If pre-construction notification is required for the proposed NWP activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation is not submitted, then additional consultation under section 106 may be necessary. The respective federal agency is responsible for fulfilling its obligation to comply with section 106.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the NWP activity might have the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the pre-construction notification must state which historic properties might have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of, or potential for, the presence of historic

properties can be sought from the State Historic Preservation Officer, Tribal Historic Preservation Officer, or designated tribal representative, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). When reviewing pre-construction notifications, district engineers will comply with the current procedures for addressing the requirements of section 106 of the National Historic Preservation Act. The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts commensurate with potential impacts, which may include background research, consultation, oral history interviews, sample field investigation, and/or field survey. Based on the information submitted in the PCN and these identification efforts, the district engineer shall determine whether the proposed NWP activity has the potential to cause effects on the historic properties. Section 106 consultation is not required when the district engineer determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). Section 106 consultation is required when the district engineer determines that the activity has the potential to cause effects on historic properties. The district engineer will conduct consultation with consulting parties identified under 36 CFR 800.2(c) when he or she makes any of the following effect determinations for the purposes of section 106 of the NHPA: no historic properties affected, no adverse effect, or adverse effect.

(d) Where the non-Federal applicant has identified historic properties on which the proposed NWP activity might have the potential to cause effects and has so notified the Corps, the non-Federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects to historic properties or that NHPA section 106 consultation has been completed. For non-federal permittees, the district engineer will notify the prospective permittee within 45 days of receipt of a complete pre-construction notification whether NHPA section 106 consultation is required. If NHPA section 106 consultation is required, the district engineer will notify the non-Federal applicant that he or she cannot begin the activity until section 106 consultation is completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(e) Prospective permittees should be aware that section 110k of the NHPA (54 U.S.C. 306113) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.

21. Discovery of Previously Unknown Remains and Artifacts. Permittees that discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by an NWP, they must immediately notify the district engineer of what they have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the Federal, Tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

22. Designated Critical Resource Waters. Critical resource waters include, NOAA-managed marine sanctuaries and marine monuments, and National Estuarine Research Reserves. The district engineer may designate, after notice and opportunity for public comment, additional waters officially designated by a state as having particular environmental or ecological significance, such as outstanding national resource waters or state natural heritage sites. The district engineer may also designate additional critical resource waters after notice and opportunity for public comment.

(a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, 50, 51, 52, 57 and 58 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.

(b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, 38, and 54, notification is required in accordance with general condition 32, for any activity proposed by permittees in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after she or he determines that the impacts to the critical resource waters will be no more than minimal.

23. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. For wetland losses of 1/10-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects.

(d) Compensatory mitigation at a minimum one-for-one ratio will be required for all losses of stream bed that exceed 3/100-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. This compensatory mitigation requirement may be satisfied through the restoration or enhancement of riparian areas next to streams in accordance with paragraph (e) of this general condition. For losses of stream bed of 3/100-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects. Compensatory mitigation for losses of streams should be provided, if practicable, through stream rehabilitation, enhancement, or preservation, since streams are difficult-to-replace resources (see 33 CFR 332.3(e)(3)).

(e) Compensatory mitigation plans for NWP activities in or near streams or other open waters will normally include a requirement for the restoration or enhancement, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, the restoration or maintenance/protection of riparian areas may be the only compensatory mitigation required. If restoring riparian areas involves planting vegetation, only native species should be planted. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. If it is not possible to restore or maintain/protect a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or maintaining/protecting a riparian area along a single bank or shoreline may be sufficient. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of minimization or compensatory

mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(f) Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR part 332.

(1) The prospective permittee is responsible for proposing an appropriate compensatory mitigation option if compensatory mitigation is necessary to ensure that the activity results in no more than minimal adverse environmental effects. For the NWPs, the preferred mechanism for providing compensatory mitigation is mitigation bank credits or in-lieu fee program credits (see 33 CFR 332.3(b)(2) and (3)). However, if an appropriate number and type of mitigation bank or in-lieu credits are not available at the time the PCN is submitted to the district engineer, the district engineer may approve the use of permittee-responsible mitigation.

(2) The amount of compensatory mitigation required by the district engineer must be sufficient to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects (see 33 CFR 330.1(e)(3)). (See also 33 CFR 332.3(f).)

(3) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, aquatic resource restoration should be the first compensatory mitigation option considered for permittee-responsible mitigation.

(4) If permittee-responsible mitigation is the proposed option, the prospective permittee is responsible for submitting a mitigation plan. A conceptual or detailed mitigation plan may be used by the district engineer to make the decision on the NWP verification request, but a final mitigation plan that addresses the applicable requirements of 33 CFR 332.4(c)(2) through (14) must be approved by the district engineer before the permittee begins work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation (see 33 CFR 332.3(k)(3)). If permittee-responsible mitigation is the proposed option, and the proposed compensatory mitigation site is located on land in which another federal agency holds an easement, the district engineer will coordinate with that federal agency to determine if proposed compensatory mitigation project is compatible with the terms of the easement.

(5) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan needs to address only the baseline conditions at the impact site and the number of credits to be provided (see 33 CFR 332.4(c)(1)(ii)).

(6) Compensatory mitigation requirements (e.g., resource type and amount to be provided as compensatory mitigation, site protection, ecological performance standards, monitoring requirements) may be addressed through conditions added to the NWP authorization, instead of components of a compensatory mitigation plan (see 33 CFR 332.4(c)(1)(ii)).

(g) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2-acre, it cannot be used to authorize any NWP activity resulting in the loss of greater than 1/2-acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that an NWP activity already meeting the established acreage limits also satisfies the no more than minimal impact requirement for the NWPs.

(h) Permittees may propose the use of mitigation banks, in-lieu fee programs, or permittee-responsible mitigation. When developing a compensatory mitigation proposal, the permittee must consider appropriate and practicable options consistent with the framework at 33 CFR 332.3(b). For activities resulting in the loss of marine or estuarine resources, permittee-responsible mitigation may be environmentally preferable if there are no mitigation banks or in-lieu fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee. For permittee-responsible

mitigation, the special conditions of the NWP verification must clearly indicate the party or parties responsible for the implementation and performance of the compensatory mitigation project, and, if required, its long-term management.

(i) Where certain functions and services of waters of the United States are permanently adversely affected by a regulated activity, such as discharges of dredged or fill material into waters of the United States that will convert a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse environmental effects of the activity to the no more than minimal level.

24. Safety of Impoundment Structures. To ensure that all impoundment structures are safely designed, the district engineer may require non-Federal applicants to demonstrate that the structures comply with established state or federal, dam safety criteria or have been designed by qualified persons. The district engineer may also require documentation that the design has been independently reviewed by similarly qualified persons, and appropriate modifications made to ensure safety.

25. Water Quality. (a) Where the certifying authority (state, authorized tribe, or EPA, as appropriate) has not previously certified compliance of an NWP with CWA section 401, a CWA section 401 water quality certification for the proposed discharge must be obtained or waived (see 33 CFR 330.4(c)). If the permittee cannot comply with all of the conditions of a water quality certification previously issued by certifying authority for the issuance of the NWP, then the permittee must obtain a water quality certification or waiver for the proposed discharge in order for the activity to be authorized by an NWP.

(b) If the NWP activity requires pre-construction notification and the certifying authority has not previously certified compliance of an NWP with CWA section 401, the proposed discharge is not authorized by an NWP until water quality certification is obtained or waived. If the certifying authority issues a water quality certification for the proposed discharge, the permittee must submit a copy of the certification to the district engineer. The discharge is not authorized by an NWP until the district engineer has notified the permittee that the water quality certification requirement has been satisfied by the issuance of a water quality certification or a waiver.

(c) The district engineer or certifying authority may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.

26. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). If the permittee cannot comply with all of the conditions of a coastal zone management consistency concurrence previously issued by the state, then the permittee must obtain an individual coastal zone management consistency concurrence or presumption of concurrence in order for the activity to be authorized by an NWP. The district engineer or a state may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

27. Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its CWA section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

28. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is authorized, subject to the following restrictions:
(a) If only one of the NWPs used to authorize the single and complete project has a specified acreage limit, the acreage loss of waters of the United States cannot exceed the acreage limit of the NWP with the highest specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14, with associated bank stabilization authorized by NWP 13, the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.

(b) If one or more of the NWPs used to authorize the single and complete project has specified acreage limits, the acreage loss of waters of the United States authorized by those NWPs cannot exceed their respective specified acreage limits. For example, if a commercial development is constructed under NWP 39, and the single and complete project includes the filling of an upland ditch authorized by NWP 46, the maximum acreage loss of waters of the United States for the commercial development under NWP 39 cannot exceed 1/2-acre, and the total acreage loss of waters of United States due to the NWP 39 and 46 activities cannot exceed 1 acre.

29. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

"When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below."

_____

(Transferee)

_____

(Date)

30. Compliance Certification. Each permittee who receives an NWP verification letter from the Corps must provide a signed certification documenting completion of the authorized activity and implementation of any required compensatory mitigation. The success of any required permittee-responsible mitigation, including the achievement of ecological performance standards, will be addressed separately by the district engineer. The Corps will provide the permittee the certification document with the NWP verification letter. The certification document will include:

(a) A statement that the authorized activity was done in accordance with the NWP authorization, including any general, regional, or activity-specific conditions;

(b) A statement that the implementation of any required compensatory mitigation was completed in accordance with the permit conditions. If credits from a mitigation bank or in-lieu fee program are used to satisfy the compensatory mitigation requirements, the certification must include the documentation required by 33 CFR 332.3(l)(3) to confirm that the permittee secured the appropriate number and resource type of credits; and

(c) The signature of the permittee certifying the completion of the activity and mitigation.

The completed certification document must be submitted to the district engineer within 30 days of completion of the authorized activity or the implementation of any required compensatory mitigation, whichever occurs later.

31. Activities Affecting Structures or Works Built by the United States. If an NWP activity also requires review by, or permission from, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers (USACE) federally authorized Civil Works project (a "USACE project"), the prospective permittee must submit a pre-construction notification. See paragraph (b)(10) of general condition 32. An activity that requires section 408 permission and/or review is not authorized by an NWP until the appropriate Corps office issues the section 408 permission or

completes its review to alter, occupy, or use the USACE project, and the district engineer issues a written NWP verification.

32. Pre-Construction Notification. (a) *Timing.* Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, if the PCN is determined to be incomplete, notify the prospective permittee within that 30 day period to request the additional information necessary to make the PCN complete. The request must specify the information needed to make the PCN complete. As a general rule, district engineers will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity until either:

(1) He or she is notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or

(2) 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 18 that listed species or critical habitat might be affected or are in the vicinity of the activity, or to notify the Corps pursuant to general condition 20 that the activity might have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that there is "no effect" on listed species or "no potential to cause effects" on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)) has been completed. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee may not begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee's right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).

(b) *Contents of Pre-Construction Notification*: The PCN must be in writing and include the following information:

(1) Name, address and telephone numbers of the prospective permittee;

(2) Location of the proposed activity;

(3) Identify the specific NWP or NWP(s) the prospective permittee wants to use to authorize the proposed activity;

(4) (i) A description of the proposed activity; the activity's purpose; direct and indirect adverse environmental effects the activity would cause, including the anticipated amount of loss of wetlands, other special aquatic sites, and other waters expected to result from the NWP activity, in acres, linear feet, or other appropriate unit of measure; a description of any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed activity; and any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity, including other separate and distant crossings for linear projects that require Department of the Army authorization but do not require pre-construction notification. The description of the proposed activity and any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or other mitigation measures.

(ii) For linear projects where one or more single and complete crossings require pre-construction notification, the PCN must include the quantity of anticipated losses of wetlands, other special aquatic sites, and other waters for each single and complete crossing of those wetlands, other special aquatic sites, and other waters (including those single and complete crossings authorized by an NWP but do not require PCNs). This information will be used by the district engineer to evaluate the cumulative adverse environmental effects of the proposed linear project, and does not change those non-PCN NWP activities into NWP PCNs.

(iii) Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the activity and when provided results in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed activity (e.g., a conceptual plan), but do not need to be detailed engineering plans);

(5) The PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial and intermittent streams, on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many wetlands, other special aquatic sites, and other waters. Furthermore, the 45-day period will not start until the delineation has been submitted to or completed by the Corps, as appropriate;

(6) If the proposed activity will result in the loss of greater than 1/10-acre of wetlands or 3/100-acre of stream bed and a PCN is required, the prospective permittee must submit a statement describing how the mitigation requirement will be satisfied, or explaining why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan.

(7) For non-federal permittees, if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat (or critical habitat proposed for such designation), the PCN must include the name(s) of those endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with the Endangered Species Act;

(8) For non-federal permittees, if the NWP activity might have the potential to cause effects to a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, the PCN must state which historic property might have the potential to be affected by the proposed activity or include a vicinity map indicating the location of the historic property. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with section 106 of the National Historic Preservation Act;

(9) For an activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, the PCN must identify the Wild and Scenic River or the "study river" (see general condition 16); and

(10) For an NWP activity that requires permission from, or review by, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, the pre-construction notification must include a statement confirming that the project proponent has submitted a written request for section 408 permission from, or review by, the Corps office having jurisdiction over that USACE project.

(c) *Form of Pre-Construction Notification*: The nationwide permit pre-construction notification form (Form ENG 6082) should be used for NWP PCNs. A letter containing the required information may also be

used. Applicants may provide electronic files of PCNs and supporting materials if the district engineer has established tools and procedures for electronic submittals.

(d) *Agency Coordination*: (1) The district engineer will consider any comments from Federal and state agencies concerning the proposed activity's compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the activity's adverse environmental effects so that they are no more than minimal.

(2) Agency coordination is required for: (i) all NWP activities that require pre-construction notification and result in the loss of greater than 1/2-acre of waters of the United States; (ii) NWP 13 activities in excess of 500 linear feet, fills greater than one cubic yard per running foot, or involve discharges of dredged or fill material into special aquatic sites; and (iii) NWP 54 activities in excess of 500 linear feet, or that extend into the waterbody more than 30 feet from the mean low water line in tidal waters or the ordinary high water mark in the Great Lakes.

(3) When agency coordination is required, the district engineer will immediately provide (e.g., via e-mail, facsimile transmission, overnight mail, or other expeditious manner) a copy of the complete PCN to the appropriate Federal or state offices (FWS, state natural resource or water quality agency, EPA, and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will have 10 calendar days from the date the material is transmitted to notify the district engineer via telephone, facsimile transmission, or e-mail that they intend to provide substantive, site-specific comments. The comments must explain why the agency believes the adverse environmental effects will be more than minimal. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the pre-construction notification. The district engineer will fully consider agency comments received within the specified time frame concerning the proposed activity's compliance with the terms and conditions of the NWPs, including the need for mitigation to ensure that the net adverse environmental effects of the proposed activity are no more than minimal. The district engineer will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each pre-construction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5.

(4) In cases of where the prospective permittee is not a Federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.

(5) Applicants are encouraged to provide the Corps with either electronic files or multiple copies of pre-construction notifications to expedite agency coordination.

C. SEATTLE DISTRICT REGIONAL GENERAL CONDITIONS: The following conditions apply to the 2021 NWPs - Final 41 NWPs for the Seattle District in Washington State, as applicable.

RGC 1, Project Drawings
Drawings must be submitted with pre-construction notification (PCN). Drawings must provide a clear understanding of the proposed project, and how waters of the United States will be affected. Drawings must be originals and not reduced copies of large-scale plans. Engineering drawings are not required. Existing and proposed site conditions (manmade and landscape features) must be drawn to scale.

RGC 2, Aquatic Resources Requiring Special Protection
A PCN is required for activities resulting in a loss of waters of the United States in wetlands in dunal systems along the Washington coast, mature forested wetlands, bogs and peatlands, aspen-dominated wetlands, alkali wetlands, vernal pools, camas prairie wetlands, estuarine wetlands, and wetlands in coastal lagoons.

RGC 3, New Bank Stabilization in Tidal Waters of Puget Sound
Activities involving new bank stabilization in tidal waters in Water Resource Inventory Areas (WRIAs) 8, 9, 10, 11 and 12 (within the areas identified on Figures 1a through 1e) cannot be authorized by NWP.

RGC 4, Commencement Bay
No permanent losses of wetlands or mudflats within the Commencement Bay Study Area may be authorized by any NWP (see Figure 2).

RGC 5, Bank Stabilization
All projects including new or maintenance bank stabilization activities in waters of the United States where salmonid species are present or could be present, requires PCN to the U.S. Army Corps of Engineers (Corps) (see NWP general condition 32).
For new bank stabilization projects only, the following must be submitted to the Corps:

a. The cause of the erosion and the distance of any existing structures from the area(s) being stabilized.
b. The type and length of existing bank stabilization within 300 feet of the proposed project.
c. A description of current conditions and expected post-project conditions in the waterbody.
d. A statement describing how the project incorporates elements avoiding and minimizing adverse environmental effects to the aquatic environment and nearshore riparian area, including vegetation impacts in the waterbody.

In addition to a. through d., the results from any relevant geotechnical investigations can be submitted with the PCN if it describes current or expected conditions in the waterbody.

RGC 6, Crossings of Waters of the United States
Any project including installing, replacing, or modifying crossings of waters of the United States, such as culverts or bridges, requires submittal of a PCN to the U.S. Army Corps of Engineers (see NWP general condition 32).
If a culvert is proposed to cross waters of the U.S. where salmonid species are present or could be present, the project must apply the stream simulation design method from the Washington Department of Fish and Wildlife located in the *Water Crossing Design Guidelines* (2013), or a design method which provides passage at all life stages at all flows where the salmonid species would naturally seek passage. If the stream simulation design method is not applied for a culvert where salmonid species are present or could be present, the project proponent must provide a rationale in the PCN sufficient to establish one of the following:

a. The existence of extraordinary site conditions.
b. How the proposed design will provide equivalent or better fish passage and fisheries habitat benefits than the stream simulation design method.

Culverts installed under emergency authorization that do not meet the above design criteria will be required to meet the above design criteria to receive an after-the-fact nationwide permit verification.

RGC 7, Stream Loss
A PCN is required for all activities that result in the loss of any linear feet of streams.

RGC 8, Construction Boundaries
Permittees must clearly mark all construction area boundaries within waters of the United States before beginning work on projects that involve grading or placement of fill. Boundary markers and/or construction fencing must be maintained and clearly visible for the duration of construction. Permittees should avoid and minimize removal of native vegetation (including submerged aquatic vegetation) to the maximum extent possible.

RGC 9, ESA Reporting to NMFS
For any nationwide permit that may affect threatened or endangered species;
Incidents where any individuals of fish species, marine mammals and/or sea turtles listed by National Oceanic and Atmospheric Administration Fisheries, National Marine Fisheries Service (NMFS) under the Endangered Species Act appear to be injured or killed as a result of discharges of dredged or fill material into waters of the U.S. or structures or work in navigable waters of the U.S. authorized by this Nationwide

Permit verification shall be reported to NMFS, Office of Protected Resources at (301) 713-1401 and the Regulatory Office of the Seattle District of the U.S. Army Corps of Engineers at (206) 764-3495. The finder should leave the animal alone, make note of any circumstances likely causing the death or injury, note the location and number of individuals involved and, if possible, take photographs. Adult animals should not be disturbed unless circumstances arise where they are obviously injured or killed by discharge exposure or some unnatural cause. The finder may be asked to carry out instructions provided by the NMFS to collect specimens or take other measures to ensure that evidence intrinsic to the specimen is preserved.

D. SEATTLE DISTRICT REGIONAL SPECIFIC CONDITIONS FOR THIS NWP: None

E. 401 WATER QUALITY CERTIFICATION: Depending on the geographic region of the work authorized by this verification, the appropriate 401 certifying authority has made the following determinations:

Washington Department of Ecology (Ecology) (Projects in all areas except as described for the other certifying agencies listed below): General and Specific WQC Conditions

A. State General Conditions for all Nationwide Permits

In addition to all of the U.S. Army Corps of Engineers' (Corps) national and Seattle District'sregional permit conditions, the following state general Water Quality Certification (WQC) conditions **apply to all NWPs whether granted or granted with conditions** in Washington where Ecology is the certifying authority.

Due to the lack of site specific information on the discharge types, quantities, and specific locations, as well as the condition of receiving waters and the quantity of waters (including wetlands) that may be lost, Ecology may need to review the project if one of the following stategeneral conditions is triggered.

This case-by-case review may be required, and additional information regarding the project and associated discharges may be needed, to verify that the proposed project would comply with state water quality requirements and if an individual WQC is required or if the project meets this programmatic WQC.

1. **In-water construction activities**. Ecology WQC review is required for projects or activities authorized under NWPs where the project proponent has indicated on the Joint Aquatic Resource Permit Application (JARPA) question 9e that the project or activity will not meet State water quality standards, or has provided information indicating that the project or activity will cause, or may be likely to cause or contributeto an exceedance of a State water quality standard (Chapter 173-201A WAC) or sediment management standard (Chapter 173-204 WAC).

Note: In-water activities include any activity within a jurisdictional wetland and/orwaters.

2. **Projects or Activities Discharging to Impaired Waters**. Ecology WQC review is required for projects or activities that will occur in a 303(d) listed segment of a waterbody or upstream of a listed segment and may result in further exceedances of the specific listedparameter to determine if the project meets this programmatic WQC or will require individual WQC.

To determine if your project or activity is in a 303(d) listed segment of a waterbody, visitEcology's Water Quality Assessment webpage for maps and search tools.

3. **Aquatic resources requiring special protection**. Certain aquatic resources are unique and difficult-to-replace components of the aquatic environment in Washington. Activities that would affect these resources must be avoided to the greatest extent practicable. Compensating for adverse impacts to high value aquatic resources is typically difficult, prohibitively expensive, and may not be possible in some landscapesettings.

Ecology WQC review is required for projects or activities in areas identified below to determine if the project meets this programmatic WQC or will require individual WQC.

a. Activities in or affecting the following aquatic resources:
    i. Wetlands with special characteristics (as defined in the Washington State Wetland Rating Systems for western and eastern Washington, Ecology Publications #14-06-029 and #14-06-030):
        - Estuarine wetlands.
        - Wetlands of High Conservation Value.
        - Bogs.
        - Old-growth forested wetlands and mature forested wetlands.
        - Wetlands in coastal lagoons.
        - Wetlands in dunal systems along the Washington coast.
        - Vernal pools.
        - Alkali wetlands.

    ii. Fens, aspen-dominated wetlands, camas prairie wetlands.

    iii. Category I wetlands.

    iv. Category II wetlands with a habitat score ≥ 8 points.

b. Activities in or resulting in a loss of eelgrass (Zostera marina) beds.

This state general condition does not apply to the following NWPs:
NWP 20 – Response Operations for Oil and Hazardous Substances
NWP 32 – Completed Enforcement Actions
NWP 48 – Commercial Shellfish Mariculture Activities

4. **Loss of More than 300 Linear Feet of Streambed.** For any project that results in the lossof more than 300 linear feet of streambed Ecology WQC review is required to determineif the project meets this programmatic WQC or will require individual WQC.

5. **Temporary Fills.** For any project or activity with temporary fill in wetlands or other waters for more than six months Ecology WQC review is required to determine if theproject meets this programmatic WQC or will require individual WQC.

6. **Mitigation.** Project proponents are required to show that they have followed the mitigation sequence and have first avoided and minimized impacts to aquatic resourceswherever practicable. For projects requiring Ecology WQC review or an individual WQC with unavoidable impacts to aquatics resources, a mitigation plan must be provided.

    a. Wetland mitigation plans submitted for Ecology review and approval shall be based on the most current guidance provided in Wetland Mitigation in Washington State, Parts 1 and 2 (available on Ecology's website) and shall, at aminimum, include the following:

        i. A description of the measures taken to avoid and minimize impacts to wetlands and other waters of the U.S.

        ii. The nature of the proposed impacts (i.e., acreage of wetlands and functions lost or degraded).

iii. The rationale for the mitigation site that was selected.

iv. The goals and objectives of the compensatory mitigation project.

v. How the mitigation project will be accomplished, including construction sequencing, best management practices to protect water quality, proposed performance standards for measuring success and the proposed buffer widths.

vi. How it will be maintained and monitored to assess progress toward goals and objectives. Monitoring will generally be required for a minimum of five years. For forested and scrub-shrub wetlands, 10 years of monitoring will often be necessary.

vii. How the compensatory mitigation site will be legally protected for the long term.

Refer to Wetland Mitigation in Washington State – Part 2: Developing Mitigation Plans (Ecology Publication #06-06-011b) and Selecting Wetland Mitigation Sites Using a Watershed Approach (Ecology Publications #09-06-032 (Western Washington) and #10-06-007 (Eastern Washington)) for guidance on selecting suitable mitigation sites and developing mitigation plans.

Ecology encourages the use of alternative mitigation approaches, includingcredit/debit methodology, advance mitigation, and other programmatic approaches such as mitigation banks and in-lieu fee programs. If you are interested in proposing use of an alternative mitigation approach, consult with the appropriate Ecology regional staff person. Information on alternative mitigation approaches is available on Ecology's website.

b. Mitigation for other aquatic resource impacts will be determined on a case-by-case basis.

7. **Stormwater Pollution Prevention**. All projects involving land disturbance or impervious surfaces must implement stormwater pollution prevention or control measures to avoiddischarge of pollutants in stormwater runoff to waters.

a. For land disturbances during construction, the applicant must obtain and implement permits (e.g., Construction Stormwater General Permit) where required and follow Ecology's current stormwater manual.

b. Following construction, prevention or treatment of on-going stormwater runofffrom impervious surfaces shall be provided.

Ecology's Stormwater Management and Design Manuals and stormwater permitinformation are available on Ecology's website.

8. **Application**. For projects or activities that will require Ecology WQC review, or anindividual WQC, project proponents must provide Ecology with a JARPA or the equivalent information, along with the documentation provided to the Corps, as described in national general condition 32, Pre-Construction Notification (PCN), including, where applicable:

a. A description of the project, including site plans, project purpose, direct and indirect adverse environmental effects the project discharge(s) would cause, best management practices (BMPs), and proposed means to monitor the discharge(s).

b. List of all federal, state or local agency authorizations required to be used for anypart

of the proposed project or any related activity.

c. Drawings indicating the OHWM, delineation of special aquatic sites, and other waters of the state. Wetland delineations must be prepared in accordance with thecurrent method required by the Corps and shall include Ecology's Wetland Rating form. Wetland Rating forms are subject to review and verification by Ecology staff.

Guidance for determining the OHWM is available on Ecology's website.

d. A statement describing how the mitigation requirement will be satisfied. A conceptual or detailed mitigation or restoration plan may be submitted. See stategeneral condition 5.

e. Other applicable requirements of Corps NWP general condition 32, Corps regional conditions, or notification conditions of the applicable NWP.

Ecology **grants with conditions Water Quality Certification** (WQC) for this NWP provided that Ecology individual WQC review is not required per the state general conditions (see above)) and the following conditions:

1. The project or activity involves the complete replacement of a shoreline stabilizationusing hard armoring.

2. The project or activity increases the original footprint of the structure by more than1/10th acre in wetlands; or

3. The project or activity includes adding a new structure, such as a weir, flap gate/tidegate, or culvert to the site.

Environmental Protection Agency (EPA) (on Tribal Lands where Tribes Do Not Have Treatment in a Similar Manner as a State and Lands with Exclusive Federal Jurisdiction in Washington):

On behalf of the 28 tribes that do not have treatment in a similar manner as a state and for exclusive federal jurisdiction lands located within the state of Washington, EPA Region 10 has determined that CWA Section 401 WQC for the following proposed NWPs is granted with conditions. EPA Region 10 has determined that any discharge authorized under the following proposed NWPs will comply with water quality requirements, as defined at 40 C.F.R. § 121.1(n), subject to the following conditions pursuant to CWA Section 401(d).

General Conditions:

EPA General Condition 1 – Aquatic Resources of Special Concern

Activities resulting in a point source discharge in the following types of aquatic resources of special concern shall request an individual project-specific CWA Section 401 WQC: mature forested wetlands; bogs, fens and other peatlands; vernal pools; aspen-dominated wetlands; alkali wetlands; camas prairie wetlands; wetlands in dunal systems along the Oregon or Washington Coast; riffle-pool complexes of streams; marine or estuarine mud-flats; salt marshes; marine waters with native eelgrass or kelp beds; or marine nearshore forage fish habitat. To identify whether a project would occur in any of these aquatic resources of special concern, project proponents shall use existing and available information to identify the location and type of resources, including using the U.S. Fish and Wildlife Service's online digital National Wetland Inventory maps, identifying project location on topographical maps, and/or providing on-site determinations as required by the Corps. When a project requires a Pre-Construction Notification (PCN) to the Corps, project proponents shall work with the Corps to identify whether the project is in any of these specific aquatic resources of special concern.

EPA General Condition 2 – Soil Erosion and Sediment Controls

Turbidity shall not exceed background turbidity by more than 50 Nephelometric Turbidity Units (NTU) above background instantaneously or more than 25 NTU above background for more than ten consecutive days.[8] Projects or activities that are expected to exceed these levels require an individual project-specific CWA Section 401 WQC.

The turbidity standard shall be met at the following distances from the discharge:

Wetted Stream Width at Discharge Point	**Approximate Downstream Point to Sample to Determine Compliance**
Up to 30 feet	50 feet
>30 to 100 feet	100 feet
>100 feet to 200 feet	200 feet
>200 feet	300 feet
Lake, Pond, Reservoir	Lesser of 100 feet or maximum surface distance

For Marine Water	**Point of Compliance for Temporary Area of Mixing**
Estuaries or Marine Waters	Radius of 150 feet from the activity causing the turbidity exceedance

Measures to prevent and/or reduce turbidity shall be implemented and monitored prior to, during, and after construction. Turbidity monitoring shall be done at the point of compliance within 24 hours of a precipitation event of 0.25 inches or greater. During monitoring and maintenance, if turbidity limits are exceeded or if measures are identified as ineffective, then additional measures shall be taken to come into compliance and EPA shall be notified within 48 hours of the exceedance or measure failure.

EPA General Condition 3 - Compliance with Stormwater Pollution Prevention and the National Pollutant Discharge Elimination System Permit Provisions

For land disturbances during construction that 1) disturb one or more acres of land, or 2) will disturb less than one acre of land but are part of a common plan of development or sale that will ultimately disturb one or more acres of land, the permittee shall obtain and implement Construction Stormwater General Permit requirements,[9] including:

1. The permittee shall develop a Stormwater Pollution Prevention Plan (SWPPP)[10] and submit it to EPA Region 10 and appropriate Corps District; and
2. Following construction, prevention or treatment of ongoing stormwater runoff from impervious surfaces that includes soil infiltration shall be implemented.

EPA General Condition 4 – Projects or Activities Discharging to Impaired Waters

Projects or activities are not authorized under the NWPs if the project will involve point source discharges into an active channel (e.g., flowing or open waters) of a water of the U.S. listed as impaired under CWA Section 303(d) and/or if the waterbody has an approved Total Maximum Daily Load (TMDL) and the discharge may result in further exceedance of a specific parameter (e.g., total suspended solids, dissolved oxygen, temperature) for which the waterbody is listed or has an approved TMDL. The current lists of impaired waters of the U.S. under CWA Section 303(d) and waters of the U.S. for which a TMDL has been approved are available on EPA Region 10's web site at: https://www.epa.gov/tmdl/impaired-waters-and-tmdls-region-10.

EPA General Condition 5 – Notice to EPA

All project proponents shall provide notice to EPA Region 10 prior to commencing construction activities authorized by a NWP. This will provide EPA Region 10 with the opportunity to inspect the activity for the purposes of determining whether any discharge from the proposed project will violate this CWA Section 401 WQC. Where the Corps requires a PCN for an applicable NWP, the project proponent shall also provide the PCN to EPA Region 10. EPA Region 10 will provide written notification to the project proponent if the proposed project will violate the water quality certification of the NWP.

EPA General Condition 6 – Unsuitable Materials

The project proponent shall not use wood products treated with leachable chemical components (e.g., copper, arsenic, zinc, creosote, chromium, chloride, fluoride, pentachlorophenol), which result in a discharge to waters of the U.S., unless the wood products meet the following criteria:

1. Wood preservatives and their application shall be in compliance with EPA label requirements and criteria of approved EPA Registration Documents under the Federal Insecticide, Fungicide, and Rodenticide Act;
2. Use of chemically treated wood products shall follow the Western Wood Preservatives Institute (WWPI) guidelines and BMPs to minimize the preservative migrating from treated wood into the aquatic environment;
3. For new or replacement wood structures, the wood shall be sealed with non-toxic products such as water-based silica or soy-based water repellants or sealers to prevent or limit leaching. Acceptable alternatives to chemically treated wood include untreated wood, steel (painted, unpainted or coated with epoxy petroleum compound or plastic), concrete and plastic lumber; and
4. All removal of chemically treated wood products (including pilings) shall follow the most recent "EPA Region 10 Best Management Practices for Piling Removal and Placement in Washington State."

NWP Specific Conditions:

NWP 3 is conditionally certified, subject to the general conditions listed above, for all maintenance, repair or replacement activities authorized under this NWP, <u>except</u> that an individual project-specific WQC is required when the project involves:

1. Maintenance, repair, or replacement of shoreline stabilization using hard armoring approaches; or
2. Extending existing infrastructure beyond its prior footprint in fish bearing waters of the U.S.; or
3. Excavation or dredging in marine waters.

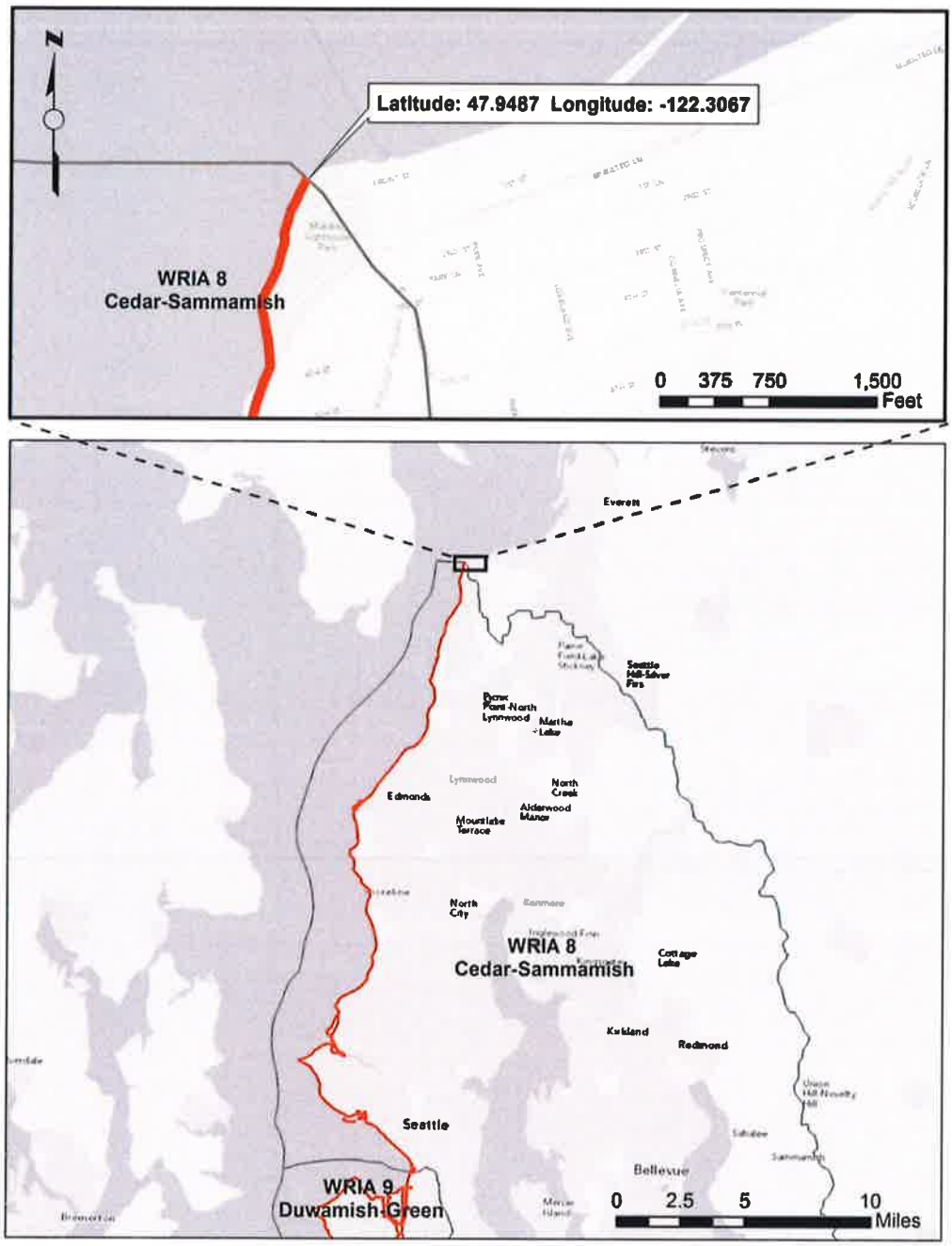
Specific Tribes with Certifying Authority (Projects in Specific Tribal Areas):
WQC was issued by the Swinomish Indian Tribal Community. WQC was waived by the Confederated Tribes of the Chehalis Reservation and Colville Indian Reservation, Kalispel Tribe of Indians, Port Gamble S'Klallam Tribe, Quinault Indian Nation, and the Spokane Tribe of Indians. WQC was denied by the Lummi Nation, Makah Tribe, Puyallup Tribe of Indians, and the Tulalip Tribes; therefore, individual WQC is required from these tribes.

F. COASTAL ZONE MANAGEMENT ACT (CZMA) CONSISTENCY RESPONSE FOR THIS NWP:

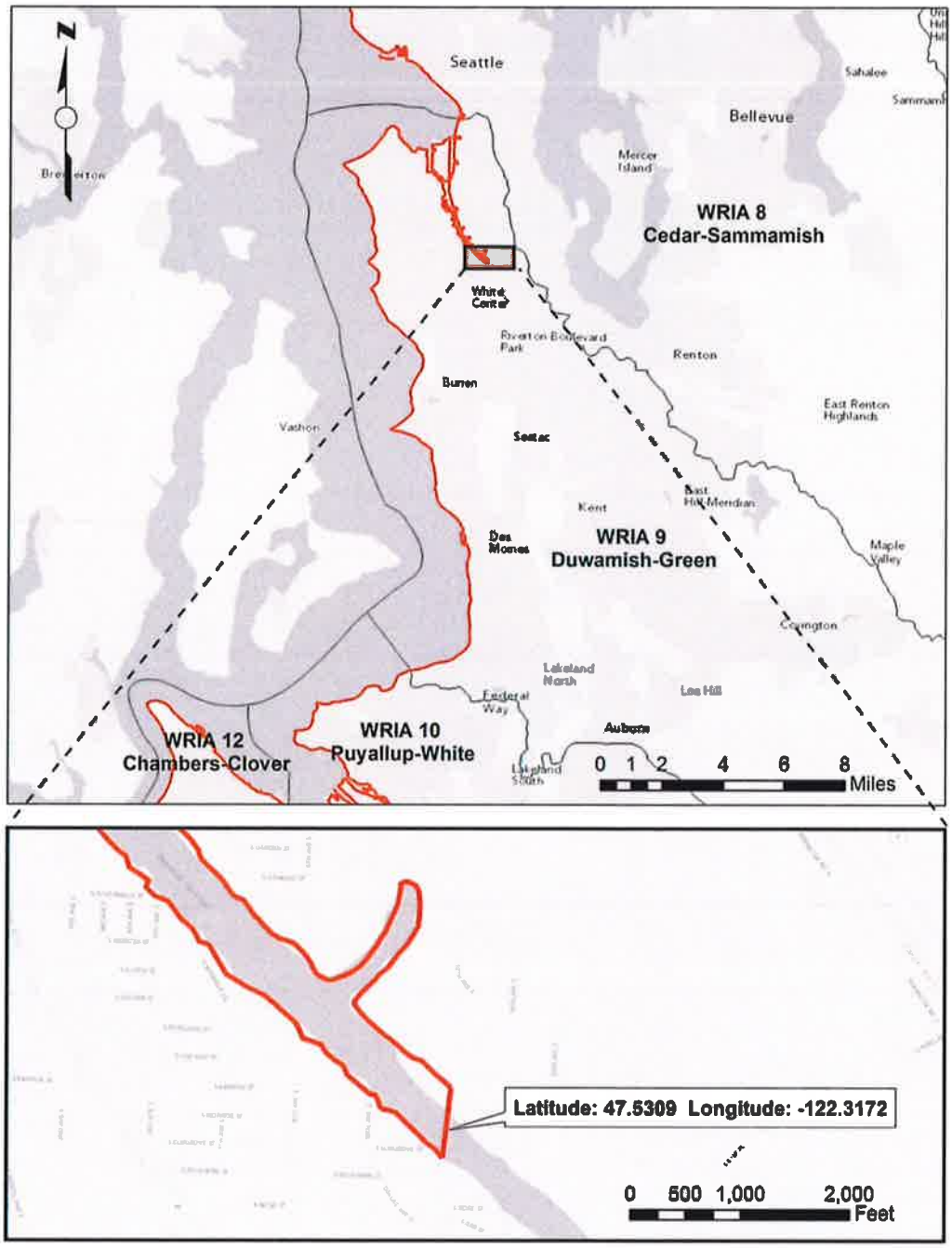
Ecology's determination is that they concur with conditions that this NWP is consistent with CZMA.

1. A CZM Federal Consistency Decision is required for projects or activities under this NWP if a State 401 Water Quality Certification is required.

Seattle District Regional General Conditions - Figures
Figure 1: RGC 3 - WRIAs 8, 9, 10, 11, and 12
a. WRIA 8



b. WRIA 9


N
Seattle
Bellevue
Mercer Island
WRIA 8
Cedar-Sammamish
White Center
Renton
Burien
Vashon
Kent
Des Moines
WRIA 9
Duwamish-Green
Maple Valley
Lakeland North
Auburn
WRIA 12
Chambers-Clover
WRIA 10
Puyallup-White
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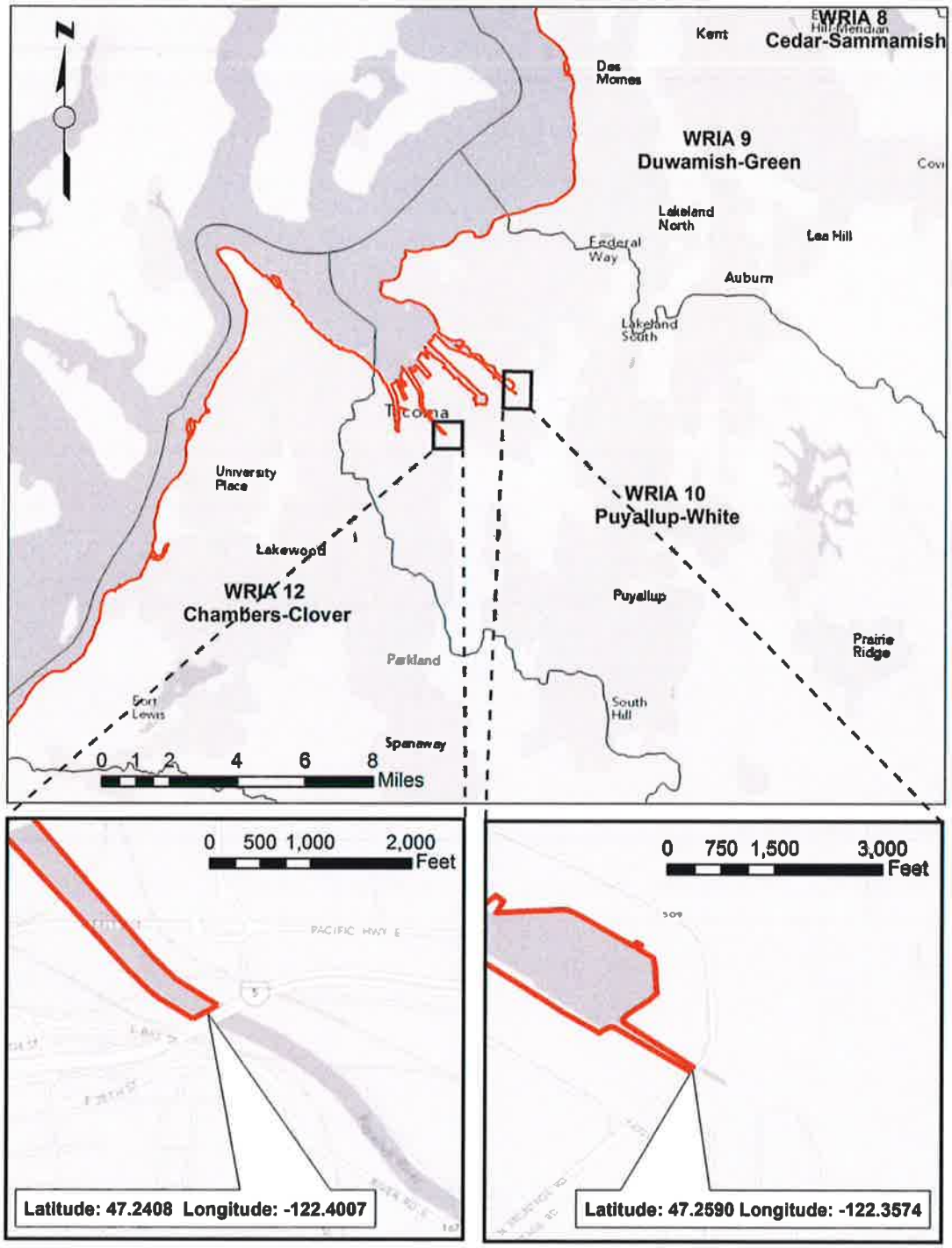
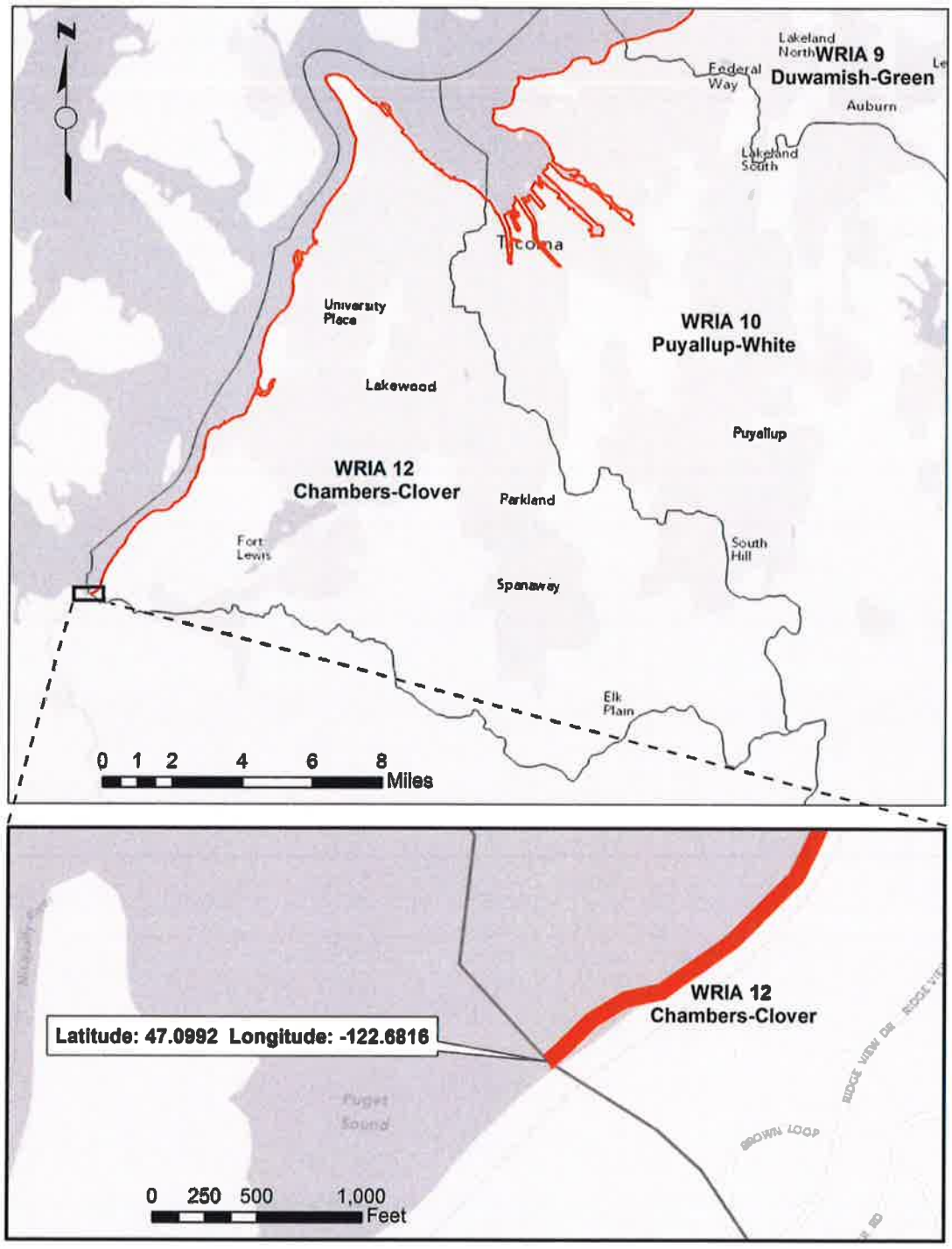
0 500 1,000 2,000 Feet

c. WRIA 10


N
WRIA 8
Cedar-Sammamish
Kent
Des Moines
WRIA 9
Duwamish-Green
Lakeland North
Lea Hill
Federal Way
Auburn
Lakeland South
Tacoma
University Place
WRIA 10
Puyallup-White
Lakewood
WRIA 12
Chambers-Clover
Puyallup
Prairie Ridge
Parkland
Fort Lewis
South Hill
Spanaway
0 1 2 4 6 8 Miles
0 500 1,000 2,000 Feet
PACIFIC HWY E
Latitude: 47.2408 Longitude: -122.4007
0 750 1,500 3,000 Feet
Latitude: 47.2590 Longitude: -122.3574

d. WRIA 12


N
Lakeland North
WRIA 9
Duwamish-Green
Federal Way
Auburn
Lakeland South
Tacoma
University Place
WRIA 10
Puyallup-White
Lakewood
Puyallup
WRIA 12
Chambers-Clover
Parkland
Fort Lewis
South Hill
Spanaway
Elk Plain
0 1 2 4 6 8
Miles
WRIA 12
Chambers-Clover
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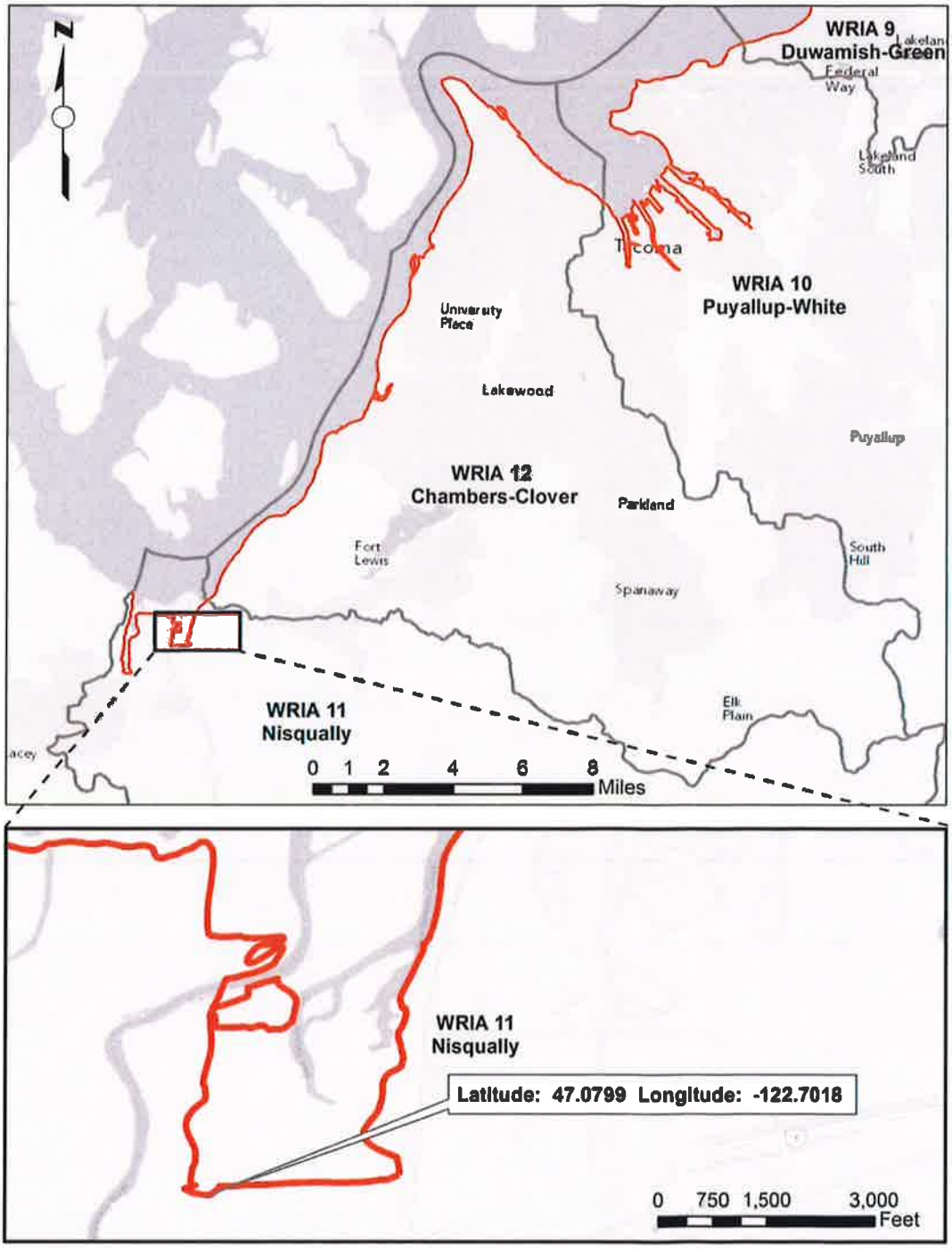
Puget Sound
BROWN LOOP
0 250 500 1,000
Feet

e. WRIA 11


N
WRIA 9
Duwamish-Green
Federal Way
Lakeland South
Tacoma
WRIA 10
Puyallup-White
University Place
Lakewood
Puyallup
WRIA 12
Chambers-Clover
Parkland
Fort Lewis
South Hill
Spanaway
WRIA 11
Nisqually
Elk Plain
0 1 2 4 6 8
Miles
WRIA 11
Nisqually
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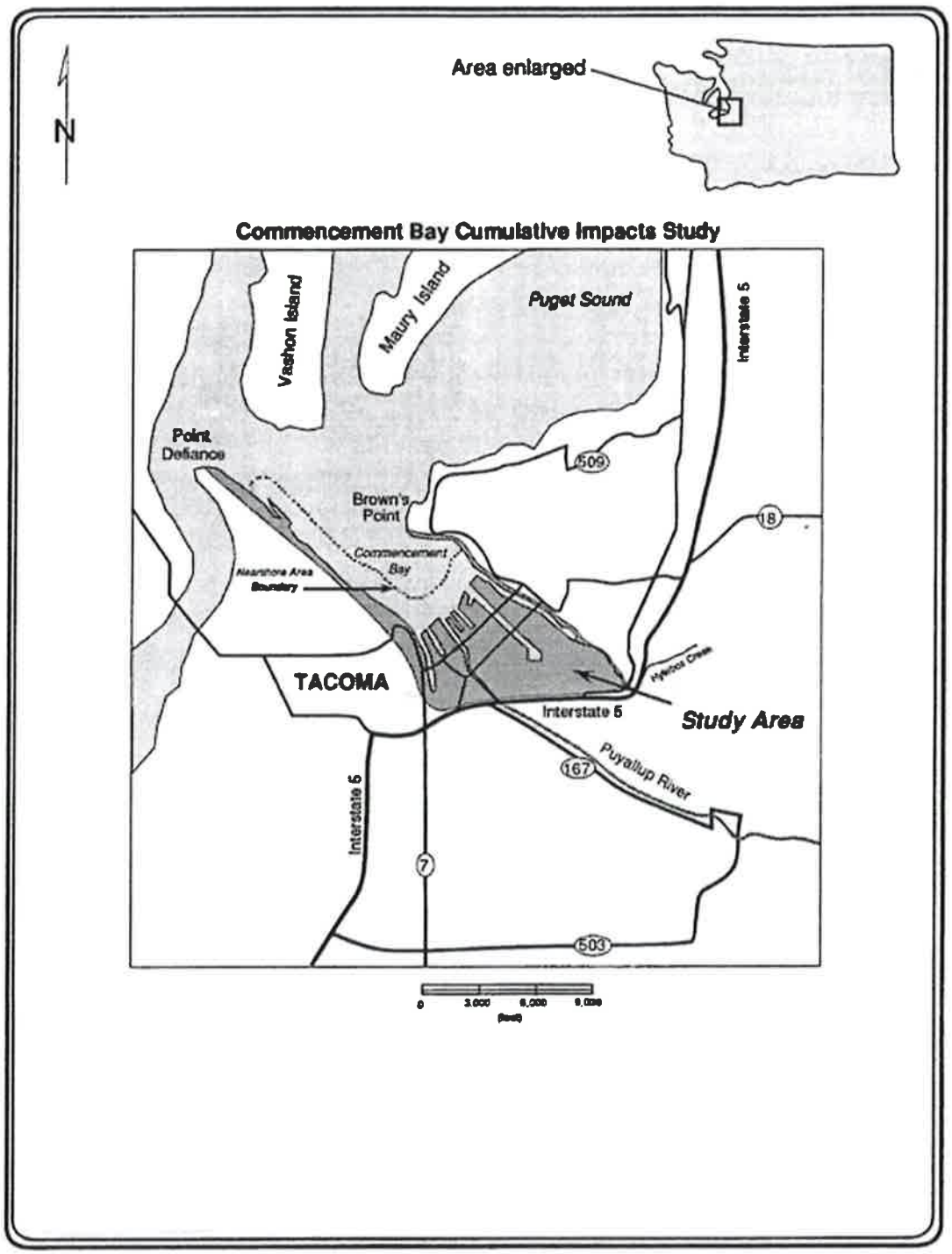
0 750 1,500 3,000
Feet

Figure 2. RGC 4 - Commencement Bay Study Area



US Army Corps of Engineers
Seattle District

NATIONWIDE PERMIT 27
Terms and Conditions

2021 NWPs - Final 41; Effective Date: February 25, 2022

A. Description of Authorized Activities
B. U.S. Army Corps of Engineers (Corps) National General Conditions for All Final 41 NWPs
C. Seattle District Regional General Conditions
D. Seattle District Regional Specific Conditions for this Nationwide Permit (NWP)
E. 401 Water Quality Certification (401 WQC) for this NWP
F. Coastal Zone Management Consistency Response for this NWP

In addition to any special condition that may be required on a case-by-case basis by the District Engineer, the following terms and conditions must be met, as applicable, for a Nationwide Permit (NWP) authorization to be valid in Washington State.

A. DESCRIPTION OF AUTHORIZED ACTIVITIES

27. Aquatic Habitat Restoration, Enhancement, and Establishment Activities. Activities in waters of the United States associated with the restoration, enhancement, and establishment of tidal and non-tidal wetlands and riparian areas, the restoration and enhancement of non-tidal streams and other non-tidal open waters, and the rehabilitation or enhancement of tidal streams, tidal wetlands, and tidal open waters, provided those activities result in net increases in aquatic resource functions and services.

To be authorized by this NWP, the aquatic habitat restoration, enhancement, or establishment activity must be planned, designed, and implemented so that it results in aquatic habitat that resembles an ecological reference. An ecological reference may be based on the characteristics of one or more intact aquatic habitats or riparian areas of the same type that exist in the region. An ecological reference may be based on a conceptual model developed from regional ecological knowledge of the target aquatic habitat type or riparian area.

To the extent that a Corps permit is required, activities authorized by this NWP include, but are not limited to the removal of accumulated sediments; releases of sediment from reservoirs to maintain sediment transport continuity to restore downstream habitats; the installation, removal, and maintenance of small water control structures, dikes, and berms, as well as discharges of dredged or fill material to restore appropriate stream channel configurations after small water control structures, dikes, and berms are removed; the installation of current deflectors; the enhancement, rehabilitation, or re-establishment of riffle and pool stream structure; the placement of in-stream habitat structures; modifications of the stream bed and/or banks to enhance, rehabilitate, or re-establish stream meanders; the removal of stream barriers, such as undersized culverts, fords, and grade control structures; the backfilling of artificial channels; the removal of existing drainage structures, such as drain tiles, and the filling, blocking, or reshaping of drainage ditches to restore wetland hydrology; the installation of structures or fills necessary to restore or enhance wetland or stream hydrology; the construction of small nesting islands; the construction of open water areas; the construction of oyster habitat over unvegetated bottom in tidal waters; coral restoration or relocation activities; shellfish seeding; activities needed to reestablish vegetation, including plowing or discing for seed bed preparation and the planting of appropriate wetland species; re-establishment of submerged aquatic vegetation in areas where those plant communities previously existed; re-establishment of tidal wetlands in tidal waters where those wetlands previously existed; mechanized land clearing to remove non-native invasive, exotic, or nuisance vegetation; and other related activities. Only native plant species should be planted at the site.

This NWP authorizes the relocation of non-tidal waters, including non-tidal wetlands and streams, on the project site provided there are net increases in aquatic resource functions and services.

Except for the relocation of non-tidal waters on the project site, this NWP does not authorize the conversion of a stream or natural wetlands to another aquatic habitat type (e.g., the conversion of a stream to wetland or vice versa) or uplands. Changes in wetland plant communities that occur when wetland hydrology is more fully restored during wetland rehabilitation activities are not considered a conversion to another aquatic habitat type. This NWP does not authorize stream channelization. This NWP does not authorize the relocation of tidal waters or the conversion of tidal waters, including tidal wetlands, to other aquatic uses, such as the conversion of tidal wetlands into open water impoundments.

Compensatory mitigation is not required for activities authorized by this NWP since these activities must result in net increases in aquatic resource functions and services.

Reversion. For enhancement, restoration, and establishment activities conducted: (1) In accordance with the terms and conditions of a binding stream or wetland enhancement or restoration agreement, or a wetland establishment agreement, between the landowner and the U.S. Fish and Wildlife Service (FWS), the Natural Resources Conservation Service (NRCS), the Farm Service Agency (FSA), the National Marine Fisheries Service (NMFS), the National Ocean Service (NOS), U.S. Forest Service (USFS), or their designated state cooperating agencies; (2) as voluntary wetland restoration, enhancement, and establishment actions documented by the NRCS or USDA Technical Service Provider pursuant to NRCS Field Office Technical Guide standards; or (3) on reclaimed surface coal mine lands, in accordance with a Surface Mining Control and Reclamation Act permit issued by the Office of Surface Mining Reclamation and Enforcement (OSMRE) or the applicable state agency, this NWP also authorizes any future discharge of dredged or fill material associated with the reversion of the area to its documented prior condition and use (i.e., prior to the restoration, enhancement, or establishment activities). The reversion must occur within five years after expiration of a limited term wetland restoration or establishment agreement or permit, and is authorized in these circumstances even if the discharge of dredged or fill material occurs after this NWP expires. The five-year reversion limit does not apply to agreements without time limits reached between the landowner and the FWS, NRCS, FSA, NMFS, NOS, USFS, or an appropriate state cooperating agency. This NWP also authorizes discharges of dredged or fill material in waters of the United States for the reversion of wetlands that were restored, enhanced, or established on prior-converted cropland or on uplands, in accordance with a binding agreement between the landowner and NRCS, FSA, FWS, or their designated state cooperating agencies (even though the restoration, enhancement, or establishment activity did not require a section 404 permit). The prior condition will be documented in the original agreement or permit, and the determination of return to prior conditions will be made by the Federal agency or appropriate state agency executing the agreement or permit. Before conducting any reversion activity, the permittee or the appropriate Federal or state agency must notify the district engineer and include the documentation of the prior condition. Once an area has reverted to its prior physical condition, it will be subject to whatever the Corps Regulatory requirements are applicable to that type of land at the time. The requirement that the activity results in a net increase in aquatic resource functions and services does not apply to reversion activities meeting the above conditions. Except for the activities described above, this NWP does not authorize any future discharge of dredged or fill material associated with the reversion of the area to its prior condition. In such cases a separate permit would be required for any reversion.

Reporting. For those activities that do not require pre-construction notification, the permittee must submit to the district engineer a copy of: (1) the binding stream enhancement or restoration agreement or wetland enhancement, restoration, or establishment agreement, or a project description, including project plans and location map; (2) the NRCS or USDA Technical Service Provider documentation for the voluntary stream enhancement or restoration action or wetland restoration, enhancement, or establishment action; or (3) the SMCRA permit issued by OSMRE or the applicable state agency. The report must also include information on baseline ecological conditions on the project site, such as a delineation of wetlands, streams, and/or other aquatic habitats. These documents must be submitted to the district engineer at least 30 days prior to commencing activities in waters of the United States authorized by this NWP.

Notification: The permittee must submit a pre-construction notification to the district engineer prior to commencing any activity (see general condition 32), except for the following activities:

(1) Activities conducted on non-Federal public lands and private lands, in accordance with the terms and conditions of a binding stream enhancement or restoration agreement or wetland enhancement, restoration, or establishment agreement between the landowner and the FWS, NRCS, FSA, NMFS, NOS, USFS or their designated state cooperating agencies;

(2) Activities conducted in accordance with the terms and conditions of a binding coral restoration or relocation agreement between the project proponent and the NMFS or any of its designated state cooperating agencies;

(3) Voluntary stream or wetland restoration or enhancement action, or wetland establishment action, documented by the NRCS or USDA Technical Service Provider pursuant to NRCS Field Office Technical Guide standards; or

(4) The reclamation of surface coal mine lands, in accordance with an SMCRA permit issued by the OSMRE or the applicable state agency.

However, the permittee must submit a copy of the appropriate documentation to the district engineer to fulfill the reporting requirement. (Authorities: Sections 10 and 404)

Note: This NWP can be used to authorize compensatory mitigation projects, including mitigation banks and in-lieu fee projects. However, this NWP does not authorize the reversion of an area used for a compensatory mitigation project to its prior condition, since compensatory mitigation is generally intended to be permanent.

B. CORPS NATIONAL GENERAL CONDITIONS FOR ALL 2021 NWPs - FINAL 41

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as applicable, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP. Every person who may wish to obtain permit authorization under one or more NWPs, or who is currently relying on an existing or prior permit authorization under one or more NWPs, has been and is on notice that all of the provisions of 33 CFR 330.1 through 330.6 apply to every NWP authorization. Note especially 33 CFR 330.5 relating to the modification, suspension, or revocation of any NWP authorization.

1. Navigation. (a) No activity may cause more than a minimal adverse effect on navigation.

(b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

(c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his or her authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

2. Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species. If a bottomless culvert cannot be

used, then the crossing should be designed and constructed to minimize adverse effects to aquatic life movements.

3. Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

5. Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48, or is a shellfish seeding or habitat restoration activity authorized by NWP 27.

6. Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).

7. Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.

9. Management of Water Flows. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization, storm water management activities, and temporary and permanent road crossings, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

10. Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.

11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.

12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow, or during low tides.

13. Removal of Temporary Structures and Fills. Temporary structures must be removed, to the maximum extent practicable, after their use has been discontinued. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance with applicable NWP general conditions, as well as any activity-specific conditions added by the district engineer to an NWP authorization.

15. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

16. Wild and Scenic Rivers. (a) No NWP activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status.

(b) If a proposed NWP activity will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, the permittee must submit a pre-construction notification (see general condition 32). The district engineer will coordinate the PCN with the Federal agency with direct management responsibility for that river. Permittees shall not begin the NWP activity until notified by the district engineer that the Federal agency with direct management responsibility for that river has determined in writing that the proposed NWP activity will not adversely affect the Wild and Scenic River designation or study status.

(c) Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or study river (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service). Information on these rivers is also available at: http://www.rivers.gov/.

17. Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

18. Endangered Species. (a) No activity is authorized under any NWP which is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify designated critical habitat or critical habitat proposed for such designation. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless ESA section 7 consultation addressing the consequences of the proposed activity on listed species or critical habitat has been completed. See 50 CFR 402.02 for the definition of "effects of the action" for the purposes of ESA section 7 consultation, as well as 50 CFR 402.17, which provides further explanation under ESA section 7 regarding "activities that are reasonably certain to occur" and "consequences caused by the proposed action."

(b) Federal agencies should follow their own procedures for complying with the requirements of the ESA (see 33 CFR 330.4(f)(1)). If pre-construction notification is required for the proposed activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation has not been submitted, additional ESA section 7 consultation may be necessary for the activity and the respective federal agency would be responsible for fulfilling its obligation under section 7 of the ESA.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat or critical habitat proposed for such designation, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect Federally-listed endangered or threatened species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation), the pre-construction notification must include the name(s) of the endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or that utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical habitat and will notify the non-Federal applicant

of the Corps' determination within 45 days of receipt of a complete pre-construction notification. For activities where the non-Federal applicant has identified listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) that might be affected or is in the vicinity of the activity, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification that the proposed activity will have "no effect" on listed species (or species proposed for listing or designated critical habitat (or critical habitat proposed for such designation), or until ESA section 7 consultation or conference has been completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(d) As a result of formal or informal consultation or conference with the FWS or NMFS the district engineer may add species-specific permit conditions to the NWPs.

(e) Authorization of an activity by an NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the FWS or the NMFS, the Endangered Species Act prohibits any person subject to the jurisdiction of the United States to take a listed species, where "take" means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word "harm" in the definition of "take" means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

(f) If the non-federal permittee has a valid ESA section 10(a)(1)(B) incidental take permit with an approved Habitat Conservation Plan for a project or a group of projects that includes the proposed NWP activity, the non-federal applicant should provide a copy of that ESA section 10(a)(1)(B) permit with the PCN required by paragraph (c) of this general condition. The district engineer will coordinate with the agency that issued the ESA section 10(a)(1)(B) permit to determine whether the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation conducted for the ESA section 10(a)(1)(B) permit. If that coordination results in concurrence from the agency that the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation for the ESA section 10(a)(1)(B) permit, the district engineer does not need to conduct a separate ESA section 7 consultation for the proposed NWP activity. The district engineer will notify the non-federal applicant within 45 days of receipt of a complete pre-construction notification whether the ESA section 10(a)(1)(B) permit covers the proposed NWP activity or whether additional ESA section 7 consultation is required.

(g) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the FWS and NMFS or their world wide web pages at http://www.fws.gov/ or http://www.fws.gov/ipac and http://www.nmfs.noaa.gov/pr/species/esa/ respectively.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring that an action authorized by an NWP complies with the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine what measures, if any, are necessary or appropriate to reduce adverse effects to migratory birds or eagles, including whether "incidental take" permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

20. Historic Properties. (a) No activity is authorized under any NWP which may have the potential to cause effects to properties listed, or eligible for listing, in the National Register of Historic Places until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.

(b) Federal permittees should follow their own procedures for complying with the requirements of section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)(1)). If pre-construction notification is required for the proposed NWP activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will

verify that the appropriate documentation has been submitted. If the appropriate documentation is not submitted, then additional consultation under section 106 may be necessary. The respective federal agency is responsible for fulfilling its obligation to comply with section 106.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the NWP activity might have the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the pre-construction notification must state which historic properties might have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of, or potential for, the presence of historic properties can be sought from the State Historic Preservation Officer, Tribal Historic Preservation Officer, or designated tribal representative, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). When reviewing pre-construction notifications, district engineers will comply with the current procedures for addressing the requirements of section 106 of the National Historic Preservation Act. The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts commensurate with potential impacts, which may include background research, consultation, oral history interviews, sample field investigation, and/or field survey. Based on the information submitted in the PCN and these identification efforts, the district engineer shall determine whether the proposed NWP activity has the potential to cause effects on the historic properties. Section 106 consultation is not required when the district engineer determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). Section 106 consultation is required when the district engineer determines that the activity has the potential to cause effects on historic properties. The district engineer will conduct consultation with consulting parties identified under 36 CFR 800.2(c) when he or she makes any of the following effect determinations for the purposes of section 106 of the NHPA: no historic properties affected, no adverse effect, or adverse effect.

(d) Where the non-Federal applicant has identified historic properties on which the proposed NWP activity might have the potential to cause effects and has so notified the Corps, the non-Federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects to historic properties or that NHPA section 106 consultation has been completed. For non-federal permittees, the district engineer will notify the prospective permittee within 45 days of receipt of a complete pre-construction notification whether NHPA section 106 consultation is required. If NHPA section 106 consultation is required, the district engineer will notify the non-Federal applicant that he or she cannot begin the activity until section 106 consultation is completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(e) Prospective permittees should be aware that section 110k of the NHPA (54 U.S.C. 306113) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.

21. Discovery of Previously Unknown Remains and Artifacts. Permittees that discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by an NWP, they must immediately notify the district engineer of what they have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the Federal, Tribal,

and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

22. Designated Critical Resource Waters. Critical resource waters include, NOAA-managed marine sanctuaries and marine monuments, and National Estuarine Research Reserves. The district engineer may designate, after notice and opportunity for public comment, additional waters officially designated by a state as having particular environmental or ecological significance, such as outstanding national resource waters or state natural heritage sites. The district engineer may also designate additional critical resource waters after notice and opportunity for public comment.

(a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, 50, 51, 52, 57 and 58 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.

(b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, 38, and 54, notification is required in accordance with general condition 32, for any activity proposed by permittees in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after she or he determines that the impacts to the critical resource waters will be no more than minimal.

23. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. For wetland losses of 1/10-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects.

(d) Compensatory mitigation at a minimum one-for-one ratio will be required for all losses of stream bed that exceed 3/100-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. This compensatory mitigation requirement may be satisfied through the restoration or enhancement of riparian areas next to streams in accordance with paragraph (e) of this general condition. For losses of stream bed of 3/100-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects. Compensatory mitigation for losses of streams should be provided, if practicable, through stream rehabilitation, enhancement, or preservation, since streams are difficult-to-replace resources (see 33 CFR 332.3(e)(3)).

(e) Compensatory mitigation plans for NWP activities in or near streams or other open waters will normally include a requirement for the restoration or enhancement, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, the restoration or maintenance/protection of riparian areas may be the only compensatory mitigation required. If restoring riparian areas involves planting vegetation, only native species should be planted. The width of the

required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. If it is not possible to restore or maintain/protect a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or maintaining/protecting a riparian area along a single bank or shoreline may be sufficient. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of minimization or compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(f) Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR part 332.

(1) The prospective permittee is responsible for proposing an appropriate compensatory mitigation option if compensatory mitigation is necessary to ensure that the activity results in no more than minimal adverse environmental effects. For the NWPs, the preferred mechanism for providing compensatory mitigation is mitigation bank credits or in-lieu fee program credits (see 33 CFR 332.3(b)(2) and (3)). However, if an appropriate number and type of mitigation bank or in-lieu credits are not available at the time the PCN is submitted to the district engineer, the district engineer may approve the use of permittee-responsible mitigation.

(2) The amount of compensatory mitigation required by the district engineer must be sufficient to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects (see 33 CFR 330.1(e)(3)). (See also 33 CFR 332.3(f).)

(3) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, aquatic resource restoration should be the first compensatory mitigation option considered for permittee-responsible mitigation.

(4) If permittee-responsible mitigation is the proposed option, the prospective permittee is responsible for submitting a mitigation plan. A conceptual or detailed mitigation plan may be used by the district engineer to make the decision on the NWP verification request, but a final mitigation plan that addresses the applicable requirements of 33 CFR 332.4(c)(2) through (14) must be approved by the district engineer before the permittee begins work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation (see 33 CFR 332.3(k)(3)). If permittee-responsible mitigation is the proposed option, and the proposed compensatory mitigation site is located on land in which another federal agency holds an easement, the district engineer will coordinate with that federal agency to determine if proposed compensatory mitigation project is compatible with the terms of the easement.

(5) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan needs to address only the baseline conditions at the impact site and the number of credits to be provided (see 33 CFR 332.4(c)(1)(ii)).

(6) Compensatory mitigation requirements (e.g., resource type and amount to be provided as compensatory mitigation, site protection, ecological performance standards, monitoring requirements) may be addressed through conditions added to the NWP authorization, instead of components of a compensatory mitigation plan (see 33 CFR 332.4(c)(1)(ii)).

(g) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2-acre, it cannot be used to authorize any NWP activity resulting in the loss of greater than 1/2-acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that an NWP activity already

meeting the established acreage limits also satisfies the no more than minimal impact requirement for the NWPs.

(h) Permittees may propose the use of mitigation banks, in-lieu fee programs, or permittee-responsible mitigation. When developing a compensatory mitigation proposal, the permittee must consider appropriate and practicable options consistent with the framework at 33 CFR 332.3(b). For activities resulting in the loss of marine or estuarine resources, permittee-responsible mitigation may be environmentally preferable if there are no mitigation banks or in-lieu fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee. For permittee-responsible mitigation, the special conditions of the NWP verification must clearly indicate the party or parties responsible for the implementation and performance of the compensatory mitigation project, and, if required, its long-term management.

(i) Where certain functions and services of waters of the United States are permanently adversely affected by a regulated activity, such as discharges of dredged or fill material into waters of the United States that will convert a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse environmental effects of the activity to the no more than minimal level.

24. Safety of Impoundment Structures. To ensure that all impoundment structures are safely designed, the district engineer may require non-Federal applicants to demonstrate that the structures comply with established state or federal, dam safety criteria or have been designed by qualified persons. The district engineer may also require documentation that the design has been independently reviewed by similarly qualified persons, and appropriate modifications made to ensure safety.

25. Water Quality. (a) Where the certifying authority (state, authorized tribe, or EPA, as appropriate) has not previously certified compliance of an NWP with CWA section 401, a CWA section 401 water quality certification for the proposed discharge must be obtained or waived (see 33 CFR 330.4(c)). If the permittee cannot comply with all of the conditions of a water quality certification previously issued by certifying authority for the issuance of the NWP, then the permittee must obtain a water quality certification or waiver for the proposed discharge in order for the activity to be authorized by an NWP.

(b) If the NWP activity requires pre-construction notification and the certifying authority has not previously certified compliance of an NWP with CWA section 401, the proposed discharge is not authorized by an NWP until water quality certification is obtained or waived. If the certifying authority issues a water quality certification for the proposed discharge, the permittee must submit a copy of the certification to the district engineer. The discharge is not authorized by an NWP until the district engineer has notified the permittee that the water quality certification requirement has been satisfied by the issuance of a water quality certification or a waiver.

(c) The district engineer or certifying authority may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.

26. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). If the permittee cannot comply with all of the conditions of a coastal zone management consistency concurrence previously issued by the state, then the permittee must obtain an individual coastal zone management consistency concurrence or presumption of concurrence in order for the activity to be authorized by an NWP. The district engineer or a state may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

27. Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its CWA section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

28. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is authorized, subject to the following restrictions:
(a) If only one of the NWPs used to authorize the single and complete project has a specified acreage limit, the acreage loss of waters of the United States cannot exceed the acreage limit of the NWP with the highest specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14, with associated bank stabilization authorized by NWP 13, the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.
(b) If one or more of the NWPs used to authorize the single and complete project has specified acreage limits, the acreage loss of waters of the United States authorized by those NWPs cannot exceed their respective specified acreage limits. For example, if a commercial development is constructed under NWP 39, and the single and complete project includes the filling of an upland ditch authorized by NWP 46, the maximum acreage loss of waters of the United States for the commercial development under NWP 39 cannot exceed 1/2-acre, and the total acreage loss of waters of United States due to the NWP 39 and 46 activities cannot exceed 1 acre.

29. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

"When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below."

_____
(Transferee)

_____
(Date)

30. Compliance Certification. Each permittee who receives an NWP verification letter from the Corps must provide a signed certification documenting completion of the authorized activity and implementation of any required compensatory mitigation. The success of any required permittee-responsible mitigation, including the achievement of ecological performance standards, will be addressed separately by the district engineer. The Corps will provide the permittee the certification document with the NWP verification letter. The certification document will include:

(a) A statement that the authorized activity was done in accordance with the NWP authorization, including any general, regional, or activity-specific conditions;

(b) A statement that the implementation of any required compensatory mitigation was completed in accordance with the permit conditions. If credits from a mitigation bank or in-lieu fee program are used to satisfy the compensatory mitigation requirements, the certification must include the documentation required by 33 CFR 332.3(l)(3) to confirm that the permittee secured the appropriate number and resource type of credits; and

(c) The signature of the permittee certifying the completion of the activity and mitigation.

The completed certification document must be submitted to the district engineer within 30 days of completion of the authorized activity or the implementation of any required compensatory mitigation, whichever occurs later.

31. Activities Affecting Structures or Works Built by the United States. If an NWP activity also requires review by, or permission from, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers (USACE) federally authorized Civil Works project (a "USACE project"), the prospective permittee must submit a pre-construction notification. See paragraph (b)(10) of general condition 32. An activity that requires section 408 permission and/or review is not authorized by an NWP until the appropriate Corps office issues the section 408 permission or completes its review to alter, occupy, or use the USACE project, and the district engineer issues a written NWP verification.

32. Pre-Construction Notification. (a) *Timing*. Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, if the PCN is determined to be incomplete, notify the prospective permittee within that 30 day period to request the additional information necessary to make the PCN complete. The request must specify the information needed to make the PCN complete. As a general rule, district engineers will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity until either:

(1) He or she is notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or

(2) 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 18 that listed species or critical habitat might be affected or are in the vicinity of the activity, or to notify the Corps pursuant to general condition 20 that the activity might have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that there is "no effect" on listed species or "no potential to cause effects" on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)) has been completed. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee may not begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee's right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).

(b) *Contents of Pre-Construction Notification*: The PCN must be in writing and include the following information:

(1) Name, address and telephone numbers of the prospective permittee;

(2) Location of the proposed activity;

(3) Identify the specific NWP or NWP(s) the prospective permittee wants to use to authorize the proposed activity;

(4) (i) A description of the proposed activity; the activity's purpose; direct and indirect adverse environmental effects the activity would cause, including the anticipated amount of loss of wetlands, other special aquatic sites, and other waters expected to result from the NWP activity, in acres, linear feet, or

other appropriate unit of measure; a description of any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed activity; and any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity, including other separate and distant crossings for linear projects that require Department of the Army authorization but do not require pre-construction notification. The description of the proposed activity and any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or other mitigation measures.

(ii) For linear projects where one or more single and complete crossings require pre-construction notification, the PCN must include the quantity of anticipated losses of wetlands, other special aquatic sites, and other waters for each single and complete crossing of those wetlands, other special aquatic sites, and other waters (including those single and complete crossings authorized by an NWP but do not require PCNs). This information will be used by the district engineer to evaluate the cumulative adverse environmental effects of the proposed linear project, and does not change those non-PCN NWP activities into NWP PCNs.

(iii) Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the activity and when provided results in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed activity (e.g., a conceptual plan), but do not need to be detailed engineering plans);

(5) The PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial and intermittent streams, on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many wetlands, other special aquatic sites, and other waters. Furthermore, the 45-day period will not start until the delineation has been submitted to or completed by the Corps, as appropriate;

(6) If the proposed activity will result in the loss of greater than 1/10-acre of wetlands or 3/100-acre of stream bed and a PCN is required, the prospective permittee must submit a statement describing how the mitigation requirement will be satisfied, or explaining why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan.

(7) For non-federal permittees, if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat (or critical habitat proposed for such designation), the PCN must include the name(s) of those endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with the Endangered Species Act;

(8) For non-federal permittees, if the NWP activity might have the potential to cause effects to a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, the PCN must state which historic property might have the potential to be affected by the proposed activity or include a vicinity map indicating the location of the historic property. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with section 106 of the National Historic Preservation Act;

(9) For an activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, the PCN must identify the Wild and Scenic River or the "study river" (see general condition 16); and

(10) For an NWP activity that requires permission from, or review by, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, the pre-construction notification must include a statement confirming that the project proponent has submitted a written request for section 408 permission from, or review by, the Corps office having jurisdiction over that USACE project.

(c) *Form of Pre-Construction Notification*: The nationwide permit pre-construction notification form (Form ENG 6082) should be used for NWP PCNs. A letter containing the required information may also be used. Applicants may provide electronic files of PCNs and supporting materials if the district engineer has established tools and procedures for electronic submittals.

(d) *Agency Coordination*: (1) The district engineer will consider any comments from Federal and state agencies concerning the proposed activity's compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the activity's adverse environmental effects so that they are no more than minimal.

(2) Agency coordination is required for: (i) all NWP activities that require pre-construction notification and result in the loss of greater than 1/2-acre of waters of the United States; (ii) NWP 13 activities in excess of 500 linear feet, fills greater than one cubic yard per running foot, or involve discharges of dredged or fill material into special aquatic sites; and (iii) NWP 54 activities in excess of 500 linear feet, or that extend into the waterbody more than 30 feet from the mean low water line in tidal waters or the ordinary high water mark in the Great Lakes.

(3) When agency coordination is required, the district engineer will immediately provide (e.g., via e-mail, facsimile transmission, overnight mail, or other expeditious manner) a copy of the complete PCN to the appropriate Federal or state offices (FWS, state natural resource or water quality agency, EPA, and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will have 10 calendar days from the date the material is transmitted to notify the district engineer via telephone, facsimile transmission, or e-mail that they intend to provide substantive, site-specific comments. The comments must explain why the agency believes the adverse environmental effects will be more than minimal. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the pre-construction notification. The district engineer will fully consider agency comments received within the specified time frame concerning the proposed activity's compliance with the terms and conditions of the NWPs, including the need for mitigation to ensure that the net adverse environmental effects of the proposed activity are no more than minimal. The district engineer will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each pre-construction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5.

(4) In cases of where the prospective permittee is not a Federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.

(5) Applicants are encouraged to provide the Corps with either electronic files or multiple copies of pre-construction notifications to expedite agency coordination.

C. SEATTLE DISTRICT REGIONAL GENERAL CONDITIONS: The following conditions apply to the 2021 NWPs - Final 41 NWPs for the Seattle District in Washington State, as applicable.

RGC 1, Project Drawings
Drawings must be submitted with pre-construction notification (PCN). Drawings must provide a clear understanding of the proposed project, and how waters of the United States will be affected. Drawings

must be originals and not reduced copies of large-scale plans. Engineering drawings are not required. Existing and proposed site conditions (manmade and landscape features) must be drawn to scale.

RGC 2, Aquatic Resources Requiring Special Protection
A PCN is required for activities resulting in a loss of waters of the United States in wetlands in dunal systems along the Washington coast, mature forested wetlands, bogs and peatlands, aspen-dominated wetlands, alkali wetlands, vernal pools, camas prairie wetlands, estuarine wetlands, and wetlands in coastal lagoons.

RGC 3, New Bank Stabilization in Tidal Waters of Puget Sound
Activities involving new bank stabilization in tidal waters in Water Resource Inventory Areas (WRIAs) 8, 9, 10, 11 and 12 (within the areas identified on Figures 1a through 1e) cannot be authorized by NWP.

RGC 4, Commencement Bay
No permanent losses of wetlands or mudflats within the Commencement Bay Study Area may be authorized by any NWP (see Figure 2).

RGC 5, Bank Stabilization
All projects including new or maintenance bank stabilization activities in waters of the United States where salmonid species are present or could be present, requires PCN to the U.S. Army Corps of Engineers (Corps) (see NWP general condition 32).
For new bank stabilization projects only, the following must be submitted to the Corps:

a. The cause of the erosion and the distance of any existing structures from the area(s) being stabilized.
b. The type and length of existing bank stabilization within 300 feet of the proposed project.
c. A description of current conditions and expected post-project conditions in the waterbody.
d. A statement describing how the project incorporates elements avoiding and minimizing adverse environmental effects to the aquatic environment and nearshore riparian area, including vegetation impacts in the waterbody.

In addition to a. through d., the results from any relevant geotechnical investigations can be submitted with the PCN if it describes current or expected conditions in the waterbody.

RGC 6, Crossings of Waters of the United States
Any project including installing, replacing, or modifying crossings of waters of the United States, such as culverts or bridges, requires submittal of a PCN to the U.S. Army Corps of Engineers (see NWP general condition 32).
If a culvert is proposed to cross waters of the U.S. where salmonid species are present or could be present, the project must apply the stream simulation design method from the Washington Department of Fish and Wildlife located in the *Water Crossing Design Guidelines* (2013), or a design method which provides passage at all life stages at all flows where the salmonid species would naturally seek passage. If the stream simulation design method is not applied for a culvert where salmonid species are present or could be present, the project proponent must provide a rationale in the PCN sufficient to establish one of the following:

a. The existence of extraordinary site conditions.
b. How the proposed design will provide equivalent or better fish passage and fisheries habitat benefits than the stream simulation design method.

Culverts installed under emergency authorization that do not meet the above design criteria will be required to meet the above design criteria to receive an after-the-fact nationwide permit verification.

RGC 7, Stream Loss
A PCN is required for all activities that result in the loss of any linear feet of streams.

RGC 8, Construction Boundaries
Permittees must clearly mark all construction area boundaries within waters of the United States before beginning work on projects that involve grading or placement of fill. Boundary markers and/or construction fencing must be maintained and clearly visible for the duration of construction. Permittees

should avoid and minimize removal of native vegetation (including submerged aquatic vegetation) to the maximum extent possible.

RGC 9, ESA Reporting to NMFS
For any nationwide permit that may affect threatened or endangered species;
Incidents where any individuals of fish species, marine mammals and/or sea turtles listed by National Oceanic and Atmospheric Administration Fisheries, National Marine Fisheries Service (NMFS) under the Endangered Species Act appear to be injured or killed as a result of discharges of dredged or fill material into waters of the U.S. or structures or work in navigable waters of the U.S. authorized by this Nationwide Permit verification shall be reported to NMFS, Office of Protected Resources at (301) 713-1401 and the Regulatory Office of the Seattle District of the U.S. Army Corps of Engineers at (206) 764-3495. The finder should leave the animal alone, make note of any circumstances likely causing the death or injury, note the location and number of individuals involved and, if possible, take photographs. Adult animals should not be disturbed unless circumstances arise where they are obviously injured or killed by discharge exposure or some unnatural cause. The finder may be asked to carry out instructions provided by the NMFS to collect specimens or take other measures to ensure that evidence intrinsic to the specimen is preserved.

D. SEATTLE DISTRICT REGIONAL SPECIFIC CONDITIONS FOR THIS NWP:

NWP 27 Specific Regional Conditions:
1. A pre-construction notification (PCN) must be submitted to the district engineer (see NWP general condition 32) for any proposed project located in a Department of the Army permit compensatory mitigation site, Comprehensive Environmental Response, Compensation and Liability Act (Superfund) site, Resource Conservation and Recovery Act hazardous waste clean-up site, Washington State Department of Ecology compensatory mitigation site, or Washington State Model Toxics Control Act clean-up site.

2. For projects subject to PCN, if there is a loss of waters of the U.S. the project proponent must explain in the PCN why the loss is necessary. The project proponent must also demonstrate how despite the loss of waters the overall project would result in a net increase in aquatic/ecological functions .

3. The PCN must contain a description of pre-project site conditions including presence of wetlands (including photographs) and aquatic/ecological functions the site provides within the watershed.

4. For projects that would result in a loss of waters of the U.S., the project proponent must include maintenance and monitoring plans with the PCN.

5. Restoration projects involving shellfish seeding must use shellfish native to the watershed.

E. 401 WATER QUALITY CERTIFICATION: Depending on the geographic region of the work authorized by this verification, the appropriate 401 certifying authority has made the following determinations:

Washington Department of Ecology (Ecology) (Projects in all areas except as described for the other certifying agencies listed below): General and Specific WQC Conditions

A. State General Conditions for all Nationwide Permits

In addition to all of the U.S. Army Corps of Engineers' (Corps) national and Seattle District'sregional permit conditions, the following state general Water Quality Certification (WQC) conditions **apply to all NWPs whether granted or granted with conditions** in Washington where Ecology is the certifying authority.

Due to the lack of site specific information on the discharge types, quantities, and specific locations, as well as the condition of receiving waters and the quantity of waters (including wetlands) that may be lost,

Ecology may need to review the project if one of the following stategeneral conditions is triggered.

This case-by-case review may be required, and additional information regarding the project and associated discharges may be needed, to verify that the proposed project would comply with state water quality requirements and if an individual WQC is required or if the project meets this programmatic WQC.

1. **In-water construction activities**. Ecology WQC review is required for projects or activities authorized under NWPs where the project proponent has indicated on the Joint Aquatic Resource Permit Application (JARPA) question 9e that the project or activity will not meet State water quality standards, or has provided information indicating that the project or activity will cause, or may be likely to cause or contributeto an exceedance of a State water quality standard (Chapter 173-201A WAC) or sediment management standard (Chapter 173-204 WAC).

Note: In-water activities include any activity within a jurisdictional wetland and/orwaters.

2. **Projects or Activities Discharging to Impaired Waters**. Ecology WQC review is required for projects or activities that will occur in a 303(d) listed segment of a waterbody or upstream of a listed segment and may result in further exceedances of the specific listedparameter to determine if the project meets this programmatic WQC or will require individual WQC.

To determine if your project or activity is in a 303(d) listed segment of a waterbody, visitEcology's Water Quality Assessment webpage for maps and search tools.

3. **Aquatic resources requiring special protection**. Certain aquatic resources are unique and difficult-to-replace components of the aquatic environment in Washington. Activities that would affect these resources must be avoided to the greatest extent practicable. Compensating for adverse impacts to high value aquatic resources is typically difficult, prohibitively expensive, and may not be possible in some landscapesettings.

Ecology WQC review is required for projects or activities in areas identified below to determine if the project meets this programmatic WQC or will require individual WQC.

a. Activities in or affecting the following aquatic resources:
    i. Wetlands with special characteristics (as defined in the Washington State Wetland Rating Systems for western and eastern Washington, Ecology Publications #14-06-029 and #14-06-030):
        - Estuarine wetlands.
        - Wetlands of High Conservation Value.
        - Bogs.
        - Old-growth forested wetlands and mature forested wetlands.
        - Wetlands in coastal lagoons.
        - Wetlands in dunal systems along the Washington coast.
        - Vernal pools.
        - Alkali wetlands.

    ii. Fens, aspen-dominated wetlands, camas prairie wetlands.

    iii. Category I wetlands.

    iv. Category II wetlands with a habitat score ≥ 8 points.

b. Activities in or resulting in a loss of eelgrass (Zostera marina) beds.

This state general condition does not apply to the following NWPs:
NWP 20 – Response Operations for Oil and Hazardous Substances
NWP 32 – Completed Enforcement Actions
NWP 48 – Commercial Shellfish Mariculture Activities

4. **Loss of More than 300 Linear Feet of Streambed.** For any project that results in the lossof more than 300 linear feet of streambed Ecology WQC review is required to determineif the project meets this programmatic WQC or will require individual WQC.

5. **Temporary Fills.** For any project or activity with temporary fill in wetlands or other waters for more than six months Ecology WQC review is required to determine if theproject meets this programmatic WQC or will require individual WQC.

6. **Mitigation.** Project proponents are required to show that they have followed the mitigation sequence and have first avoided and minimized impacts to aquatic resourceswherever practicable. For projects requiring Ecology WQC review or an individual WQC with unavoidable impacts to aquatics resources, a mitigation plan must be provided.

    a. Wetland mitigation plans submitted for Ecology review and approval shall be based on the most current guidance provided in Wetland Mitigation in Washington State, Parts 1 and 2 (available on Ecology's website) and shall, at aminimum, include the following:

        i. A description of the measures taken to avoid and minimize impacts to wetlands and other waters of the U.S.

        ii. The nature of the proposed impacts (i.e., acreage of wetlands and functions lost or degraded).

        iii. The rationale for the mitigation site that was selected.

        iv. The goals and objectives of the compensatory mitigation project.

        v. How the mitigation project will be accomplished, including construction sequencing, best management practices to protect water quality, proposed performance standards for measuring success and the proposed buffer widths.

        vi. How it will be maintained and monitored to assess progress toward goals and objectives. Monitoring will generally be required for a minimum of five years. For forested and scrub-shrub wetlands, 10 years of monitoring will often be necessary.

        vii. How the compensatory mitigation site will be legally protected for the long term.

Refer to Wetland Mitigation in Washington State – Part 2: Developing Mitigation Plans (Ecology Publication #06-06-011b) and Selecting Wetland Mitigation Sites Using a Watershed Approach (Ecology Publications #09-06-032 (Western Washington) and #10-06-007 (Eastern Washington)) for guidance on selecting suitable mitigation sites and developing mitigation plans.

Ecology encourages the use of alternative mitigation approaches, includingcredit/debit methodology, advance mitigation, and other programmatic approaches such as mitigation banks and in-lieu fee programs. If you are interested in proposing use of an alternative mitigation approach, consult with the

appropriate Ecology regional staff person. Information on alternative mitigation approaches is available on Ecology's website.

b. Mitigation for other aquatic resource impacts will be determined on a case-by-case basis.

7. **Stormwater Pollution Prevention**. All projects involving land disturbance or impervious surfaces must implement stormwater pollution prevention or control measures to avoiddischarge of pollutants in stormwater runoff to waters.

a. For land disturbances during construction, the applicant must obtain and implement permits (e.g., Construction Stormwater General Permit) where required and follow Ecology's current stormwater manual.

b. Following construction, prevention or treatment of on-going stormwater runofffrom impervious surfaces shall be provided.

Ecology's Stormwater Management and Design Manuals and stormwater permitinformation are available on Ecology's website.

8. **Application**. For projects or activities that will require Ecology WQC review, or anindividual WQC, project proponents must provide Ecology with a JARPA or the equivalent information, along with the documentation provided to the Corps, as described in national general condition 32, Pre-Construction Notification (PCN), including, where applicable:

a. A description of the project, including site plans, project purpose, direct and indirect adverse environmental effects the project discharge(s) would cause, best management practices (BMPs), and proposed means to monitor the discharge(s).

b. List of all federal, state or local agency authorizations required to be used for anypart of the proposed project or any related activity.

c. Drawings indicating the OHWM, delineation of special aquatic sites, and other waters of the state. Wetland delineations must be prepared in accordance with thecurrent method required by the Corps and shall include Ecology's Wetland Rating form. Wetland Rating forms are subject to review and verification by Ecology staff.

Guidance for determining the OHWM is available on Ecology's website.

d. A statement describing how the mitigation requirement will be satisfied. A conceptual or detailed mitigation or restoration plan may be submitted. See stategeneral condition 5.

e. Other applicable requirements of Corps NWP general condition 32, Corps regional conditions, or notification conditions of the applicable NWP.

Ecology **grants with conditions Water Quality Certification** (WQC) for this NWP provided that Ecology individual WQC review is not required per the state general conditions (see above) and the following conditions:

Ecology Section 401 Water Quality Certification – Granted with conditions.

1. Ecology WQC review is required if the project or activity is in a known contaminatedor cleanup site to determine if an individual WQC is required or the project meets the programmatic WQC for this NWP.

2. Ecology individual WQC is required for projects or activities authorized under thisNWP if:
    a. The project or activity directly impacts ½ acre or more of tidal waters; or
    b. The project or activity affects ½ acre or more of wetlands; or
    c. The project or activity is a mitigation bank or an advance mitigation site.

Environmental Protection Agency (EPA) (on Tribal Lands where Tribes Do Not Have Treatment in a Similar Manner as a State and Lands with Exclusive Federal Jurisdiction in Washington):

On behalf of the 28 tribes that do not have treatment in a similar manner as a state and for exclusive federal jurisdiction lands located within the state of Washington, EPA Region 10 has determined that CWA Section 401 WQC for the following proposed NWPs is granted with conditions. EPA Region 10 has determined that any discharge authorized under the following proposed NWPs will comply with water quality requirements, as defined at 40 C.F.R. § 121.1(n), subject to the following conditions pursuant to CWA Section 401(d).

General Conditions:

EPA General Condition 1 – Aquatic Resources of Special Concern

Activities resulting in a point source discharge in the following types of aquatic resources of special concern shall request an individual project-specific CWA Section 401 WQC: mature forested wetlands; bogs, fens and other peatlands; vernal pools; aspen-dominated wetlands; alkali wetlands; camas prairie wetlands; wetlands in dunal systems along the Oregon or Washington Coast; riffle-pool complexes of streams; marine or estuarine mud-flats; salt marshes; marine waters with native eelgrass or kelp beds; or marine nearshore forage fish habitat. To identify whether a project would occur in any of these aquatic resources of special concern, project proponents shall use existing and available information to identify the location and type of resources, including using the U.S. Fish and Wildlife Service's online digital National Wetland Inventory maps, identifying project location on topographical maps, and/or providing on-site determinations as required by the Corps. When a project requires a Pre-Construction Notification (PCN) to the Corps, project proponents shall work with the Corps to identify whether the project is in any of these specific aquatic resources of special concern.

EPA General Condition 2 – Soil Erosion and Sediment Controls

Turbidity shall not exceed background turbidity by more than 50 Nephelometric Turbidity Units (NTU) above background instantaneously or more than 25 NTU above background for more than ten consecutive days.[8] Projects or activities that are expected to exceed these levels require an individual project-specific CWA Section 401 WQC.

The turbidity standard shall be met at the following distances from the discharge:

Wetted Stream Width at Discharge Point	Approximate Downstream Point to Sample to Determine Compliance
Up to 30 feet	50 feet
>30 to 100 feet	100 feet
>100 feet to 200 feet	200 feet
>200 feet	300 feet
Lake, Pond, Reservoir	Lesser of 100 feet or maximum surface distance

For Marine Water	Point of Compliance for Temporary Area of Mixing
Estuaries or Marine Waters	Radius of 150 feet from the activity causing the turbidity exceedance

Measures to prevent and/or reduce turbidity shall be implemented and monitored prior to, during, and after construction. Turbidity monitoring shall be done at the point of compliance within 24 hours of a precipitation event of 0.25 inches or greater. During monitoring and maintenance, if turbidity limits are exceeded or if measures are identified as ineffective, then additional measures shall be taken to come into compliance and EPA shall be notified within 48 hours of the exceedance or measure failure.

EPA General Condition 3 - Compliance with Stormwater Pollution Prevention and the National Pollutant Discharge Elimination System Permit Provisions

For land disturbances during construction that 1) disturb one or more acres of land, or 2) will disturb less than one acre of land but are part of a common plan of development or sale that will ultimately disturb one or more acres of land, the permittee shall obtain and implement Construction Stormwater General Permit requirements,[9] including:

1. The permittee shall develop a Stormwater Pollution Prevention Plan (SWPPP)[10] and submit it to EPA Region 10 and appropriate Corps District; and
2. Following construction, prevention or treatment of ongoing stormwater runoff from impervious surfaces that includes soil infiltration shall be implemented.

EPA General Condition 4 – Projects or Activities Discharging to Impaired Waters

Projects or activities are not authorized under the NWPs if the project will involve point source discharges into an active channel (e.g., flowing or open waters) of a water of the U.S. listed as impaired under CWA Section 303(d) and/or if the waterbody has an approved Total Maximum Daily Load (TMDL) and the discharge may result in further exceedance of a specific parameter (e.g., total suspended solids, dissolved oxygen, temperature) for which the waterbody is listed or has an approved TMDL. The current lists of impaired waters of the U.S. under CWA Section 303(d) and waters of the U.S. for which a TMDL has been approved are available on EPA Region 10's web site at: https://www.epa.gov/tmdl/impaired-waters-and-tmdls-region-10.

EPA General Condition 5 – Notice to EPA

All project proponents shall provide notice to EPA Region 10 prior to commencing construction activities authorized by a NWP. This will provide EPA Region 10 with the opportunity to inspect the activity for the purposes of determining whether any discharge from the proposed project will violate this CWA Section 401 WQC. Where the Corps requires a PCN for an applicable NWP, the project proponent shall also provide the PCN to EPA Region 10. EPA Region 10 will provide written notification to the project proponent if the proposed project will violate the water quality certification of the NWP.

EPA General Condition 6 – Unsuitable Materials

The project proponent shall not use wood products treated with leachable chemical components (e.g., copper, arsenic, zinc, creosote, chromium, chloride, fluoride, pentachlorophenol), which result in a discharge to waters of the U.S., unless the wood products meet the following criteria:

1. Wood preservatives and their application shall be in compliance with EPA label requirements and criteria of approved EPA Registration Documents under the Federal Insecticide, Fungicide, and Rodenticide Act;
2. Use of chemically treated wood products shall follow the Western Wood Preservatives Institute (WWPI) guidelines and BMPs to minimize the preservative migrating from treated wood into the aquatic environment;
3. For new or replacement wood structures, the wood shall be sealed with non-toxic

products such as water-based silica or soy-based water repellants or sealers to prevent or limit leaching. Acceptable alternatives to chemically treated wood include untreated wood, steel (painted, unpainted or coated with epoxy petroleum compound or plastic), concrete and plastic lumber; and

4. All removal of chemically treated wood products (including pilings) shall follow the most recent "EPA Region 10 Best Management Practices for Piling Removal and Placement in Washington State."

EPA NWP Specific Conditions:
NWP 27 is conditionally certified, subject to the general conditions listed above, except that an individual project-specific WQC is required when the project:

1. Involves dam removal; or
2. Involves greater than 1 acre of impacts to waters of the U.S.; or
3. Would impact greater than 500 linear feet of waters of the U.S.; or
4. Involves greater than 1/2 acre of impacts to tidal wetlands or waters.

Specific Tribes with Certifying Authority (Projects in Specific Tribal Areas):
WQC was issued by the Swinomish Indian Tribal Community. WQC was waived by the Confederated Tribes of the Chehalis Reservation and Colville Indian Reservation, Kalispel Tribe of Indians, Port Gamble S'Klallam Tribe, Quinault Indian Nation, and the Spokane Tribe of Indians. WQC was denied by the Lummi Nation, Makah Tribe, Puyallup Tribe of Indians, and the Tulalip Tribes; therefore, individual WQC is required from these tribes.

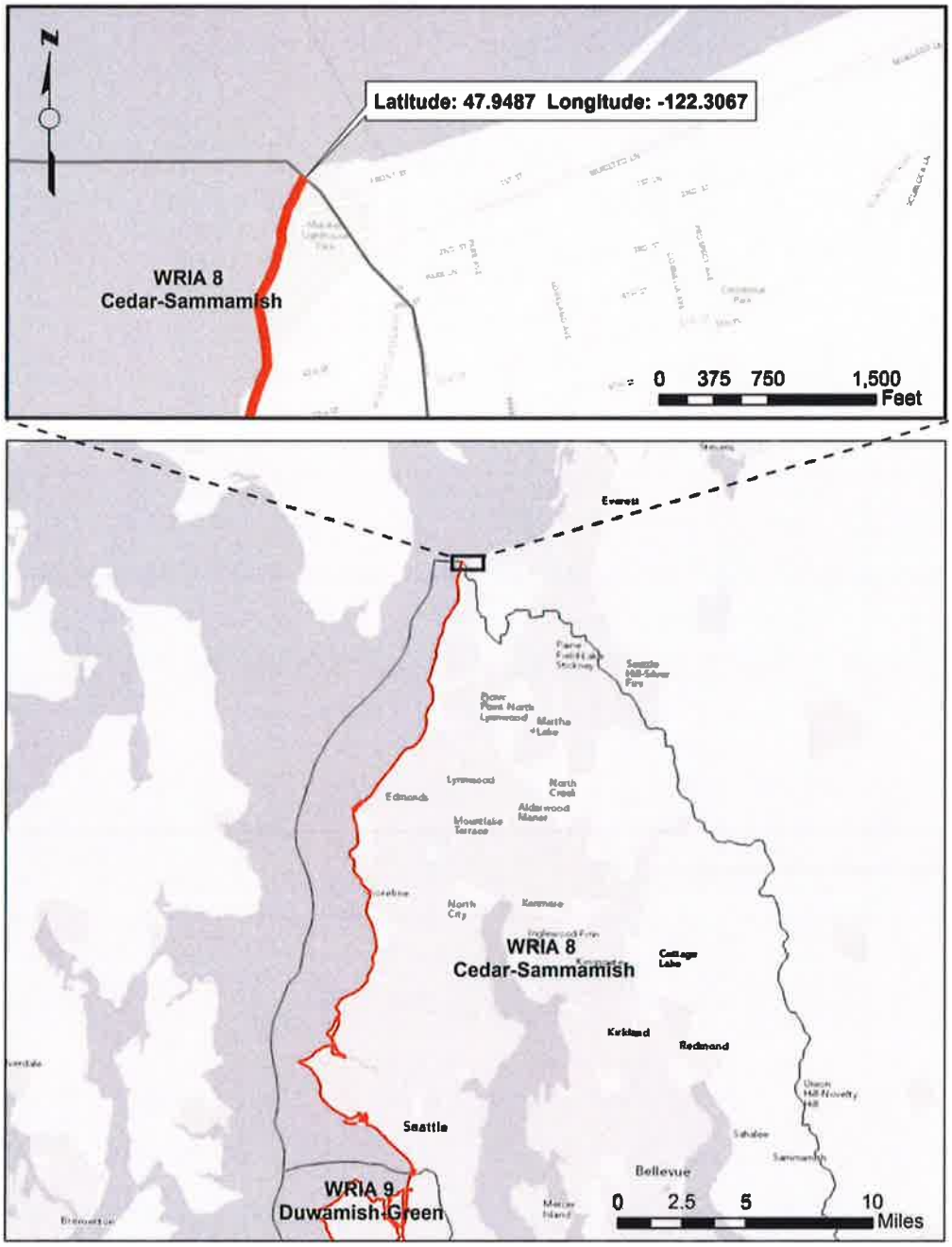
F. COASTAL ZONE MANAGEMENT ACT (CZMA) CONSISTENCY RESPONSE FOR THIS NWP:

Ecology's determination is that they concur with conditions that this NWP is consistent with CZMA.

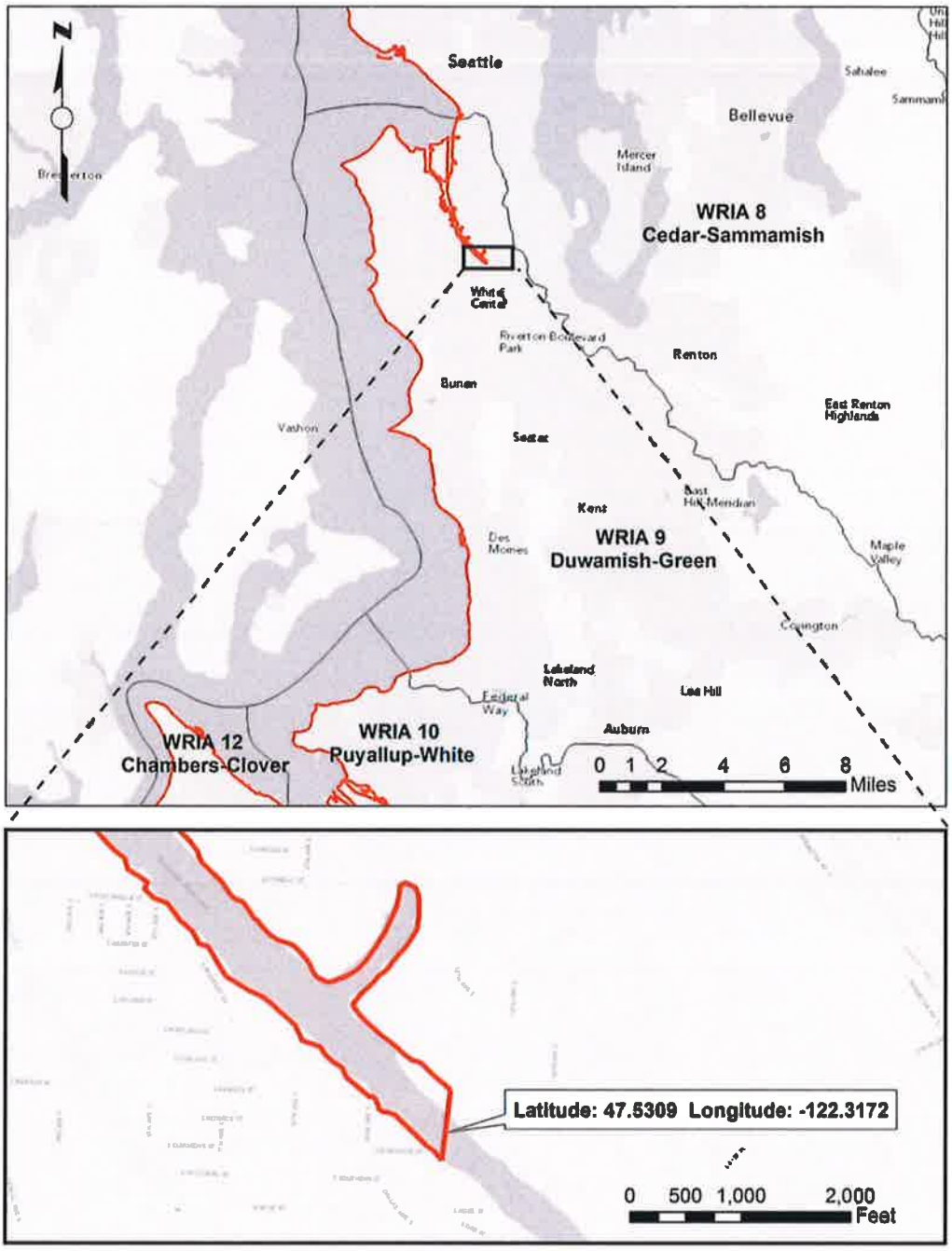
CZM Federal Consistency Response – Concur with Conditions.

1. A CZM Federal Consistency Decision is required for projects or activities under this NWP if a State 401 Water Quality Certification is required.

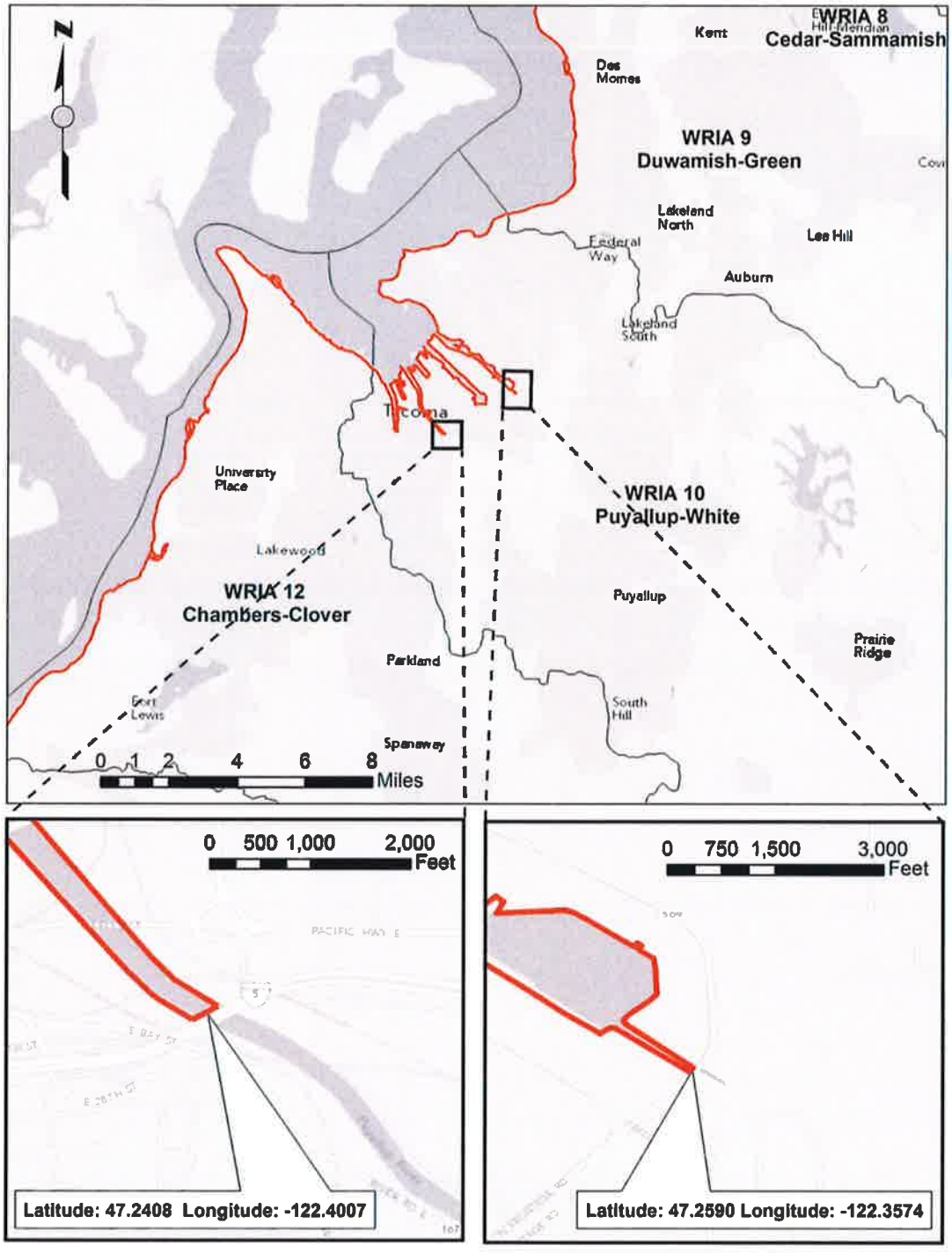
Seattle District Regional General Conditions - Figures
Figure 1: RGC 3 - WRIAs 8, 9, 10, 11, and 12
a. WRIA 8



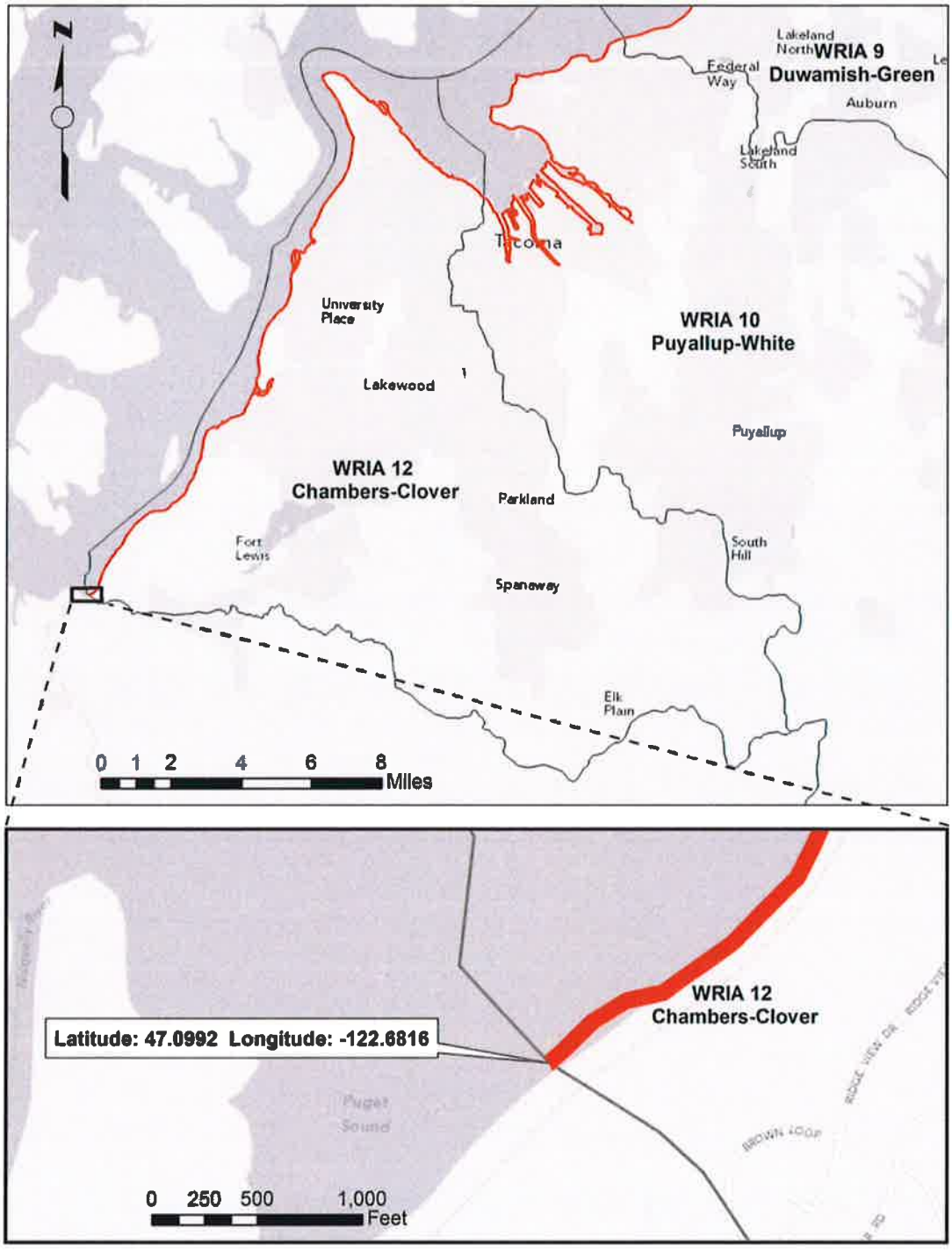
b. WRIA 9


N
Seattle
Bellevue
Mercer Island
WRIA 8
Cedar-Sammamish
Renton
Burien
Vashon
Kent
WRIA 9
Duwamish-Green
Des Moines
Maple Valley
Covington
Lakeland North
Lea Hill
Auburn
WRIA 12
Chambers-Clover
WRIA 10
Puyallup-White
0 1 2 4 6 8 Miles
Latitude: 47.5309 Longitude: -122.3172
0 500 1,000 2,000 Feet

c. WRIA 10


N
WRIA 8
Cedar-Sammamish
Kent
Des Moines
WRIA 9
Duwamish-Green
Lakeland North
Lea Hill
Federal Way
Auburn
Lakeland South
Tacoma
University Place
WRIA 10
Puyallup-White
Lakewood
WRIA 12
Chambers-Clover
Puyallup
Prairie Ridge
Parkland
South Hill
Fort Lewis
Spanaway
0 1 2 4 6 8 Miles
0 500 1,000 2,000 Feet
Latitude: 47.2408 Longitude: -122.4007
0 750 1,500 3,000 Feet
Latitude: 47.2590 Longitude: -122.3574

d. WRIA 12


N
Lakeland North
WRIA 9
Duwamish-Green
Federal Way
Auburn
Lakeland South
Tacoma
University Place
WRIA 10
Puyallup-White
Lakewood
Puyallup
WRIA 12
Chambers-Clover
Parkland
Fort Lewis
South Hill
Spanaway
Elk Plain
0 1 2 4 6 8
Miles
WRIA 12
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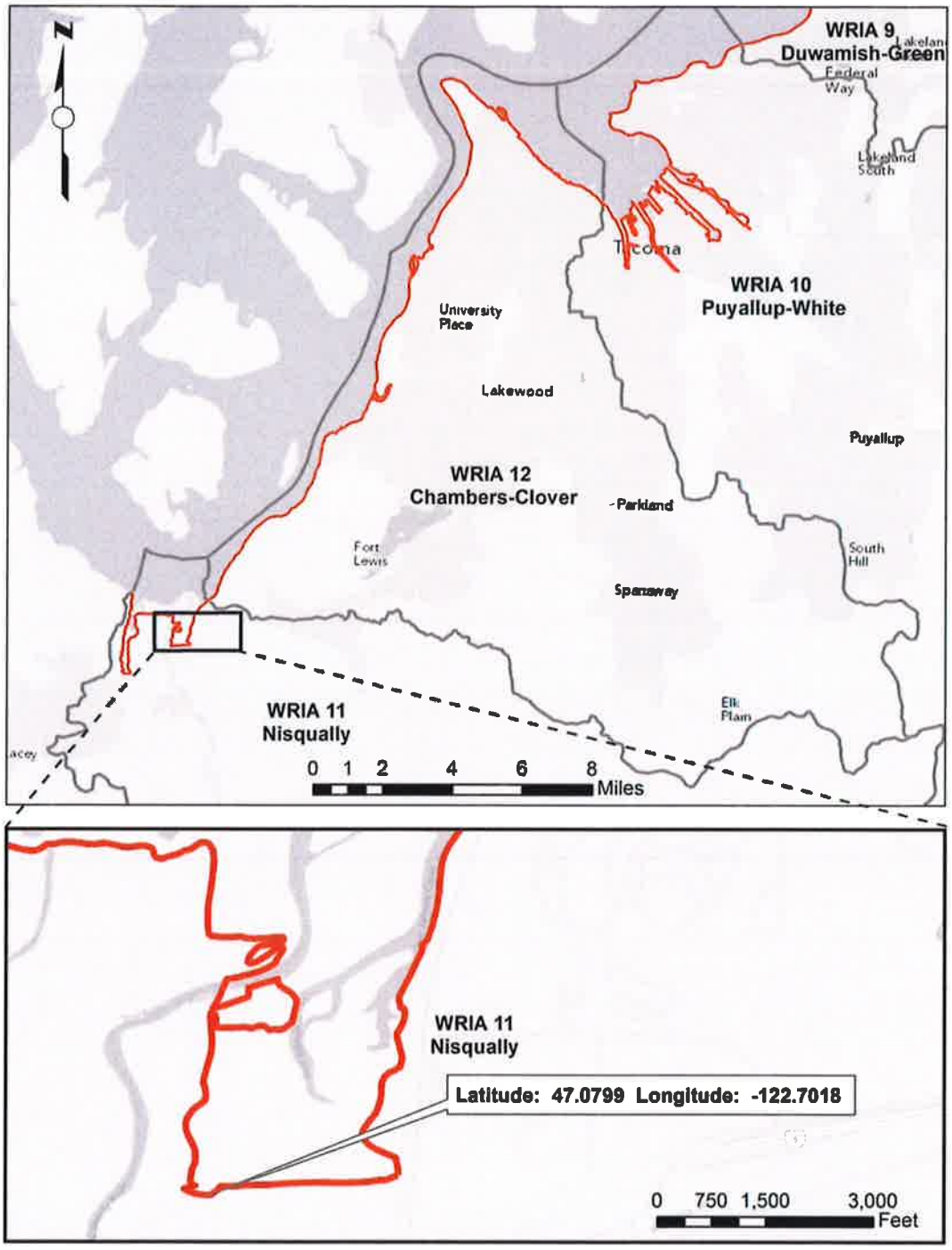
Latitude: 47.0992 Longitude: -122.6816
Puget Sound
0 250 500 1,000
Feet

e. WRIA 11


N
WRIA 9
Duwamish-Green
Federal Way
Lakeland South
Tacoma
WRIA 10
Puyallup-White
University Place
Lakewood
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Miles
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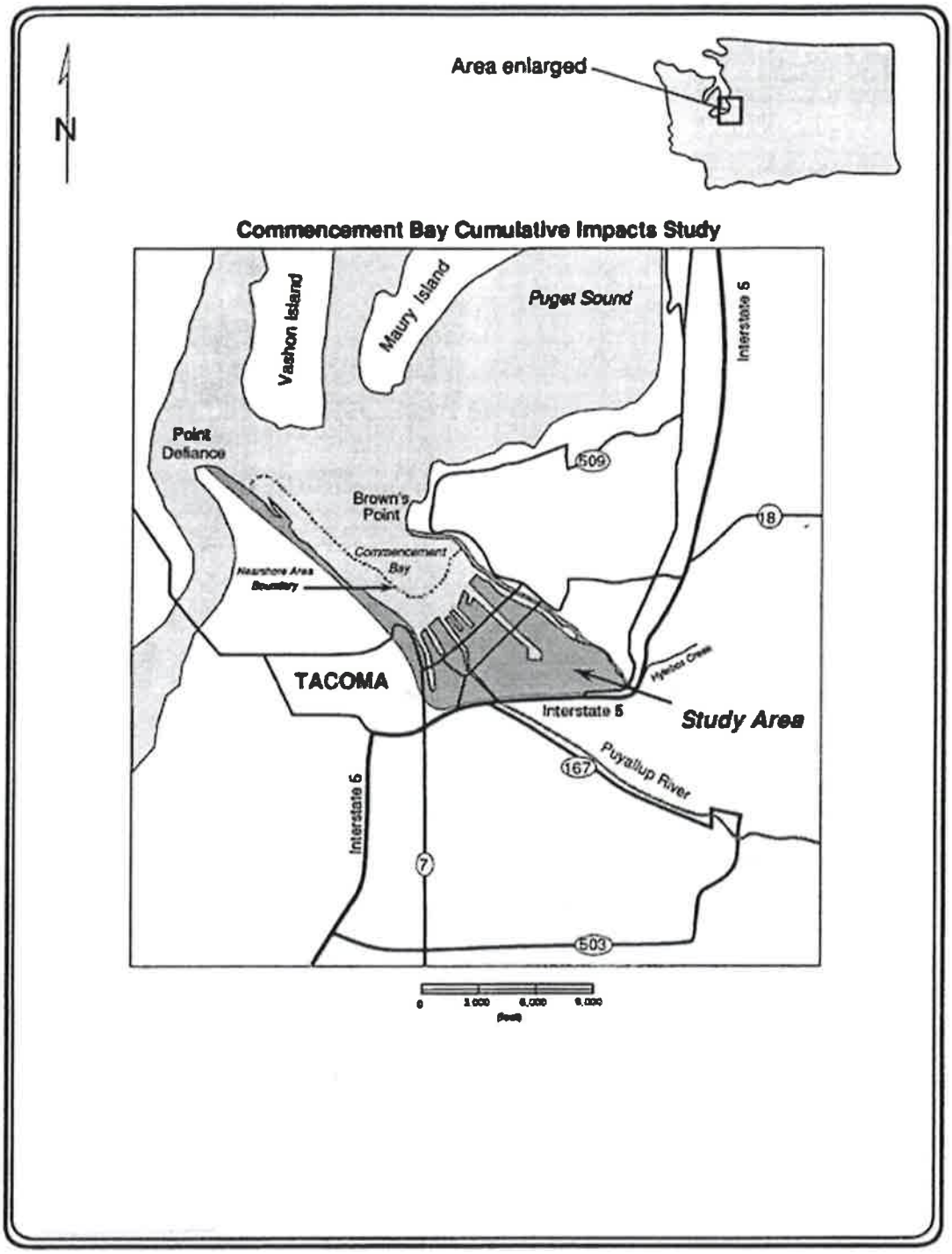
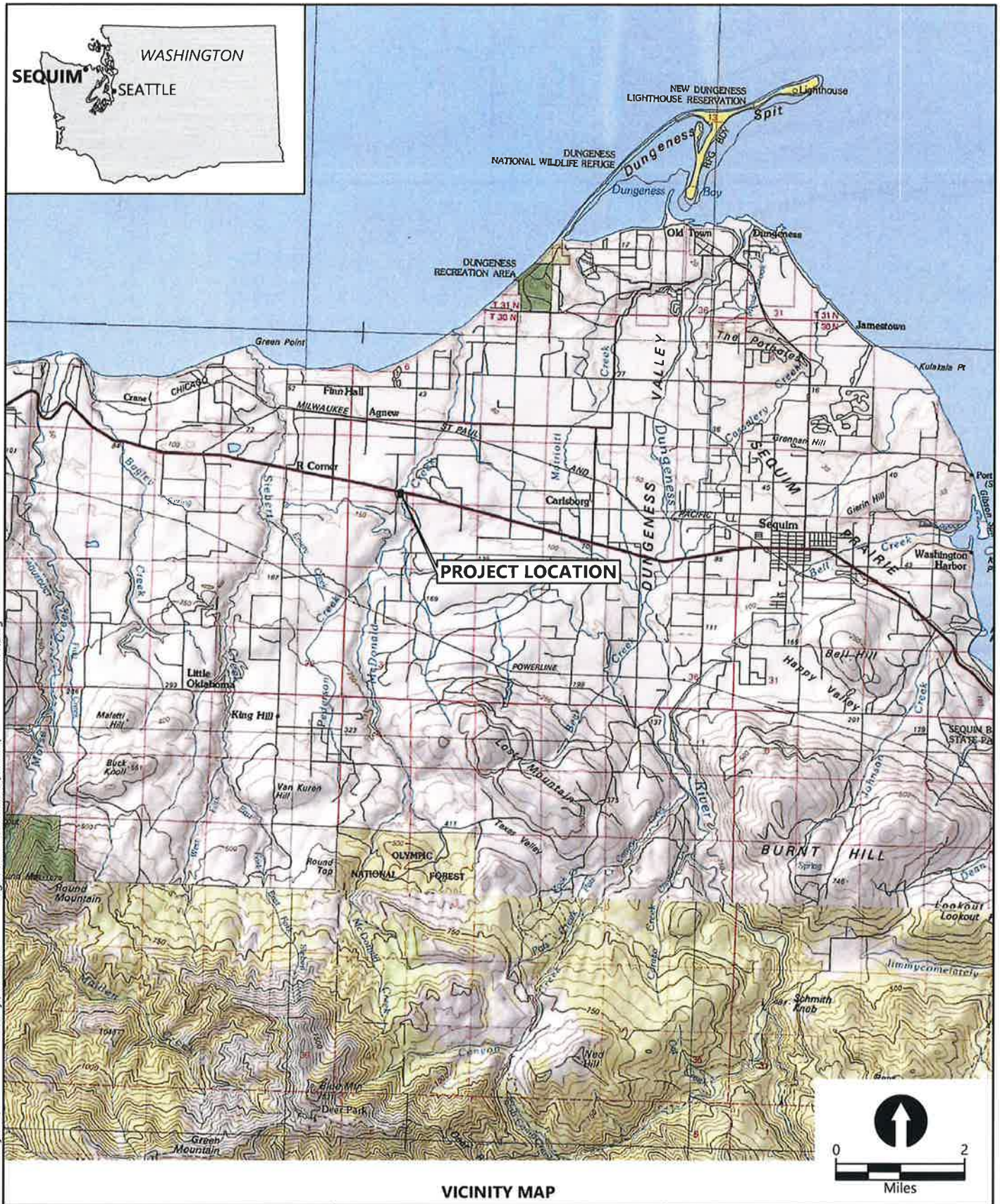
Feet

Figure 2. RGC 4 - Commencement Bay Study Area





VICINITY MAP

USACE REFERENCE #: NWS-2019-273

APPLICANT: CLALLAM COUNTY

ADJACENT PROPERTY OWNERS:
YVONNE DEFOREST, WASHINGTON DEPARTMENT OF TRANSPORTATION

LOCATION: MCDONALD CREEK IMMEDIATELY SOUTH OF HIGHWAY 101, CLALLAM COUNTY, WASHINGTON

LAT/LONG: 48.087692° N, -123.236389° W

DATE: AUGUST 2019

PROJECT DESCRIPTION:
IMPROVE FISH PASSAGE AT EXISTING IRRIGATION DIVERSION DAM BY NOTCHING DAM, CONVERTING OPEN IRRIGATION DITCH TO PIPED SYSTEM, REPLACING FISH LADDER, INSTALLING STEP WEIRS

IN: MCDONALD CREEK
NEAR/AT: PORT ANGELES
COUNTY: CLALLAM
STATE: WASHINGTON

Aug 15, 2019 10:23am tgriga K:\Projects\1439-Clallam County\McDonald Creek Irrigation Infrastructure\ARPA\1439-JA-VICINITY.dwg 1 VICINITY MAP

SITE MAP

USACE REFERENCE #: NWS-2019-273 **APPLICANT:** CLALLAM COUNTY **ADJACENT PROPERTY OWNERS:** YVONNE DEFOREST, WASHINGTON DEPARTMENT OF TRANSPORTATION	**LOCATION:** MCDONALD CREEK IMMEDIATELY SOUTH OF HIGHWAY 101, CLALLAM COUNTY, WASHINGTON **LAT/LONG:** 48.087692° N, -123.236389° W PAGE 2 OF 9 **DATE:** AUGUST 2019	**PROJECT DESCRIPTION:** IMPROVE FISH PASSAGE AT EXISTING IRRIGATION DIVERSION DAM BY NOTCHING DAM, CONVERTING OPEN IRRIGATION DITCH TO PIPED SYSTEM, REPLACING FISH LADDER, INSTALLING STEP WEIRS **IN:** MCDONALD CREEK **NEAR/AT:** PORT ANGELES **COUNTY:** CLALLAM **STATE:** WASHINGTON

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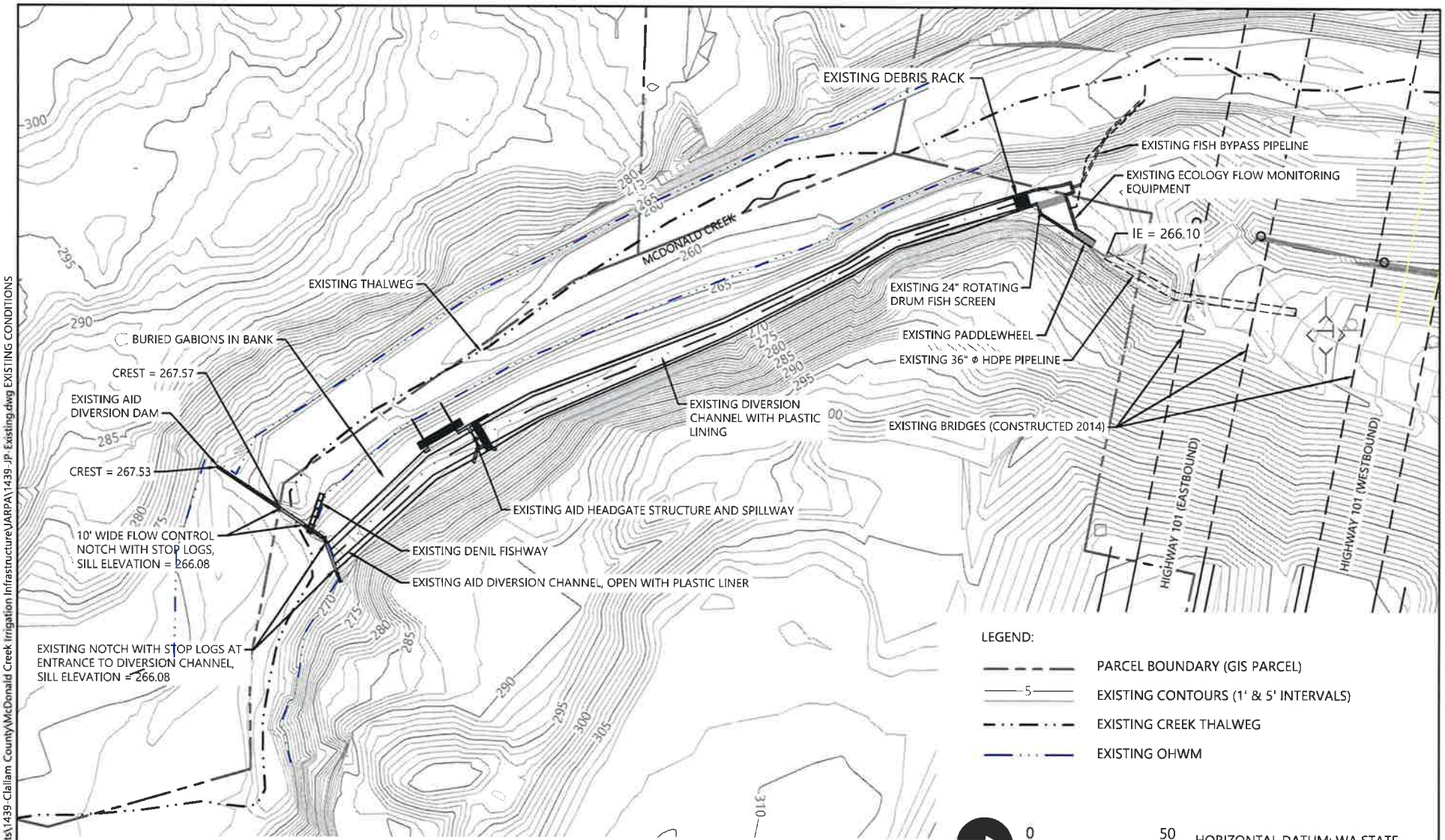

EXISTING CONDITIONS

USACE REFERENCE #: NWS-2019-273

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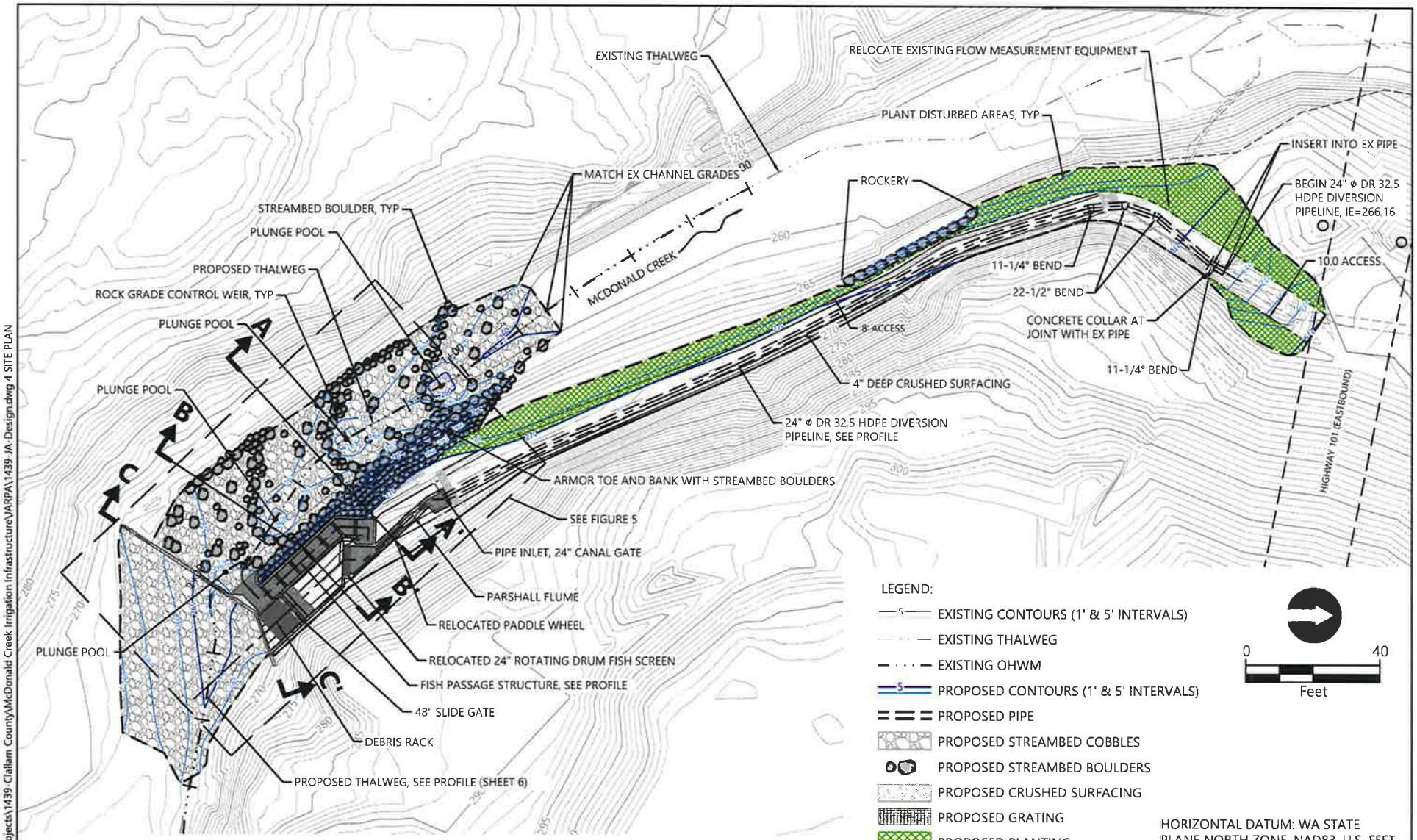

SITE PLAN

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Aug 15, 2019 10:24am tgriga

USACE REFERENCE #: NWS-2019-273

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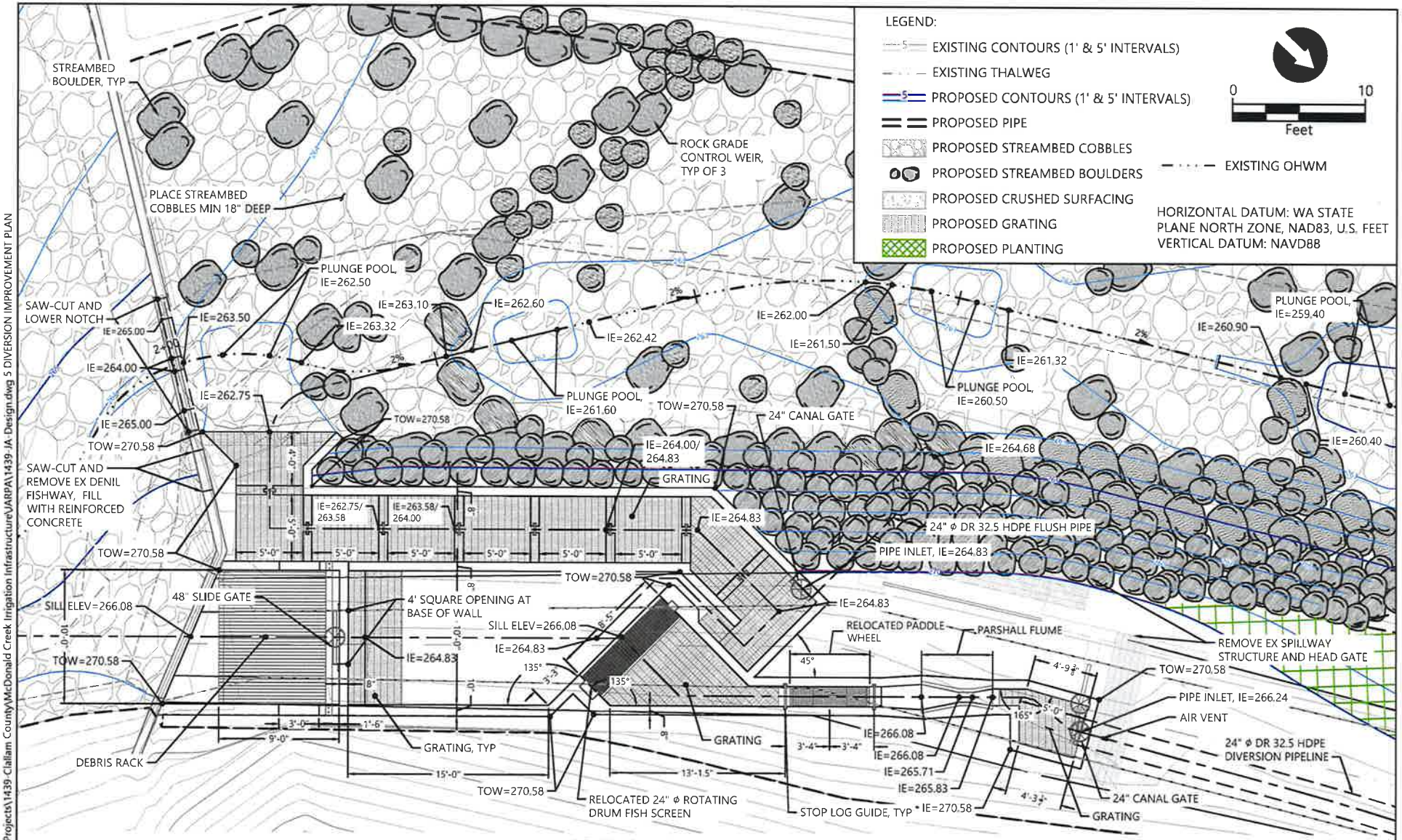

DIVERSION IMPROVEMENT PLAN

USACE REFERENCE #: NWS-2019-273

APPLICANT: CLALLAM COUNTY

ADJACENT PROPERTY OWNERS:
YVONNE DEFOREST, WASHINGTON
DEPARTMENT OF TRANSPORTATION

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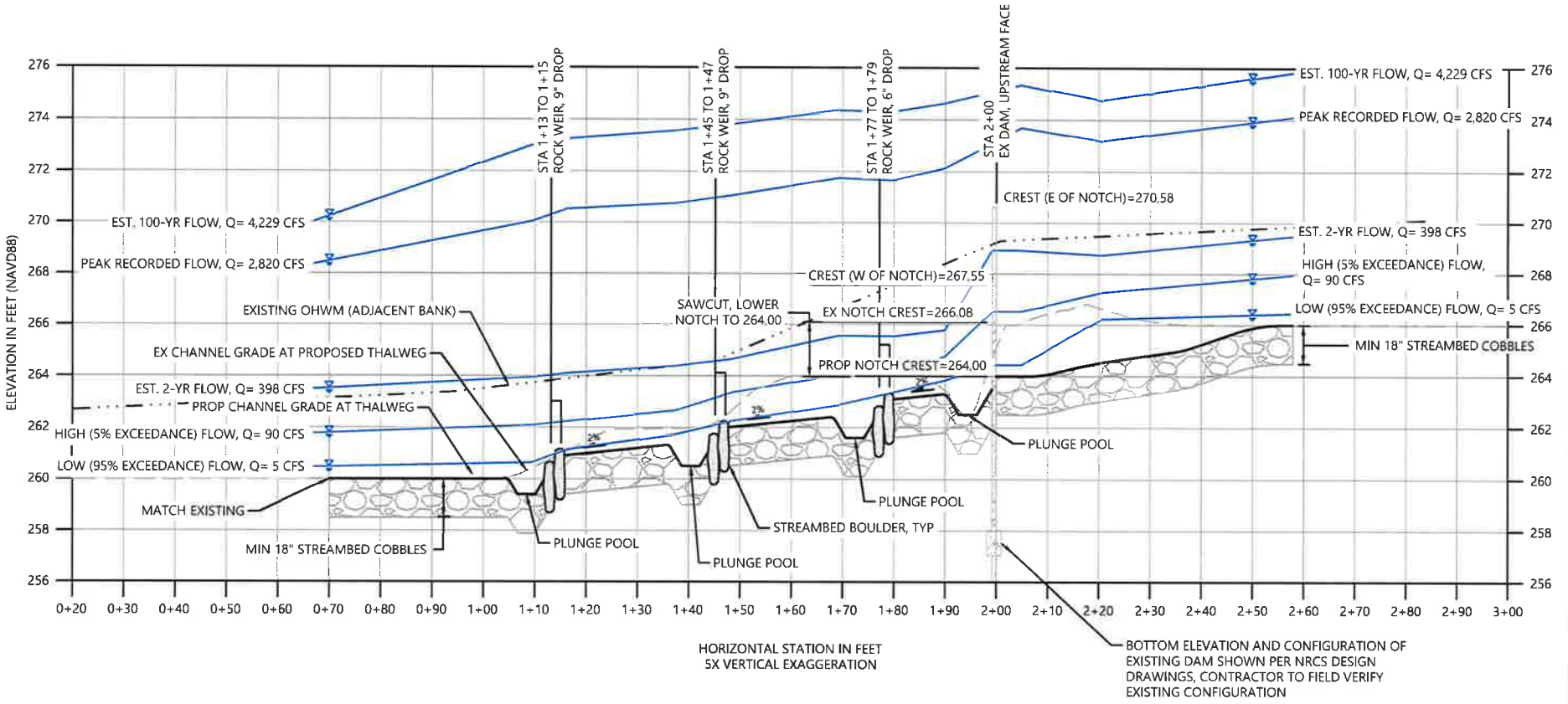

1 / - CHANNEL PROFILE AT PROPOSED THALWEG

HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 6'

NOTE: WATER SURFACE ELEVATIONS SHOWN ARE FOR NON-IRRIGATION CONDITIONS WITH FLOW THROUGH NOTCH IN DAM WITHOUT ANY STOP LOGS AND IRRIGATION HEAD CLOSED

MCDONALD CREEK PROFILE

USACE REFERENCE #: NWS-2019-273

APPLICANT: CLALLAM COUNTY

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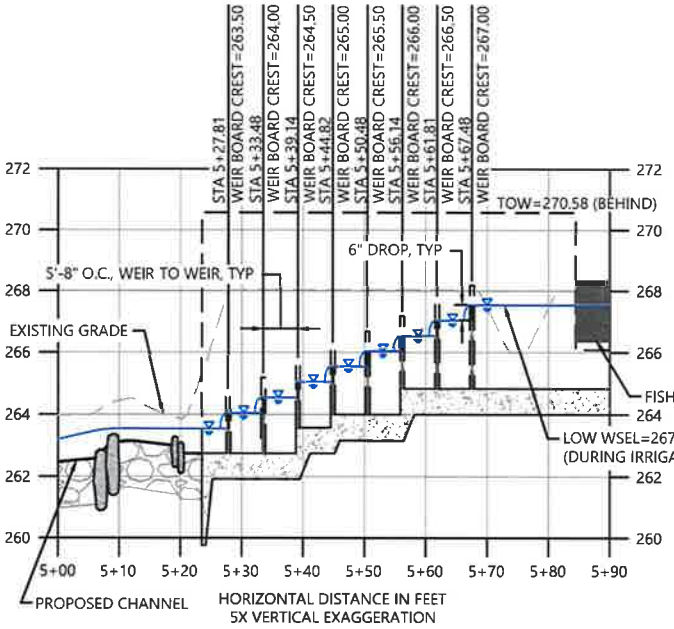
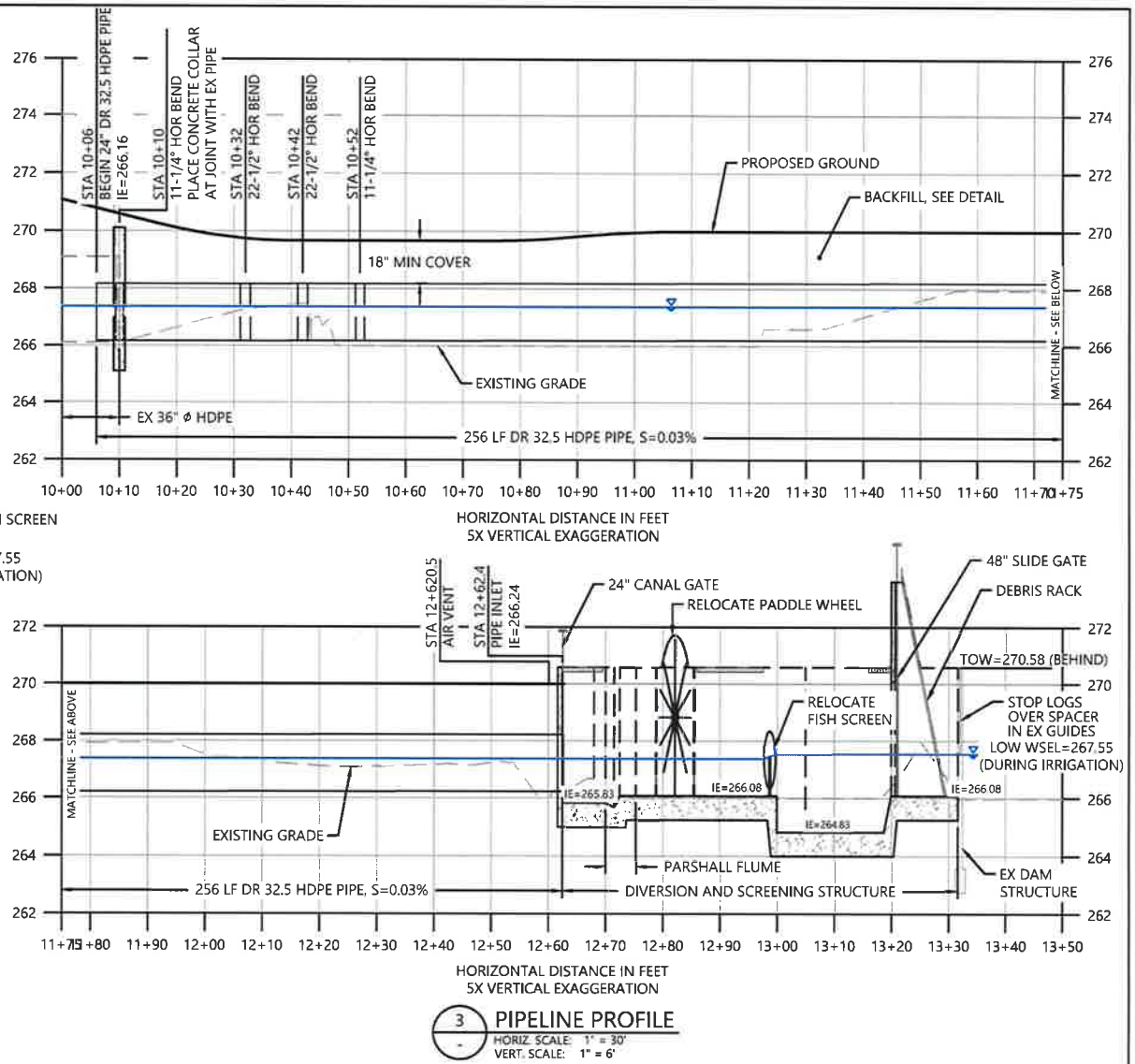


2 FISH PASSAGE STRUCTURE PROFILE
HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 6'



3 PIPELINE PROFILE
HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 6'

DIVERSION PIPELINE AND FISH PASSAGE PROFILES

USACE REFERENCE #: NWS-2019-273

APPLICANT: CLALLAM COUNTY

ADJACENT PROPERTY OWNERS:
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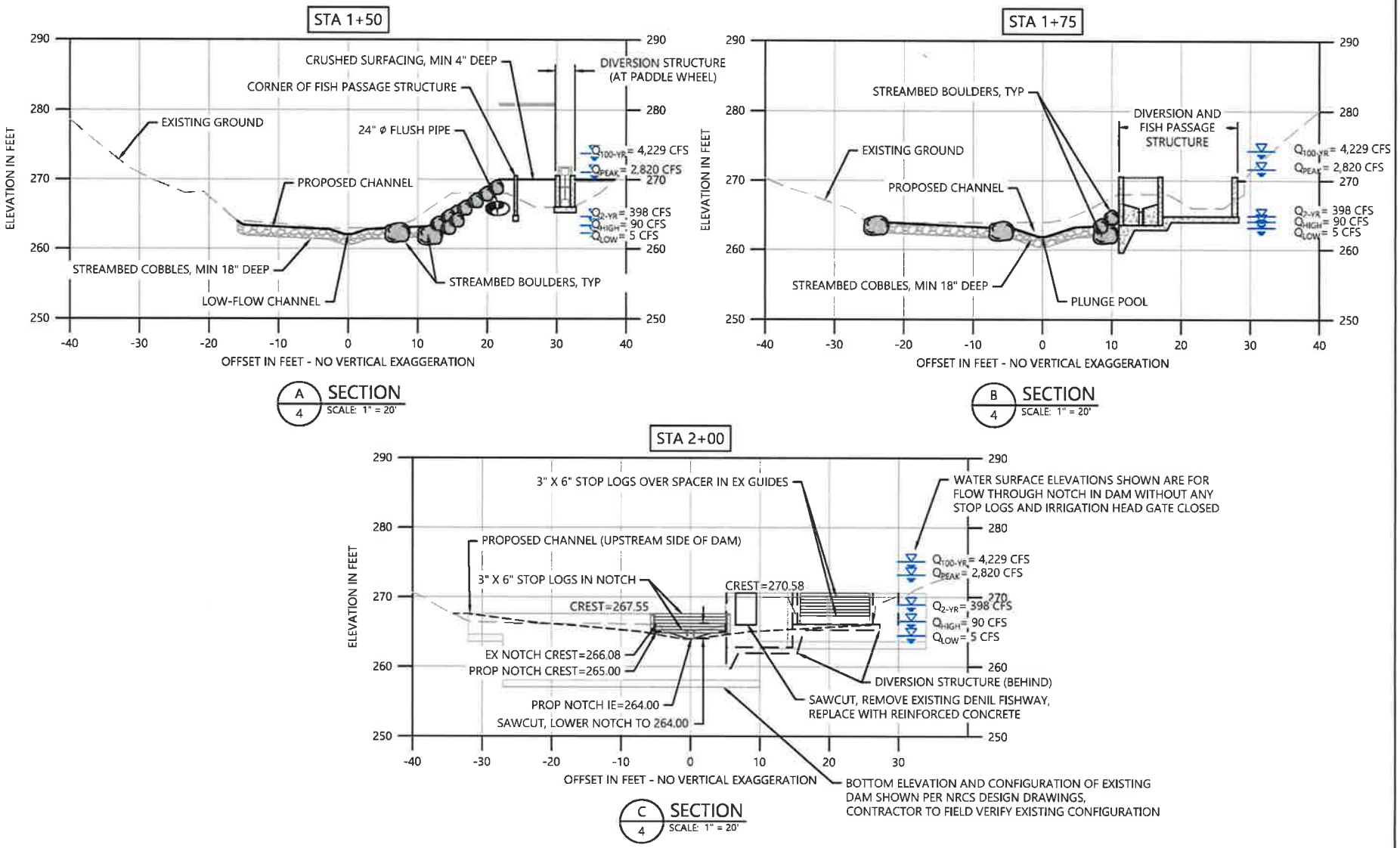

SECTIONS

USACE REFERENCE #: NWS-2019-273

APPLICANT: CLALLAM COUNTY

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DEPARTMENT OF TRANSPORTATION

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K:\Projects\1439 Clallam County\McDonald Creek Irrigation Infrastructure\JARPA\1439 JA Design.dwg SECTIONS
Aug 15, 2019 10:24am tgriga

PROPOSED SPECIES AND QUANTITIES				
SCEINTIFIC NAME	**COMMON NAME**	**PLANT TYPE**	**SIZE**	**QUANTITY**
Acer macrophyllum	BIG-LEAF MAPLE	TREE	1 GALLON	6
Thuja plicata	WESTERN RED CEDAR	TREE	1 GALLON	6
Oemleria cerasiformis	OSOBERRY	SHRUB	1 GALLON	20
Physocarpus capitatus	PACIFIC NINEBARK	SHRUB	1 GALLON	15
Rubus spectabilis	SALMONBERRY	SHRUB	1 GALLON	30
N/A	WSDOT GRASS SEED MIX	GRASS	N/A	2 POUNDS

N/A = NOT APPLICABLE

PLANTING NOTES

- APPROXIMATELY 2,100 SQUARE FEET IS PROPOSED FOR PLANTING WITH NATIVE TREE AND SHRUB SPECIES ALONG THE TOP OF THE RIGHT BANK AND ON THE UPPER SLOPE ABOVE THE ORDINARY HIGH WATER MARK (SEE JARPA SHEET 4 FOR PLANTING AREA).
- APPLY SEEDING TO ALL DISTURBED AREAS AND MULCH WITH STRAW WITHIN 48 HOURS OF COMPLETION OF SITE GRADING. PLANT POTTED STOCK DURING THE RAINY SEASON (BETWEEN OCTOBER 1 AND APRIL 15). MULCH INDIVIDUAL PLANTS WITH A 2 FOOT DIAMETER RING OF BARK MULCH, MINIMUM 3 INCHES THICK.
- THE UPPER SLOPE OF THE BANK INCLUDES AREAS WITH EXISTING BURIED GABIONS AND SOME RIPRAP AND IS QUITE STEEP IN SEVERAL LOCATIONS. PLANTING IN THESE AREAS SHOULD PRIMARILY INCLUDE SHRUB SPECIES BECAUSE TREES MAY NOT GROW.
- ANY SUBSTITUTIONS OF SPECIES MUST BE REQUESTED AND APPROVED BY THE CONTRACTING AGENCY.

PLANTING NOTES AND SCHEDULE

USACE REFERENCE #: NWS-2019-273

APPLICANT: CLALLAM COUNTY

ADJACENT PROPERTY OWNERS:
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Aug 15, 2019 10:24am tgriga K:\Projects\1439-Clallam County\McDonald Creek Irrigation Infrastructure\JARPA\1439-JA-Plant-Schedule.dwg PLANTING NOTES AND SCHEDULE

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SEATTLE DISTRICT
4735 EAST MARGINAL WAY SOUTH, BLDG 1202
SEATTLE, WA 98134-2388

Regulatory Branch November 8, 2022

Ms. Cathy Lear
Clallam County
Department of Community Development
223 East 4th Street
Port Angeles, Washington 98362

Reference: NWS-2019-273
Clallam County, Dept. of
Community Development
(McDonald Creek)

Dear Ms. Lear:

We have reviewed your application to improve fish passage at an existing irrigation diversion dam and replace the irrigation withdrawal infrastructure managed by the Agnew Irrigation District in McDonald Creek near Sequim, Clallam County, Washington. Based on the information you provided to us, Nationwide Permit (NWP) 3 *Maintenance* and NWP 27 *Aquatic Habitat Restoration, Establishment, and Enhancement Activities* (Federal Register December 27, 2021, Vol. 86, No. 245), authorizes your proposal as depicted on the enclosed drawings dated August 2019 provided you implement the mitigation plan dated August 2019.

In order for this authorization to be valid, you must ensure the work is performed in accordance with the enclosed *NWP 3 and NWP 27, Terms and Conditions* and the following special conditions:

a. You must implement and abide by the enclosed Maintenance and Monitoring riparian planting plan dated August 16, 2019. Plantings shall be installed following project construction. A report, as-built drawing and photographs demonstrating the trees/plants have been installed or a report on the status of project construction must be submitted to the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch, within 12 months from the date of permit issuance. You can meet this reporting requirement by completing and submitting the enclosed Report for Mitigation Work Completion form.

b. You must protect and preserve the riparian plantings and allow the vegetation to grow in a natural state for as long as the permitted project remains in place.

c. In order to meet the requirements of the Endangered Species Act (ESA) Programmatic Restoration Opinion for Joint Ecosystem Conservation by the Services (PROJECTS) (National Marine Fisheries Service (NMFS) Reference Number NWR-2013-10221, U.S. Fish and Wildlife Service (USFWS) Reference Number 01EOFW00-2014-F-0222), you must implement and abide by the ESA requirements and/or agreements set forth in the Biological Opinions (BOs) dated December 3, 2013 and May 15, 2015, respectively, and the PROJECTS Action Notification and Completion Forms submitted to NMFS on April 23, 2019. Failure to comply with these requirements constitutes non-compliance with the ESA and your Corps permit. The NMFS/USFWS is the appropriate authority to determine compliance with the terms and conditions of their BO and with the ESA. If you cannot comply with the terms and conditions of this programmatic consultation, you must, prior to commencing construction, contact the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch for an individual consultation in accordance with the requirements of the ESA and/or the Magnuson-Stevens Fishery Conservation and Management Act.

d. In order to protect the listed threatened and endangered species in the project area, you may conduct the authorized activities in the work window as agreed to and documented in writing through consultation by the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service (Services) in any year this permit is valid. If changes to the originally authorized work window are proposed, you must re-coordinate these changes with the Services and receive written concurrence on the changes. Copies of the concurrence(s) must be sent to the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch, within 10 days of the date of the revised concurrence.

The U.S. Fish and Wildlife Service completed National Historic Preservation Act, Section 7 Endangered Species Act (ESA) consultation and Magnuson Stevens Act, Essential Fish Habitat (EFH) consultation for the proposed activity [National Marine Fisheries Service consistency dated August 22, 2019, NWR-2013-10221]. For the purpose of this Department of the Army authorization, we have determined this project will comply with the requirements of these laws provided you comply with all of the permit conditions. We have determined the permit action is sufficiently addressed in their ESA and EFH consultation documents. By this letter we are advising you and the Services, in accordance with 50 CFR 402.07 and 50 CFR 600.920(b), that this agency has served as the lead Federal agency for the ESA and EFH consultation responsibilities for the activity described above.

Please note that National General Condition 21, *Discovery of Previously Unknown Remains and Artifacts*, found in the *Nationwide Permit Terms and Conditions* enclosure,

details procedures that must be followed should an inadvertent discovery occur. You must ensure that you comply with this condition during the construction of your project.

The authorized work complies with the Washington State Department of Ecology's (Ecology) Water Quality Certification (WQC) requirements and Coastal Zone Management (CZM) consistency determination decision for this NWP. No further coordination with Ecology for WQC and CZM is required.

You have not requested a jurisdictional determination for this proposed project. If you believe the U.S. Army Corps of Engineers does not have jurisdiction over all or portions of your project, you may request a preliminary or approved jurisdictional determination (JD). If one is requested, please be aware that we may require the submittal of additional information to complete the JD and work authorized in this letter may not occur until the JD has been completed.

Our verification of this NWP authorization is valid until March 14, 2026, unless the NWP is modified, reissued, or revoked prior to that date. If the authorized work for the NWP authorization has not been completed by that date and you have commenced or are under contract to commence this activity before March 14, 2026, you will have until March 14, 2027, to complete the activity under the enclosed terms and conditions of this NWP. Failure to comply with all terms and conditions of this NWP verification invalidates this authorization and could result in a violation of Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act. You must also obtain all local, State, and other Federal permits that apply to this project.

You are cautioned that any change in project location or plans will require that you submit a copy of the revised plans to this office and obtain our approval before you begin work. Deviating from the approved plans could result in the assessment of criminal or civil penalties.

Upon completing the authorized work, you must fill out and return the enclosed *Certificate of Compliance with Department of the Army Permit.* All compliance reports should be submitted to the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch electronically at nws.compliance@usace.army.mil. Thank you for your cooperation during the permitting process. We are interested in your experience with our Regulatory Program and encourage you to complete a customer service survey. Referenced documents and information about our program are available on our website

at www.nws.usace.army.mil, select "Regulatory Permit Information". A copy of this letter with enclosures will be furnished to Ms. Merri Martz at mmartz@anchorqea.com. If you have any questions, please contact me at pamela.sanguinetti@usace.army.mil or (206) 764-6904.

Sincerely,

Pamela Sanguinetti

Pamela Sanguinetti, Project Manager
Regulatory Branch

Enclosures

cc:
Ecology (ecyrefedpermits@ecy.wa.gov)
USFWS (wfwoctap@fws.gov)
NMFS (owco.wa.consultationrequest@noaa.gov)

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Memorandum

August 16, 2019

To: Pam Sanguinetti, U.S. Army Corps of Engineers

From: Merri Martz, Anchor QEA, LLC; Cathy Lear, Clallam County

cc: David Rice, Anchor QEA, LLC

Re: Revised Revegetation Maintenance and Monitoring Plan, NWS-2019-272

Maintenance and Monitoring Plan for:

Project Name: McDonald Creek Fish Passage and Infrastructure Improvement Project

Applicant's Name: Clallam County

Location: McDonald Creek River Mile 3.2, just upstream of Highway 101

Date Plan Was Prepared: July 11, 2019

Prepared by: Merri Martz, Anchor QEA, LLC; Cathy Lear, Clallam County

1. Project Description

The purpose of the McDonald Creek Fish Passage and Infrastructure Improvement Project (Project) is to: 1) improve fish passage for adult and juvenile salmonids at the McDonald Creek diversion dam to meet current state and federal standards; 2) upgrade the irrigation infrastructure to reduce maintenance problems; 3) maintain the Agnew Irrigation District's (AID's) ability to divert water for irrigation according to their water right; and 4) improve conditions for fish at the site. The Project includes the following elements:

1. Convert the existing open diversion canal to a buried gravity pipeline.
2. Install a new head gate and debris rack.
3. Remove Denil fishway and notch dam by 2 feet.
4. Relocate existing fish screen and create new fish ladder for both upstream and downstream passage.
5. Install rock step weirs in the creek downstream of the dam to allow fish passage over the dam.
6. Plant disturbed areas (2,100 square feet).

A detailed description of the Project is provided in the Biological Assessment (Anchor QEA 2019).

2. Existing Conditions of Aquatic Resources

The McDonald Creek diversion dam and head gate structure extends completely across the channel and floodplain for approximately 65 feet (Figure 1). The dam height is approximately 5 feet with an existing 18-inch-deep notch near the center of dam for removable wooden flash boards. The flash boards are removed outside of the irrigation season to allow some sediment transport and reduce

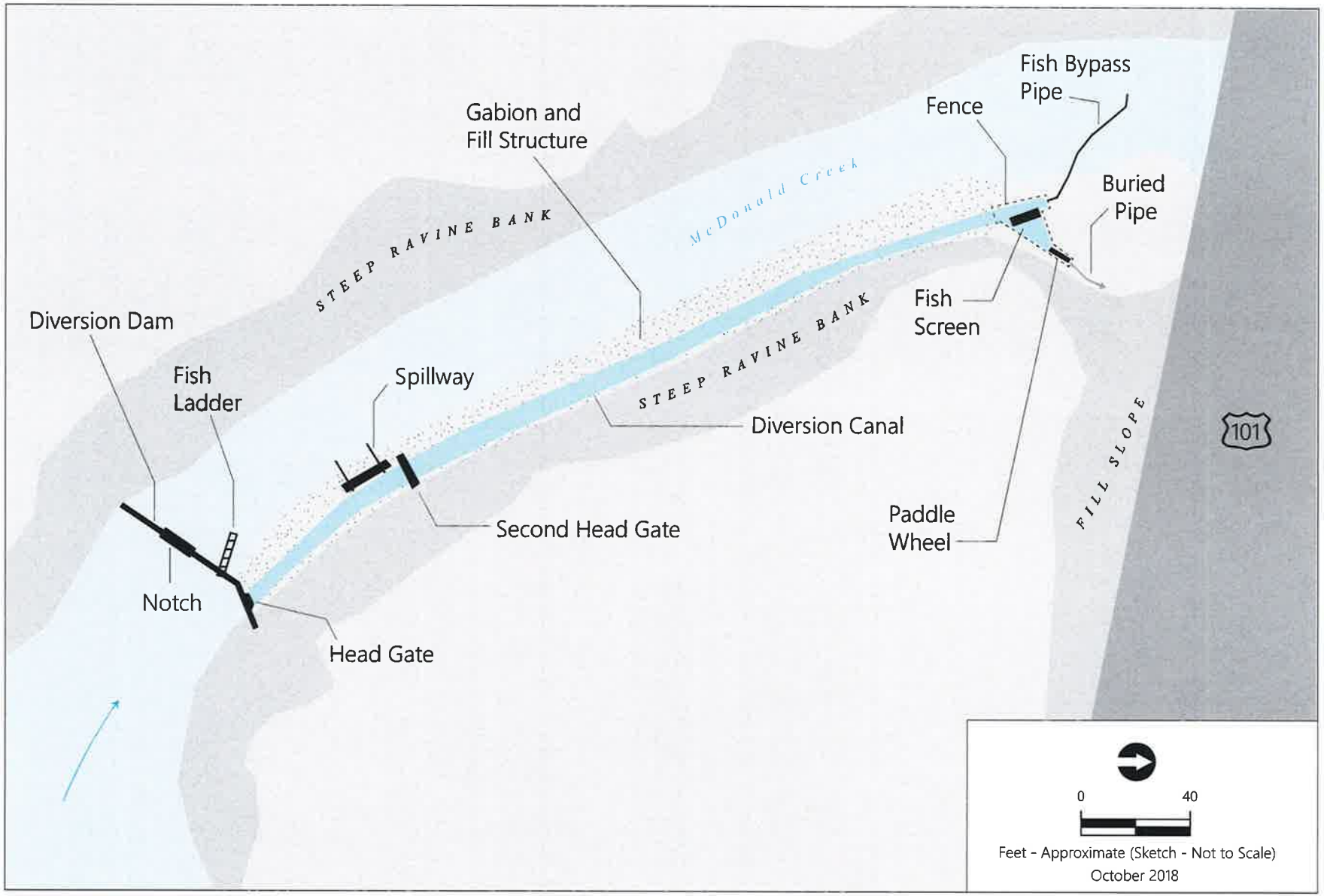
the drop at the dam to approximately 3 feet. It is likely that the dam can be passed by adult steelhead trout *(Oncorhynchus mykiss)* and coho salmon (*O. kisutch*) during normal winter or spring flows. A metal Denil fishway (steep pass fishway) is located on the right bank of the dam. A recent barrier assessment completed by Washington Department of Fish and Wildlife in 2018 identified that adult passage was approximately 33% or less and that high velocities likely completely prevent juvenile passage.

AID diverts water through a 10-foot-wide opening on the right side of the dam into an open diversion canal (Figure 2). Fish that enter the diversion canal can pass downstream to a rotating drum fish screen, which prevents fish from entering AID's water delivery system. Fish that encounter the rotating drum fish screen are swept past the screen to an 8-inch fish bypass pipe that conveys excess water and fish back to McDonald Creek.

From the dam downstream to the Highway 101 bridges, McDonald Creek is generally narrow and steep. The creek channel has been narrowed by the diversion canal on the right bank; the left bank is bounded by a steep ravine slope. Numerous boulders (mostly riprap) were installed as part of the dam construction and there is some instream wood in this reach. Cascades and a few pools are present. Canopy cover ranges from 40% to 75% with 30- to 40-year-old trees, including big-leaf maple (*Acer macrophyllum*), red alder (*Alnus rubra*), and western red cedar (*Thuja plicata*). The understory includes California black currant (*Ribes bracteosum*), sword fern (*Polystichum munitum*), and osoberry (*Oemleria cerasiformis*).

Several priority species and habitats are present in the Project vicinity (WDFW 2019a, 2019b). Species include coho salmon and pink (odd year) salmon (*O. gorbuscha*) and winter and summer steelhead trout. Habitats include a northern spotted owl (*Strix occidentalis caurina*) management buffer and wood duck (*Aix sponsa*) breeding area (downstream of Highway 101). Only one species listed under the Endangered Species Act has designated critical habitat in the Project area: Puget Sound steelhead trout. Other listed species may also be present in the Project area but have not been documented. Dolly Varden (*Salvelinus malma*) is not listed but is protected due to the difficulty of distinguishing between it and the Endangered Species Act -listed bull trout (*S. confluentus).*

McDonald Creek is listed by the Washington State Department of Ecology on the Clean Water Act Section 303(d) list of impaired waterbodies (Ecology 2019). In the Project area, the creek is listed for turbidity and dissolved oxygen (Category 2; waters of concern).



ANCHOR QEA

Figure 1
Existing Conditions
Revegetation Maintenance and Monitoring Plan
McDonald Creek Fish Passage and Infrastructure Improvements

Figure 2
Existing Diversion Canal and Accessway along Right Bank

3. Avoidance and Minimization of Aquatic Resource Impacts

Impacts to the creek and its buffer cannot be avoided because the Project's primary purpose is to provide fish passage at the dam (within the creek). To minimize effects, the work will be limited to an approximate 100-foot section of the creek. Existing boulders, cobble, and gravel will be reused in the construction of the boulder weirs, bank toe, and pools. There is no net fill in the creek channel, and the right bank will be pulled back approximately 5 feet over the 40-foot length of the new fish ladder to slightly widen the creek.

Vegetation currently growing in the rock and gabions of the right bank is minimal: eight young red alder approximately 6 inches diameter at breast height and one young western red cedar less than 6 inches diameter at breast height, with osoberry, red elderberry (*Sambucus racemosa)*, and ferns. Thus, the function of the vegetation is low; it does not provide significant shading, cover, wildlife habitat, detrital input, or recruitment of wood. The left bank vegetation and upper half of right bank (above the diversion canal) have larger trees and provide most of the creek canopy cover.

Approximately 5,900 square feet of existing bank would be regraded to accommodate the new pipeline and diversion facilities and establish the new bank line. It is estimated that five alder trees (less than 6-inch diameter) would be removed, as would approximately 12 shrubs growing through the existing rock and gabion bank. Approximately 2,100 square feet of the existing disturbed riparian

area has tree/shrub cover (growing in the gabion bank slope) and this area would be replanted with native trees and shrubs. The remaining 3,800 square feet that will be cleared is currently the diversion canal and grassed accessway; this area would be graded, and crushed rock would be placed for future access to the dam.

Measures to minimize impacts to the creek and buffer during construction include the following:

- All work would be performed according to the requirements and conditions of the Project permits.
- In-water work would occur during the approved regulatory work window, or an approved extension of the work window.
- Excess or waste materials would be hauled off site.
- Buffer areas previously planted by the Washington State Department of Transportation would be fenced or otherwise identified for protection during construction.
- Staging would be located near or under the Highway 101 bridges where there is limited vegetation.

4. Planting Plan

Approximately 2,100 square feet is proposed for planting with native tree and shrub species along the top of the right bank and on the upper slope above the ordinary high water mark. The upper slope of the bank includes areas with existing buried gabions and some riprap and is quite steep in several locations. Planting in these areas would primarily include shrub species because trees may not grow. Table 1 provides the proposed species and quantities.

Table 1
Proposed Species and Quantities

Scientific Name	Common Name	Plant Type	Size	Quantity
Acer macrophyllum	Big-leaf maple	Tree	1 gallon	6
Thuja plicata	Western red cedar	Tree	1 gallon	6
Oemleria cerasiformis	Osoberry	Shrub	1 gallon	20
Physocarpus capitatus	Pacific ninebark	Shrub	1 gallon	15
Rubus spectabilis	Salmonberry	Shrub	1 gallon	30
N/A	Washington State Department of Transportation grass seed mix	Grass	N/A	2 pounds

Notes:
N/A: not applicable

5. Maintenance Plan

Maintenance would be performed regularly to address conditions that could jeopardize the success of the plantings. During regular monitoring visits, any necessary maintenance actions would be identified and reported to Clallam County.

Maintenance and remedial action on site would be implemented immediately upon completion of the monitoring event (unless otherwise specifically indicated below). Typical maintenance activities would include, but are not limited to, the following:

- During Years 1 and 2, replace all dead plant material to achieve 100% survival.
- Replace dead plants with the same species or a substitute native species that would have the same or better survival.
- Replant the area after the reason for failure has been identified and corrected (e.g., moisture regime, poor plant stock, disease, shade/sun conditions, erosion, wildlife damage).
- Remove and control weedy or exotic invasive plants (e.g., Scot's broom [*Cytisus scoparius*], reed canarygrass [*Phalaris arundinacea*], Himalayan blackberry [*Rubus armeniacus*], bindweed). Use of herbicides would only be implemented if other measures failed or were considered unlikely to be successful.
- Maintain mulch rings on trees and shrubs until they become established.
- Remove trash and other debris.

6. Performance Standards

This section describes the goals, objectives, and performance standards for the proposed plantings.

Goal 1: Establish Native Plant Communities

Objective 1-1: Plant communities will be restored by installing native trees, shrubs, and emergent species.

- **Performance Standard 1:** Native woody vegetation species cover shall be at least 25% by Year 3, and at least 50% by Year 5.
- **Performance Standard 2:** Invasive, non-native plant species shall be maintained at levels below 5% total cover in all monitoring years. Invasive knotweed species (*Fallopia sachalinensis*, F. x*bohemic*a, F. *japonica*), Scot's broom, and English ivy (*Hedera helix*) shall have zero coverage and must be immediately removed or treated when observed.

7. Monitoring Requirements

To ensure success of the mitigation, a 5-year monitoring and reporting program would be implemented. Monitoring would include all restored buffer areas. Monitoring would occur in Years 1, 2, 3, and 5. Any changes to the approved planting design that are required by field conditions

encountered during construction must be documented on the as-built plans. Based on as-built plans or record drawings, monitoring would take place during the growing season (preferably late summer or early fall) prior to leaf drop, in accordance with the monitoring reporting years. A report for those years of monitoring would be submitted to the U.S. Army Corps of Engineers and others, if required. This report would be submitted by November 30 of the applicable year.

Monitoring activities would focus on the collection of vegetation cover and survival data to quantify to the extent possible compliance with the performance standards. Monitoring would also include photographic documentation.

If monitoring goals are not achieved, problems would be evaluated by a qualified biologist, Clallam County, and U.S. Army Corps of Engineers. Specific contingency actions would be developed as needed, agreed to by consensus, and implemented based on scientifically and economically feasible recommendations.

Contingencies may include additional plantings or changing species selections to correct excessive mortality.

8. Long-Term Management Plan

The site is owned by Clallam County and will be managed to meet the planting goals in perpetuity.

9. References

Anchor QEA, LLC, 2018. *Biological Assessment for the McDonald Creek Fish Passage and Infrastructure Improvement Project.* Prepared for Clallam County and U.S. Fish and Wildlife Service, December 2018.

Ecology (Washington State Department of Ecology), 2019. Accessed: June 19, 2019. Water Quality Atlas. Available at: https://fortress.wa.gov/ecy/waterqualityatlas/.

WDFW (Washington Department of Fish and Wildlife), 2018a. SalmonScape. Accessed August 21, 2018. Available at: http://wdfw.wa.gov/mapping/salmonscape/.

WDFW, 2018b. Priority Habitats and Species Map. Accessed: August 21, 2018. Available at: http://apps.wdfw.wa.gov/phsontheweb/

Report for Mitigation Work Completion

Immediately upon completion of the plantings, submit this form by email or mail to:
NWS.Compliance@usace.army.mil OR U.S. Army Corps of Engineers, Regulatory Branch,
4735 East Marginal Way South, Bldg 1202, Seattle, WA 98134-2388

Corps' Reference Number: _____

Date the Corps Issued Your Permit: _____

Date this Report is Due: _____

Your Name: _____

Your Address: _____

Your City/State/Zip Code: _____

Your Phone Number and Email: _____

You must attach to this form: 1) As-built drawing of planting area(s), and

2) Photographs of the planting area(s)

Date mitigation was completed: _____

Describe any changes from the approved mitigation plan:

Name of Species You Planted	Number Planted
Total Planted:	

If there are multiple sites, fill out a separate table for each planting area.

HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: December 29, 2022
Project End Date: September 13, 2024

Permit Number: 2019-6-400+03
FPA/Public Notice Number: N/A
Application ID: 17671

PERMITTEE	AUTHORIZED AGENT OR CONTRACTOR
Clallam County Department of Community Development	Anchor QEA, LLC
ATTENTION: Cathy Lear	ATTENTION: Merri Martz
223 East 4th Street	720 Olive Way
Port Angeles, WA 98362	Seattle, WA 98101-1847

Project Name: McDonald Creek Fish Passage and Infrastructure Improvement Project

Project Description: Clallam County with Agnew Irrigation District (AID) are proposing to implement a project that will improve fish passage and irrigation infrastructure in McDonald Creek at AID's existing irrigation diversion dam and diversion canal.

The project purpose is to improve fish passage for adult and juvenile salmonids to meet current state and federal standards, upgrade the irrigation infrastructure to reduce maintenance problems, maintain AID's ability to divert water for irrigation according to their water right, and improve conditions for fish. The project seeks remove sources of unnatural mortality to fish from the existing irrigation diversion, fish ladder, fish bypass, and screening facility and improve the irrigation diversion infrastructure in a way that will protect and improve AID's water supply and the ability of fish to safely pass through the facilities both upstream and downstream.

PROVISIONS

TIMING - PLANS - INVASIVE SPECIES CONTROL

1. TIMING LIMITATION: Work below the ordinary high water line must only occur between August 1 and September 30 of a given year.

2. APPROVED PLANS: You must accomplish the work per plans and specifications submitted with the application and approved by the Washington Department of Fish and Wildlife entitled: "McDonald Creek - Final Drawings - REV 2021-06-28 - 11X17.pdf", dated June 28, 2021, and in Major Modification revisions entitled: "McDonald Creek - Proposed Design Revisions - 2022-11-21_CLEAN.docx","1439-PL-Design-C2.pdf", and "1439-PL-Details-C8.pdf" accepted on December 15, 2022 except as modified by this Hydraulic Project Approval. You must have a copy of these plans available on site during all phases of the project construction.

3. INVASIVE SPECIES CONTROL: Follow Level 1 Decontamination protocol for low risk locations. Thoroughly remove visible dirt and organic debris from all equipment and gear (including drive mechanisms, wheels, tires, tracks, buckets and undercarriage) before arriving and leaving the job site to prevent the transport and introduction of invasive species. Properly dispose of any water and chemicals used to clean gear and equipment. For contaminated or high risk sites please refer to the Level 2 Decontamination protocol. You can find this and additional information in the Washington Department of Fish and Wildlife's "Invasive Species Management Protocols", available online at https://wdfw.wa.gov/species-habitats/invasive/prevention.

NOTIFICATION REQUIREMENTS

4. PRE-CONSTRUCTION CONTRACTOR MEETING: You, your agent, or contractor must contact the Washington Department of Fish and Wildlife by e-mail at HPAapplications@dfw.wa.gov; mail to Post Office Box 43234, Olympia,

Washington 98504-3234; or fax to (360) 902-2946 at least fourteen business days before starting work to arrange a pre-construction contractor meeting onsite. The notification must include the permittee's name, project location, starting date, and the Hydraulic Project Approval permit number.

5. PRE- AND POST-CONSTRUCTION NOTIFICATION: You, your agent, or contractor must contact the Washington Department of Fish and Wildlife by e-mail at HPAapplications@dfw.wa.gov; mail to Post Office Box 43234, Olympia, Washington 98504-3234; or fax to (360) 902-2946 at least fourteen business days before starting work, and again within seven days after completing the work. The notification must include the permittee's name, project location, starting date for work or date the work was completed, and the permit number. The Washington Department of Fish and Wildlife may conduct inspections during and after construction; however, the Washington Department of Fish and Wildlife will notify you or your agent before conducting the inspection.

6. FISH KILL/ WATER QUALITY PROBLEM NOTIFICATION: If a fish kill occurs or fish are observed in distress at the job site, immediately stop all activities causing harm. Immediately notify the Washington Department of Fish and Wildlife of the problem. If the likely cause of the fish kill or fish distress is related to water quality, also notify the Washington Military Department Emergency Management Division at 1-800-258-5990. Activities related to the fish kill or fish distress must not resume until the Washington Department of Fish and Wildlife gives approval. The Washington Department of Fish and Wildlife may require additional measures to mitigate impacts.

STAGING, JOB SITE ACCESS, AND EQUIPMENT

7. Use existing roadways or travel paths to the maximum extent possible.

8. Retain all natural habitat features on the bed or banks including large woody material and boulders. You may move these natural habitat features during construction but you must place them near the preproject location before leaving the job site.

CONSTRUCTION-RELATED SEDIMENT, EROSION AND POLLUTION CONTAINMENT

9. Protect all disturbed areas from erosion. Maintain erosion and sediment control until all work and cleanup of the job site is complete.

10. Straw used for erosion and sediment control, must be certified free of noxious weeds and their seeds.

11. Stop all hydraulic project activities except those needed to control erosion and siltation, if flow conditions arise that will result in erosion or siltation of waters of the state.

12. Prevent project contaminants, such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials, from entering or leaching into waters of the state.

13. Use tarps or other methods to prevent treated wood, sawdust, trimmings, drill shavings and other debris from contacting the bed or waters of the state.

14. Deposit waste material from the project, such as construction debris, silt, excess dirt, or overburden, in an upland area above the limits of anticipated floodwater unless the material is approved by the Washington Department of Fish and Wildlife for reuse in the project.

CONSTRUCTION MATERIALS

15. Store all construction and deconstruction material in a location and manner that will prevent contaminants such as petroleum products, hydraulic fluid, fresh cement, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials from entering waters of the state.

16. To prevent leaching, construct forms to contain any wet concrete. Place impervious material over wet concrete that will come in contact with waters of the state. Forms and impervious materials must remain in place until the concrete is cured.

17. Do not use wood treated with oil-type preservatives (creosote, pentachlorophenol) in any hydraulic project. You may use wood treated with waterborne preservatives (ACZA, ACQ) provided the wood is approved by the Western Wood Preservers Institute for use in the aquatic environment. Any use of treated wood in the aquatic environment must

follow guidelines and best management practices available at www.wwpinstitute.org.

18. To reduce potential contact injuries, grind smooth to the touch all edges and surfaces exposed to fish, with all edges aligning in a single smooth plane.

IN-WATER WORK AREA ISOLATION USING A TEMPORARY BYPASS

19. Install the temporary bypass before starting other construction work in the wetted perimeter.

20. Isolate fish from the work area by using either a total or partial bypass to reroute the stream through the existing diversion canal, or through a temporary channel or pipe.

21. Provide fish passage during times of the year when fish are expected to migrate.

22. Use the least-impacting feasible method to temporarily bypass water from the work area. Consider the physical characteristics of the site and the anticipated volume of water flowing through the work area.

23. Design the temporary bypass to minimize the length of the dewatered stream channel.

24. During all phases of bypass installation and decommissioning, maintain flows downstream of the project site to ensure survival of all downstream fish.

25. Install a cofferdam or similar device at the upstream and downstream end of the bypass to prevent backwater from entering the work area.

26. If the diversion inlet is a gravity diversion that provides fish passage, place the diversion outlet where it facilitates gradual and safe reentry of fish into the stream channel.

27. The hydraulic capacity of the stream bypass must be equal to or greater than the any flow event expected when the bypass will be operated.

FISH LIFE REMOVAL

28. Place block nets upstream and downstream of the in-water work area before capturing and removing fish life.

29. Install block nets at sites with reduced flow volume or velocity, uniform depth, and good accessibility.

30. All persons participating in capture and removal must have training, knowledge, and skills in the safe handling of fish life.

31. All persons removing fish life from a job site must follow the protocol entitled "17671 RE_ McDonald Creek Shocking.pdf " and "17671 protocol RE_ McDonald Creek Shocking.pdf" uploaded on 07/05/2019.

32. If electrofishing is conducted, a person with electrofishing training must be on-site to conduct or direct all electrofishing activities.

33. If personnel are available, the Washington Department of Fish and Wildlife and affected tribes may help capture and move fish life from the job site.

34. Capture and safely move fish life from the work area to above the upstream block net.

DIVERSION/INTAKES

35. A diversion structure must not hinder upstream and downstream adult and juvenile fish passage. If passage problems develop, the Washington Department of Fish and Wildlife may require you to modify the structure.

36. Equip and maintain any device used for diverting water from a fish-bearing watercourse with a fish screen approved by the Washington Department of Fish and Wildlife to prevent passage or impingement of fish. Maintain the fish screen and associated structures as necessary to achieve the approach velocity, a functional bypass, and fish protection criteria.

FISH PASSAGE IMPROVEMENT

37. Ensure that there is sufficient flow within the bypass mechanism to safely return fish life from the fish screen to

state waters.

38. If at any point during water diversion there is insufficient instream flow to provide opportunity for fish life to migrate downstream, close the fish bypass until there is sufficient flow.

39. Shutdown of the fish ladder during high flows if the flow exceeds the fish passage design flow. The fish ladder must not be inoperable due to high flows for longer than seven days during the migration period for the target fish species. This provision applies to locations where the shutdown will not cause flooding or damage to structures, other structures of value or property.

40. Clean and maintain the fish bypass mechanism prior to diverting water to ensure it is operational and will prevent injury or stranding of fish life.

41. A person operating or maintaining the fish ladder must take corrective actions or notify the Washington Department of Fish and Wildlife if maintenance issues arise.

CHANNEL MODIFICATION

42. During construction, isolate the section of the channel being modified from the flowing watercourse.

43. The new channel modifications must incorporate habitat components, bed materials, channel morphology, and native or other approved vegetation to provide equal or better habitat compared to that which previously existed in the old channel.

44. Size streambed material to mimic the gradation found in nearby reference channel reaches. The material must be well-graded (includes all size classes), non-porous, with 5-10% fines with sieve size U.S. No. 200 to prevent subsurface flow. Create a low-flow channel and a high-flow bench on both sides of the channel. Angular rock is not permitted within the channel.

45. Before water is diverted into the modified section of the channel, install approved habitat components and bed and bank protection materials to prevent erosion as shown in the approved plan.

46. To minimize sediment delivery to the stream or stream channel, do not return in-stream flows to the work area until all in-channel work is completed and the bed and banks are stabilized.

47. Diverting the flow into the modified section of the channel:
a. First remove the downstream plug.
b. Face the stream side of the plug with a sandbag or similar device.
c. Partially remove the upstream plug to allow 1/3 to 1/2 of the flow into the channel for a minimum of 10 hours.Continue to provide fish bypass during the rewatering.
d. Remove the remainder of the upstream plug if the new channel has flow throughout the entire length.

SITE RESTORATION AND VEGETATION PROTECTION

48. To prevent fish from stranding, backfill trenches, depressions, and holes in the bed that may entrain fish during high water or wave action.

49. Seed areas disturbed by construction activities with a native seed mix suitable for the site that has at least one quick-establishing plant species.

50. Upon completion of the project, restore the disturbed bed, banks, and riparian zone to preproject condition to the extent possible.

51. Replace native riparian zone and aquatic vegetation, and wetland vascular plants (except noxious weeds) damaged or destroyed by construction using a proven methodology.

52. Replant the job site with the plant species composition and planting densities approved by the Washington Department of Fish and Wildlife.

53. Complete replanting of riparian vegetation during the first dormant season (late fall through late winter) after project completion per the approved plan. Maintain plantings for at least three years to ensure at least eighty percent of the plantings survive. Failure to achieve the eighty percent survival in year three will require you to submit a plan with

follow-up measures to achieve requirements or reasons to modify requirements.

DEMOBILIZATION AND CLEANUP

54. Upon completion of the project, remove all materials, or equipment from the site and dispose of all excess spoils and waste materials in an upland area above the limits of anticipated floodwater.

55. Remove temporary erosion and sediment control methods after job site is stabilized or within three months of project completion, whichever is sooner.

LOCATION #1:	Site Name: McDonald Creek Agnew Irrigation Diversion , , WA					
WORK START:	December 29, 2022			WORK END:	September 13, 2024	
WRIA		Waterbody:			Tributary to:	
18 - Elwha - Dungeness		Mcdonald Creek			Strait Of Juan De Fuca	
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
SE 1/4	18	30 N	04 W	48.087692	-123.236389	Clallam
Location #1 Driving Directions						
Take Highway 101 west from Sequim approximately 6 miles. Access is through locked gate on east side of creek, just past Sequim-Port Angeles Storage Solutions business.						

APPLY TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW. Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this Hydraulic Project Approval is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state and/or federal) that may be necessary for this project.

This Hydraulic Project Approval shall be available on the job site at all times and all its provisions followed by the person (s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work.

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this Hydraulic Project Approval.

Failure to comply with the provisions of this Hydraulic Project Approval could result in civil action against you, including, but not limited to, a stop work order or notice to comply, and/or a gross misdemeanor criminal charge, possibly punishable by fine and/or imprisonment.

All Hydraulic Project Approvals issued under RCW 77.55.021 are subject to additional restrictions, conditions, or revocation if the Department of Fish and Wildlife determines that changed conditions require such action. The person(s) to whom this Hydraulic Project Approval is issued has the right to appeal those decisions. Procedures for filing appeals are listed below.

MINOR MODIFICATIONS TO THIS HPA: You may request approval of minor modifications to the required work timing or to the plans and specifications approved in this HPA unless this is a General HPA. If this is a General HPA you must use the Major Modification process described below. Any approved minor modification will require issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics or construction of your project that does not alter the project's impact to fish life or habitat and does not require a change in the provisions of the HPA to mitigate the impacts of the modification. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at http://wdfw.wa.gov/licensing/hpa/. If you did not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234, or by email to HPAapplications@dfw.wa.gov. You should allow up to 45 days for the department to process your request.

MAJOR MODIFICATIONS TO THIS HPA: You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require issuance of a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at http://wdfw.wa.gov/licensing/hpa/. If you did not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send your written request by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You may email your request for a major modification to HPAapplications@dfw.wa.gov. You should allow up to 45 days for the department to process your request.

APPEALS INFORMATION

If you wish to appeal the issuance, denial, conditioning, or modification of a Hydraulic Project Approval (HPA), Washington Department of Fish and Wildlife (WDFW) recommends that you first contact the department employee who issued or denied the HPA to discuss your concerns. Such a discussion may resolve your concerns without the need for further appeal action. If you proceed with an appeal, you may request an informal or formal appeal. WDFW encourages you to take advantage of the informal appeal process before initiating a formal appeal. The informal appeal process includes a review by department management of the HPA or denial and often resolves issues faster and with less legal complexity than the formal appeal process. If the informal appeal process does not resolve your concerns, you may advance your appeal to the formal process. You may contact the HPA Appeals Coordinator at (360) 902-2534 for more information.

HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: December 29, 2022
Project End Date: September 13, 2024

Permit Number: 2019-6-400+03
FPA/Public Notice Number: N/A
Application ID: 17671

A. INFORMAL APPEALS: WAC 220-660-460 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee may conduct an informal hearing or review and recommend a decision to the Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

B. FORMAL APPEALS: WAC 220-660-470 is the rule describing how to request a formal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete formal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Director's or designee's written decision in response to the informal appeal.

C. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS: If there is no timely request for an appeal, the WDFW action shall be final and unappealable.

Habitat Biologist	Danielle.Zitomer@dfw.wa.gov		for Director
Danielle Zitomer	360-764-0866		WDFW

Washington State Department of Transportation

General Permit

Permit No. 60759

Applicant - Please print or type all information

Application is Herby Made For: [X] General Permit (no fee)
[ ] General Permit $2.50 (Subject to RCW 47.12.140(2))

Intended Use of State Right of Way is to Construct, Operate, and Maintain a:

Project will construct/modify an existing irrigation diversion dam, headgate, canal, pipeline, and gage by installing a new fish ladder, headgate, notching the dam, and converting the open canal to a pipeline. Agnew Irrigation District is the operator of the facility. Permit is requested to allow access from Highway 101 through WSDOT right-of-way to the facility for construction, estimated in August-October 2021.

Post construction this permit also provides for perpetual access to maintain and monitor county facilities until such monitoring and maintenance is not needed or WSDOT has reason to limit or close this access.

on a portion of State Route **101** from Mile Post **258.240** to Mile Post **258.240** in **Clallam** County,

____ 1/4 of **SE** 1/4 of Section **18** Township **30N** Range **4** West/East W.M. **W**

Fees in the amount of N/A are paid to defray the basic administrative expense incident to the processing of this application according to RCW 47.12.140(2) and amendments. The applicant further promises to pay additional costs incurred by the Department on the behalf of the applicant.

***Checks or Money Orders* are to be made payable to "Washington State Department of Transportation".**

CLALLAM COUNTY DEPT OF COMM DEV.
Applicant (Referred to as Permit Holder)

Cathy Lear
Applicant Authorized Signature

223 East 4th Street
Address

Cathy Lear
Print or Type Name

Port Angeles **WA** **98362**
City State Zip Code

Project Manager
Title

360-417-2361 /360.912.5995
Telephone

Dated this 18th day of June, 2021

Authorization to Occupy Only If Approved Below

The Washington State Department of Transportation referred to as the "Department", hereby grants this Permit subject to the terms and conditions stated in the General Provisions, Special Provisions, and Exhibits attached hereto and by this reference made a part hereof: Construction facilities proposed under this application shall begin within one year and must be completed within three years from date of approval.

For Department Use Only

Exhibits Attached
Exhibit "A" – GP Specials - 4 pages
Exhibit "B" – Plan Sheet - 1 sheet
Exhibit "C" – Right of Way Plan - 1 sheet
Exhibit "D" – TMC Requirements - 1 sheet

Department Approval

By: **Andrew Larson, PE**

Title: **Development Services Engineer**

Date: 6/21/2021

Expiration Date: **00/00/0000**

General Provisions

No changes to these General Provisions may be made without further approval of the Office of the Attorney General

DOCUMENTS, NON-EXCLUSIVE, COMPLIANCE WITH LAW, WORK

1. A copy of this Permit must be on the job site, protected from the elements, at all times during any Permit Holder activity, construction or improvement Work as authorized by this Permit. "Work" under this Permit shall include the use of WSDOT-owned right-of-way as authorized herein.
2. The Permit Holder shall be responsible for compliance with all applicable federal, state, tribal and local laws, ordinances and regulations, that affect work being performed pursuant to this Permit. The Permit Holder shall defend and indemnify WSDOT and the State of Washington against any claims that may arise because the Permit Holder (or any of its employees or subcontractors) violated a legal requirement.
3. The Permit Holder agrees that all Work shall be performed and completed to the satisfaction of WSDOT. All material and workmanship shall conform, in the sole discretion of WSDOT, to WSDOT's Standard Specifications for Road, Bridge, and Municipal Construction, current edition and amendments thereto, unless WSDOT has agreed in writing to a different standard, and shall be subject to WSDOT inspection. All WSDOT inspections of Work within WSDOT-owned highway right-of-way or upon state highway right-of-way under WSDOT jurisdiction, are solely for the benefit of WSDOT and not for the benefit of the Permit Holder, Permit Holder's contractor (if any), or any third party.
4. Upon approval of this Permit, the Permit Holder agrees to and shall diligently proceed with the Work and comply with all of the terms, provisions, and exhibits attached herein. Unless specified otherwise by WSDOT, or agreed to in writing by WSDOT, the work authorized by this Permit shall begin, be completed, or shall expire by the dates as agreed to by this Permit and its provisions, as indicated on page 1.

RIGHT OF ENTRY NON-EXCLUSIVE

5. Subject to the terms of this Permit, WSDOT hereby grants to the Permit Holder, its authorized agents, contractors, subcontractors, and employees, a right of entry upon WSDOT-owned highway right-of-way or upon state highway right-of-way under WSDOT jurisdiction, onto which access is necessary to construct, operate and/or maintain the completed Work.

   If WSDOT has approved any limited access breaks, or inner corridor access breaks, for the Work, the Permit Holder shall strictly comply with the terms and conditions of such approval.

WSDOT NOTIFICATION: SURVEY MONUMENTS, HIGHWAY SIGNS, FENCES, LANDSCAPING

6. Unless authorized by WSDOT or other affected property owner in writing, the Permit Holder shall assure that all public and private property, including but not limited to traffic signal equipment, signs, guide markers, lane markers, fences, mailboxes, guardrail, barriers, and utilities, are not impacted, damaged, destroyed, or removed. If any such property is damaged, destroyed, or removed without prior written authorization, the Permit Holder shall notify WSDOT's representative immediately of such impact, damage, destruction or removal. The Permit Holder shall replace, repair, or fully restore any private or public property that is damaged, destroyed, or removed to WSDOT's sole satisfaction.
7. The Permit Holder shall not disturb, remove, or destroy any existing Survey Monument before first obtaining a Washington State Department of Natural Resources (DNR) permit. The Permit Holder agrees that resetting Survey Monuments shall be the sole responsibility, and at the sole expense, of the Permit Holder. Such resetting of any Survey Monument shall be performed by or under the direct supervision of a Licensed Professional Land Surveyor. The Permit Holder shall notify WSDOT in writing within ten (10) calendar days of any Survey Monument that has been disturbed, removed, destroyed, or reset, and shall restore the Survey Monument to its original place and condition at the Permit Holder's sole expense within ten (10) calendar days of its disturbance, damage or destruction.

   If Permit holder does not perform the resetting work as required herein, WSDOT may perform such work and the Permit Holder agrees to fully reimburse and make payment to WSDOT within thirty (30) calendar days of the date of WSDOT's detailed invoice pursuant to Section 26 – Invoice and Payments, herein. If WSDOT chooses not to make the repairs, WSDOT may initiate an action to revoke this Permit.

   A listing of Survey Monuments can be found at the WSDOT's Geographic Services Office Website: http://www.wsdot.wa.gov/monument/searchBroad.aspx

DISTURBANCE OF EXISTING RIGHT-OF-WAY VEGETATION

8. Unless otherwise authorized by WSDOT's representative in writing prior to the start of any Work, this Permit does not authorize the Permit Holder, its' employees, contractors, or agents, any right to cut, spray, retard, remove, destroy, disfigure, or in any way modify the physical condition of any vegetative or landscaping material located on WSDOT owned highway right-of-way or upon state highway right-of-way under WSDOT jurisdiction. Should the Permit Holder anticipate that its' Work will alter the appearance of WSDOT-owned highway right-of-way vegetation or landscaping material, the Permit Holder shall notify the WSDOT representative listed in Special Provision 1 to obtain WSDOT's prior written approval of the Permit Holder's proposed Work. If WSDOT allows the Permit Holder to modify WSDOT-owned highway right-of-way vegetation, it agrees that any vegetation cutting and/or trimming activities shall be conducted in such a manner that WSDOT-owned highway right-of-way vegetation and landscaping material appearance or functionality will not be altered or damaged. Should the Permit Holder alter or damage the appearance of WSDOT-owned highway right-of-way vegetation and landscaping without WSDOT's prior written approval, the Permit Holder is subject to penalties provided for in RCW's 47.40.070, 47.40.080, and 4.24.630, as applicable.

REMOVAL OF TIMBER

9. This Permit is issued pursuant to the applicable terms of RCW 47.12.140 (Severance and Sale of Timber and other personalty - Removal of nonmarketable materials). This Permit does not authorize the Permit Holder, its' employees, contractors, or agents, any right to cut or remove any trees or timber located on WSDOT right-of-way or upon state highway right-of-way under WSDOT jurisdiction without prior written approval from WSDOT.

MERCHANDISING

10. It is unlawful for any person to build, erect, establish, operate, maintain, or conduct along and upon the right-of-way of any state highway any platform, box, stand, or any other temporary or permanent device or structure used or to be used for the purpose of receiving, vending, or delivering any milk, milk cans, vegetables, fruits, merchandise, produce, or any other thing or commodity of any nature unless a permit therefore has first been obtained from WSDOT. WSDOT shall in each instance determine where any platform, box, stand, or any other temporary or permanent device or structure shall be permitted pursuant to RCW 47.32.110.

EROSION CONTROL AND DRAINAGE

11. All discharges to WSDOT right-of-way or upon WSDOT highway right-of-way under WSDOT jurisdiction, if allowed, shall conform to State and Local water quality regulations and shall meet WAC 173-201A (Water Quality Standards for Surface Waters of the State of Washington).
12. During construction of this work, the Permit Holder shall comply with all provisions of the WSDOT Highway Runoff Manual, or WSDOT approved equivalent plan, and implement Best Management Practices (BMP's) to mitigate erosion.

CULTURAL RESOURCES

13. If any archaeological or historical resources are revealed in the Work vicinity, the Permit Holder shall immediately STOP Work, notify WSDOT's Representative and retain a United States Government Secretary of the Interior's qualified archaeologist. Said archaeologist shall evaluate the site and make recommendations to WSDOT regarding the continuance of the Work.

COMPLIANCE WITH CLEARZONE GUIDELINES

14. The Permit Holder hereby agrees that the Work described in this permit is in compliance with WSDOT's Clear Zone Guidelines pursuant to Chapter 1600 of WSDOT's Design Manual (M 22-01) and any revisions thereto. For any Work performed on a managed access state highway within an incorporated city or town, the Permit Holder may use the applicable city or towns clear zone guidelines if the city or town has their own published clear zone guidelines.

PERMIT EXTENSION AND ASSIGNMENT

15. The expiration date of this Permit may not be extended without WSDOT's prior written approval.
16. This Permit shall not be deemed or held to be an exclusive one and shall not prohibit WSDOT from granting permits or franchise rights; or entering into other agreements with other public or private companies or individuals, nor shall it prevent WSDOT from using any of its highways, streets, or public places, or affect its right to full supervision and control over all or any part of them, none of which is hereby surrendered.

MAINTENANCE DEFIENCIES

17. The Permit Holder shall correct any maintenance deficiency related to, or contributed to in any way by, the Work within thirty (30) consecutive calendar days upon receiving written notice of such deficiency from WSDOT, unless WSDOT authorizes in writing a different time period. Should the Permit Holder fail to correct a deficiency within the prescribed time period after receiving written notice of the deficiency from WSDOT, WSDOT reserves the right to perform the necessary maintenance work to preserve WSDOT right-of-way or upon state highway right-of-way under WSDOT jurisdiction or for the protection of the traveling public including bicycles or pedestrians. If WSDOT performs maintenance work as provided herein, the Permit Holder agrees to fully reimburse and make payment to WSDOT within thirty (30) calendar days of the date of WSDOT's detailed invoice pursuant to Section 26 – Invoice and Payments, herein. It WSDOT chooses not to make the repairs; WSDOT may initiate an action to revoke this Permit.

INTERFERENCE WITH OTHER PROJECTS

18. The Permit Holder agrees to schedule and perform the Work herein in such a manner as not to interfere with any WSDOT maintenance or other activities on WSDOT right-of-way or upon state highway right-of-way under WSDOT jurisdiction, including any WSDOT authorized construction activities that may be occurring in the general vicinity of the Work authorized by this Permit.

INSURANCE

19. Insurance (Applicable on a case by case basis)

    The Permit Holder shall provide proof of insurance coverage prior to performing any Work within State-owned highway right of way, as follows:

    - Commercial General Liability covering the risks of bodily injury (including death), property damage, and personal injury, including coverage for contractual liability, with a limit of not less than $5 million per occurrence and in the aggregate; OR
    - Business Automobile Liability (owned, hired, or non-owned) covering the risks of bodily injury (including death) and property damage, including coverage for contractual liability, with a limit of not less than $1 million per accident; OR
    - Employers Liability covering the risks of Permit Holder's employees' bodily injury by accident or disease, with limits of not less than $1 million per accident for bodily injury by accident and $1 million per employee for bodily injury by disease.

    WSDOT and the State shall be expressly named as an additional insureds under these general liability and automobile liability policies, by endorsing these policies with form CG2010 1185 or CA2048 (as appropriate), which shall contain no additional limitations with respect to completed operations or ongoing operations coverages, nor shall there be any limitation with respect to the negligence of WSDOT and the State. These policies shall be primary and non-contributory with respect to WSDOT and the State, and shall contain a waiver of subrogation in favor of WSDOT and the State. The Permit Holder shall furnish WSDOT proof of these insurance requirements prior to performing any Work under the Permit. A forty-five (45) calendar day written notice shall be given to the Department prior to termination of or any material change to the policy(ies) as such relate(s) to this Permit.

MODIFICATION OR REVOCATION OF THE PERMIT BY WSDOT

20a. Modification: If this Permit is modified in writing by WSDOT, the Permit Holder will have thirty (30) calendar days from the date of the written notice to modify the Work as required by WSDOT. If the modifications cannot be made within thirty (30) calendar days, the Permit Holder shall request from WSDOT, in writing, during the prescribed time period, an extension of time in which to make the modifications. Any extension of time shall be made in writing and is solely within WSDOT's discretion.

Should the Permit Holder breach any of the conditions or requirements of the permit or if WSDOT determines that emergency maintenance of the Work is required to (1) protect any aspect of the state highway right-of-way or upon state highway right-of-way under WSDOT jurisdiction, or (2) secure the safety of the traveling public due to a failure of the Permit Holder's Work or its maintenance thereof, WSDOT may perform the emergency maintenance work without the Permit Holder's prior approval, and the Permit Holder agrees to reimburse WSDOT's actual direct and related indirect costs and expenses for performing the emergency maintenance work pursuant to the provisions of Section 26 - Invoice and Payments. WSDOT will notify the Permit Holder of the emergency work performed as soon as practicable.

20b. Revocation: If the Permit is revoked and the Permit Holder fails to return the property back to its original condition, as solely determined by WSDOT, WSDOT shall perform such Work at the Permit Holder's sole cost and expense, and the Permit Holder shall reimburse WSDOT's actual direct and related indirect costs and expenses for performing the Work pursuant to the provisions of Section 27 - Invoice and Payments.

20c. Plan Corrections: WSDOT reserves the right to require changes or corrections due to plan omissions or details not in conformance with WSDOT's Standard Specifications, Standard Plans, Design Manual, or Project Special Provisions.

MODIFICATION OF THE PERMIT BY THE PERMIT HOLDER

21. If the Permit Holder desires to modify this permit and/or the Work, it shall notify the WSDOT Representative listed in Exhibit A, Special Provisions, in writing of all proposed changes for WSDOT's prior written approval. WSDOT agrees to provide written acceptance or rejection of the proposed change(s) to the Permit Holder within Ten (10) business days.

ADDITIONAL PERMIT CONDITIONS

22. The Permit Holder shall not excavate or place any obstacle within the limits of state highway right-of-way in such a manner as to interfere with WSDOT's construction, operation, and maintenance of the State Highway right-of-way or the public's travel thereon without WSDOT's prior written approval and/or as may be provided in this Permit.

23. Upon completion of all Work, the Permit Holder shall immediately remove all rubbish and debris from WSDOT right-of-way or upon state highway right-of-way under WSDOT jurisdiction, leaving WSDOT right-of- way in a neat, presentable, and safe condition, to WSDOT's sole satisfaction. Any Work-related rubbish and debris clean up, or any necessary slope treatment to restore and/or protect WSDOT right-of-way or upon state highway right-of-way under WSDOT jurisdiction, not done within seven (7) calendar days of Work completion, will be done by WSDOT at the expense of the Permit Holder, unless otherwise approved in writing by WSDOT prior to the expiration of the (7) day period.

    The Permit Holder agrees to reimburse WSDOT's actual direct and related indirect costs and expenses for performing the Work pursuant to the provisions of Section 26 - Invoice and Payments.

24. The Permit Holder agrees to maintain, at its sole expense, its Work under this Permit in a manner satisfactory to WSDOT, in WSDOT's sole discretion.

25. WSDOT shall in no way be held liable for any damage to the Permit Holder by reason of any such work by or authorized by WSDOT, its agents or representatives, or by the exercise of any rights by WSDOT upon roads, streets, public places, or structures in question.

EXTENSION OF THE EXPIRATION DATE

26. If requested by the Permit Holder, the Expiration Date of this Permit may be extended by WSDOT after review of the contributing circumstances.

INVOICE AND PAYMENTS

27. If WSDOT deems it necessary to perform Work as provided for in this Permit by WSDOT forces or its' contractor, including but not limited to any modification, repair, clean up or removal of the Work authorized under this Permit:

    a. WSDOT will assign a reimbursable account to the Permit Holder as a means of invoicing the Permit Holder for the costs associated with the Work performed by WSDOT.

    b. WSDOT will provide a detailed invoice, including direct and related indirect costs, to the Permit Holder for the Work performed by WSDOT or its contractor(s), and the Permit Holder agrees to pay WSDOT within thirty (30) calendar days of receipt of an invoice.

    c. The Permit Holder agrees that if payment is not made to WSDOT as herein agreed, WSDOT may charge late fees, interest and/or refer the debt to a Collection Agency, all in accordance with Washington State Law.

OTHER PERMITS AND APPROVALS

28. The Permit Holder shall be responsible for securing all necessary permits, including but not limited to, federal, state, and local regulatory, tribal, environmental, archeological, and railroad permits and permits from the Washington State Department of Ecology, the Washington State Department of Fish and Wildlife, and/or the U.S. Army Corps of Engineers prior to beginning the Work authorized by this Permit. The Permit Holder shall be responsible for mitigation measures where wetlands have been disturbed and agrees that it is solely responsible for any fines imposed for noncompliance with the permit(s) conditions or for failure to obtain the required permits. In addition, the Permit Holder, on behalf of itself and its contractors, officers, officials, employees, and agents, agrees to indemnify, hold harmless, and defend, at its sole cost and expense, WSDOT and its officers, officials, employees, and agents from any and all fines, costs, claims, judgments, and/or awards of damages to regulatory agencies, persons, and/or property, arising out of, or in any way resulting from, the Permit Holder's failure to (1) obtain any required permit for the Permit Holder Work or (2) comply with permit conditions.

INDEMNIFICATION, WAIVER, VENUE, AND ATTORNEYS FEES

29. The Permit Holder, its successors and assigns, shall indemnify, defend at its sole cost and expense, and hold harmless the State of Washington, its officers, employees, and agents from all claims, suits, demands, actions for damages (both to persons and/or property), expenses, regulatory fines, and/or suits in law and in equity that (1) arise out of or are incident to, or alleged to arise out of or are incident to, any acts or omissions of the Permit Holder, its agents, contractors, subcontractors, employees, invitees, successors, assigns and/or any other person in the use of the WSDOT-owned highway right-of-way or upon state highway right-of-way under WSDOT jurisdiction as authorized by the terms and conditions of this Permit, or (2) are caused by the breach of any of the terms or conditions of this Permit by the Permit Holder, its successors and assigns, and its contractors, subcontractors, agents, employees, invitees and/or any other person. The Permit Holder, its successors and assigns, shall not be required to indemnify, defend, or hold harmless the State of Washington, its' officers, employees and/or agents, if the claim, suit, or action for damages (both to persons and/or property) is caused by the sole acts or omissions of the State of Washington, its' officers, employees and/or agents; provided that, if such claims, suits, or actions result from the concurrent negligence of (1) the State of Washington, its officers, employees and/or agents, and (2) the Permit Holder, its agents, contractors, subcontractors, employees, invitees, successors, assigns and/or any other person or involves those actions covered by RCW 4.24.115, the indemnity provisions provided herein shall be valid and enforceable only to the extent of the acts or omissions of the Permit Holder, its agents, contractors, subcontractors, employees, invitees, successors, assigns and/or any other person.

30. The Permit Holder agrees that its obligations under this Permit extend to any claim, demand, and/or cause of action brought by, or on behalf of, any of its' employees or agents while performing Work under this Permit while located on or off WSDOT-owned highway right of way or upon state highway right of way under WSDOT jurisdiction. For this purpose, the Permit Holder, by mututal negotiation, hereby waives, with respect to the State of Washington only, any immunity that would otherwise be available to it against such claims under the Industrial Insurance provisions in chapter 51.12 RCW.

31. The indemnification and waiver provided for in Sections 29 and 30 shall survive the termination of this Permit.

32. In the event that the Permit Holder or WSDOT deems it necessary to institute legal action or proceedings to enforce any right or obligation under this Permit, the Permit Holder and WSDOT agree that any such action or proceedings shall be brought in the superior court situated in Thurston County, Washington. Further, the Permit Holder agrees that it shall be solely responsible for its own attorney's fees and costs and agrees that it shall not seek nor be entitled to recovery of such attorney's fees and costs.

NONAPPLICABILITY OF RELOCATION ASSISTANCE/EMINENT DOMAIN

33. The Permit Holder acknowledges that this Permit does not at any time entitle the Permit Holder, its successors or assigns, to assistance under the Relocation Assistance - Real Property Acquisition Policy (Chapter 8.26 RCW). Further, the revocation or other termination of this Permit shall not be deemed a taking by WSDOT under the laws of eminent domain.

EXHIBIT "A"

Washington State
Department of Transportation

Special Provisions for Access Connection Permit Managed Access Highways Only

Not for use within an Incorporated City or Town

Permit No. 60759

Applicable provisions are denoted by (☑)

☑ 1. No work provided by this permit shall be performed until the Permit Holder is authorized by the following WSDOT representative:

Area 3 Maintenance
Port Angeles Maintenance Facility
1707 South C Street
Port Angeles, WA 98363-7456
253-983-7550
As of March 2021:
Connie Rae - Maintenance Superintendent
Nate Bergeman- Assistant Superintendent

☑ 2. The Permit Holder shall only perform the construction work authorized by this permit during the following work hours:

There are no work hour restrictions and weekend work is allowed, except per General Provision #21 when no work and no traffic control is allowed during Holidays or Holiday weekends, except for traffic control needed to secure the work area. WSDOT also reserves the right to restrict or prohibit any traffic control operations when WSDOT must implement or allow other traffic control for whatever reasons WSDOT considers to be of a higher priority.

☑ 3. The Permit Holder, unless specified otherwise in this permit, shall only implement the Traffic Control Plans approved for this permit during the following work hours:

There are no traffic control work hour restrictions and weekend work is allowed, except per General Provision #21 when no work and no traffic control is allowed during Holidays or Holiday weekends, except for traffic control needed to secure the work area. WSDOT also reserves the right to restrict or prohibit any traffic control operations when WSDOT must implement or allow other traffic control for whatever reasons WSDOT considers to be of a higher priority.

☐ 4. **Pre-Paving Inspection**

The Permit Holder shall contact WSDOT to request a pre-paving inspection prior to paving any Hot Mix Asphalt (HMA) or Bituminous Surface Treatment (BST). No paving shall occur without first receiving WSDOT's prior written approval to pave. Failure to obtain this approval may result in WSDOT directing the Permit Holder to remove, repair, and/or add more paving at the Permit Holder's sole cost and expense.
The pre-paving inspection is required to permit WSDOT to verify that the paving, before it is placed, will meet WSDOT's design requirements for the access connection. Items to be inspected include, but are not limited to, paving limits, culvert placement, material installation, side slopes, and grading of the access connection to

ensure that stormwater will not flow onto the existing state highway pavement after the access connection paving is completed.

☐ 5. **Paved Access Connection**

The Access Connection shall be constructed with the following materials, listed from top lift to bottom lift. The thicknesses shown are minimum requirements, as additional material may be necessary to properly construct the access connection.

☐ See Exhibit " " for design details and paving requirements

inches of Mix Asphalt (HMA)

☐ Bituminous Surface Treatment (BST), also known as chipseal

inches Crushed Surfacing Top Course (CSTC)

inches Crushed Surfacing Base Course (CSBC)

inches of Rock Cap

☐ Geotextile for separation or soil stabilization

☑ 6. **Gravel Access Connection**

The Access Connection shall be constructed with the following materials, listed from top lift to bottom lift. The thicknesses shown are minimum requirements. WSDOT may require additional material as necessary to properly construct the access connection.

☐ See Exhibit " " for additional desgin details and gravel requirements

inches Crushed Surfacing Top Course (CSTC)

inches Crushed Surfacing Base Course (CSBC)

inches of Quarry Spalls

inches of Rock Cap

☐ Geotextile for separation or soil stabilization

☐ 7. **Culvert Installation**

The access connection shall include the installation of a culvert installed in a straight line and with a grade that matches the existing grade of the highway ditch or swale such that the existing conveyance of stormwater will not be adversely impacted. The culvert to be installed shall be

18 inch minimum diameter culvert

☐ 8. **Culvert Beveled End Treatments**

The open ends of the culvert run shall be beveled to match the existing slopes of the ditch or swale and access connection fill material.

☐ 9. **Culvert End Treatments – Quarry Spalls**

Quarry spalls shall be placed around the open ends of the culvert. The quarry spalls shall be placed below, along the sides, and on the top of the open end of the culvert for a minimum length of two (2) feet in all directions

☑ 10. **Gated and Locked Access**

This access connection shall be gated and locked when not in active use.

☐ 11. **Access Connection for Emergency Use Only**

This access connection is for emergency use only and shall be gated and locked at all times to the general public.

☐ 12. **Temporary Access Connection**

This is a temporary access connection that shall be immediately closed and removed by the Permit Holder when no longer needed, or by the date listed below, whichever comes first:

When the access connection is removed, the Permit Holder shall restore the state highway right-of-way to its original condition, including reseeding if required. Failure by the Permit Holder to remove the access

connection as specified herein may result in WSDOT removing the access connection at the Permit Holder's expense.

☐ 13. **Surety**

To ensure proper compliance with all terms and conditions of this permit, a surety amount in the form of a Bond, Assignment of Escrow, Certificate of Deposit, Irrevocable Letter of Credit, Check or Money Order shall be provided to WSDOT in the amount listed below. If a bond is provided, it shall be written by a surety company authorized to do business in the State of Washington.

The surety amount shall be:

The surety bond shall remain in force until all work under this permit has received final concurrence by WSDOT, and WSDOT issues a written release of the surety bond.

☑ 14. **This is a Non-Conforming Access Connection Permit:**

Nonconforming Access Connection Permits (WAC 468-51-100) do not meet WSDOT's location and spacing criteria standards at the time of the permit application submittal, but denial would leave the property without reasonable access onto the public road system. Nonconforming Access Connection Permits may continue only until WSDOT determines that a Conforming Access Connection can be constructed, in such case the Nonconforming Access Connection shall be removed.

☑ It does not meet the minimum spacing from another adjacent driveway or public road intersection of:

☐ 125 feet ☐ 250 feet ☐ 330 feet ☑ 660 feet ☐ 1320 feet

☐ It does not meet the minimum corner clearance standards of WAC 468-52-040(6) of

☐ 75 feet ☐ 100 feet ☐ 115 feet ☐ 125 feet ☐ 230 feet

☐ It exceeds the number of access points for one parcel or contiguous parcels under the same ownership by one or more additional access connections.

☐ The existing topography, site conditions, and/or wetland or stream restrictions and buffers prevent the access to be constructed to current standards.

Therefore, this access connection shall only continue until such time that a conforming access connection can be constructed or another access to the local street system becomes available and is permitted. Variance Access Connection Permits are only issued on Class 2 through 5 highways.

☐ **15. This is a Variance Access Connection Permit:**

Variance Access Connection Permits (WAC 468-51-105) may be issued, at the discretion of WSDOT, for certain connections not meeting the access classification location and spacing or that exceed the number of connections allowed by the standards adopted for a particular highway segment.

☐ It does not meet the minimum spacing from another adjacent driveway or public road intersection of:

☐ 125 feet ☐ 250 feet ☐ 330 feet ☐ 660 feet

☐ It does not meet the minimum corner clearance standards of WAC 468-52-040(6) of:

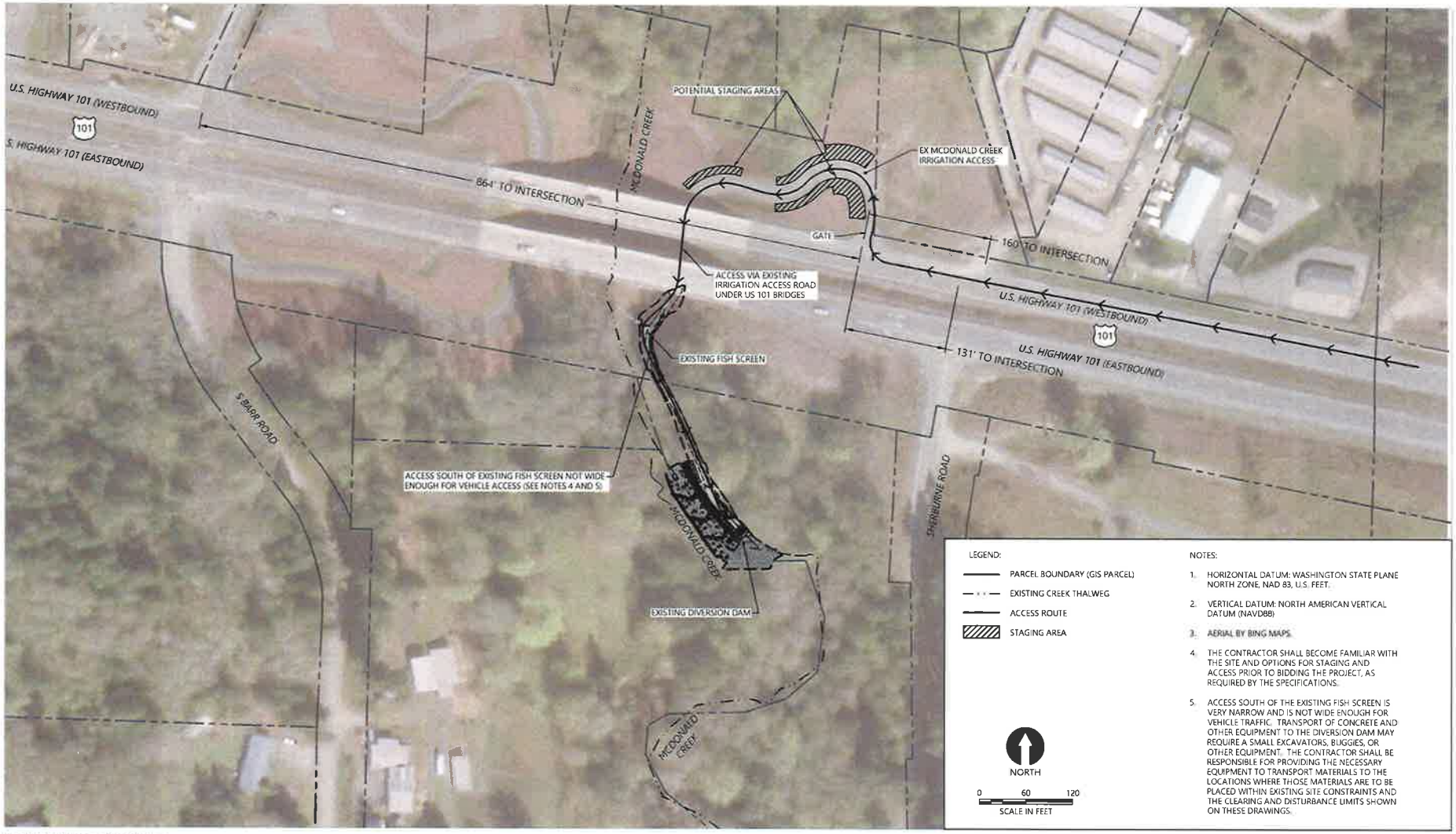
☐ 75 feet ☐ 100 feet ☐ 115 feet ☐ 125 feet ☐ 230 feet

☐ It exceeds the number of access points for one parcel or contiguous parcels under the same ownership by one or more additional access connections.

☐ The existing topography, site conditions, and/or wetland or stream restrictions and buffers prevent the access to be constructed to current standards.

Therefore, this access connection shall only continue until such time that a conforming access connection can be constructed or another access to the local street system becomes available and is permitted.

EXHIBIT "B"



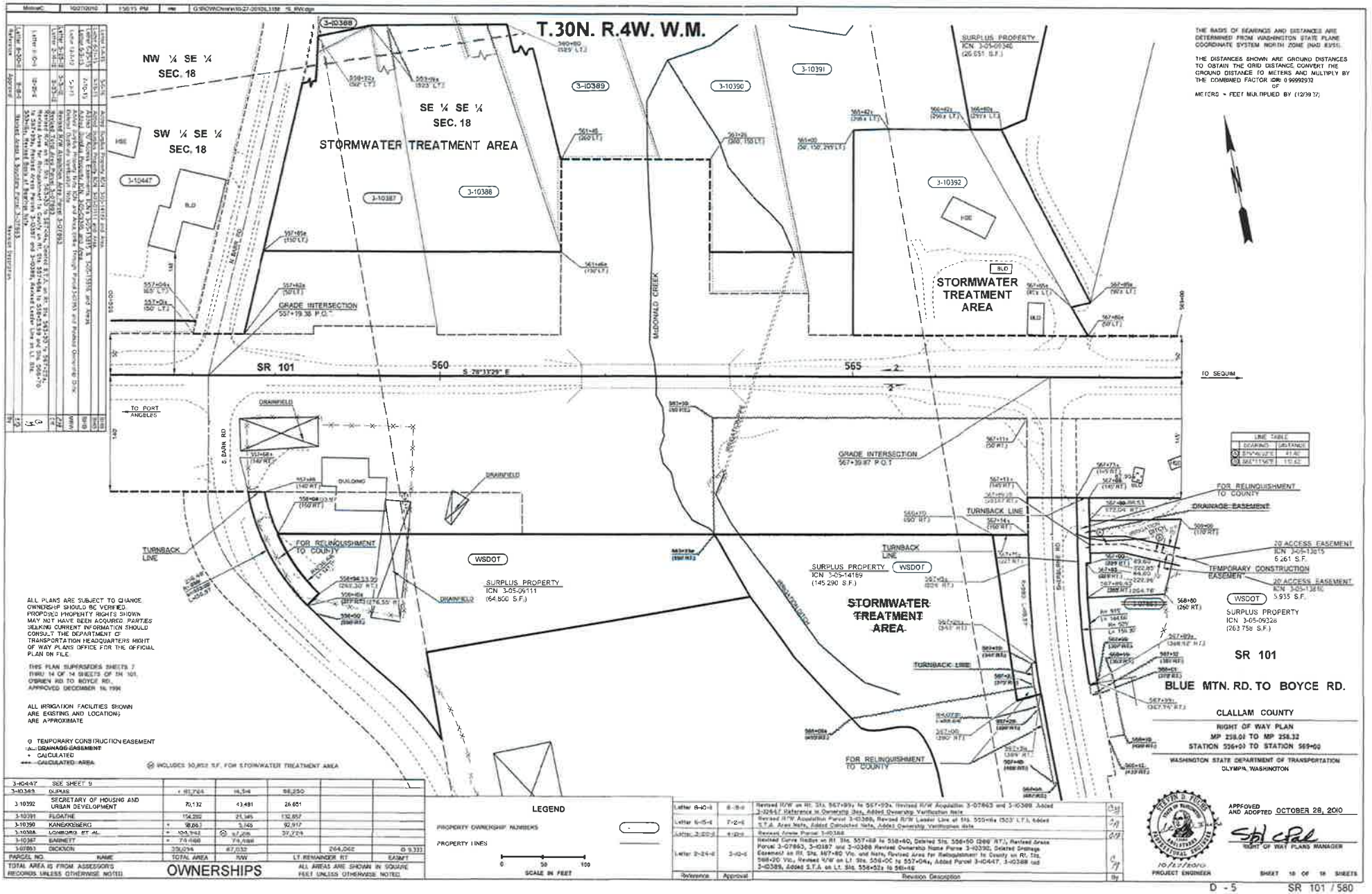
Publish Date: 2021/10/08 8:30 AM | User: dbeck
I:\Projects\1499 Clallam County\McDonald Creek Irrigation Infrastructure\1499-RP-001 Map for WSDOT.dwg Figure 1

ANCHOR QEA

Figure 1
Access and Distance to nearest Intersections

WSDOT Access Permit
McDonald Creek Irrigation Improvement and Restoration Project

EXHIBIT "C"



THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91).

THE DISTANCES SHOWN ARE GROUND DISTANCES TO OBTAIN THE GRID DISTANCE CONVERT THE GROUND DISTANCE TO METERS AND MULTIPLY BY THE COMBINED FACTOR OF: 0.99992932 OF METERS = FEET MULTIPLIED BY (1/2.39737)

ALL PLANS ARE SUBJECT TO CHANGE. OWNERSHIP SHOULD BE VERIFIED. PROPOSED PROPERTY RIGHTS SHOWN MAY NOT HAVE BEEN ACQUIRED. PARTIES SEEKING CURRENT INFORMATION SHOULD CONSULT THE DEPARTMENT OF TRANSPORTATION HEADQUARTERS RIGHT OF WAY PLANS OFFICE FOR THE OFFICIAL PLAN ON FILE.

THIS PLAN SUPERSEDES SHEETS 7 THRU 14 OF 14 SHEETS OF SR 101, O'BRIEN RD TO BOYCE RD., APPROVED DECEMBER 16, 1996

ALL IRRIGATION FACILITIES SHOWN ARE EXISTING AND LOCATIONS ARE APPROXIMATE

⊙ TEMPORARY CONSTRUCTION EASEMENT
DRAINAGE EASEMENT
+ CALCULATED
CALCULATED AREA

② INCLUDES 30,852 S.F. FOR STORMWATER TREATMENT AREA

OWNERSHIPS

PARCEL NO.	NAME	TOTAL AREA	R/W	LT REMAINDER RT	EASMT
3-10447	SEE SHEET 9				
3-10388	SURPLUS	± 91,764	14,514	98,250	
3-10392	SECRETARY OF HOUSING AND URBAN DEVELOPMENT	70,132	43,481	26,651	
3-10391	FLOATHE	154,282	21,345	132,857	
3-10390	KANEKENBERG	± 98,863	5,946	92,917	
3-10388	LOMBORG ET AL	± 104,943	② 67,018	37,724	
3-10387	BARNETT	± 74,488	74,488		
3-10863	DICKSON	335,094	67,032	264,062	⊙ 9,333

TOTAL AREA IS FROM ASSESSORS RECORDS UNLESS OTHERWISE NOTED

ALL AREAS ARE SHOWN IN SQUARE FEET UNLESS OTHERWISE NOTED.

LEGEND

PROPERTY OWNERSHIP NUMBERS

PROPERTY LINES

0 50 100
SCALE IN FEET

Reference	Approval	Revision Description	By
Letter 8-10-10	8-18-10	Revised R/W on Rt. Sta. 567+99± to 567+92±. Revised R/W Acquisition 3-07863 and 3-10388 Added 3-02567. Reference in Ownership Data, Added Ownership Verification Note	CM
Letter 9-15-10	9-21-10	Revised R/W Acquisition Parcel 3-10388, Revised R/W Leader Line at Sta. 559+80± (303' LT.), Added S.T.A. Area Note, Added Calculated Note, Added Ownership Verification date	CM
Letter 2-22-10	4-12-10	Revised Grade Parcel 3-10388	CM
Letter 9-24-10	9-12-10	Revised Curve Radius on Rt. Sta. 557+68 to 558+40, Deleted Sta. 556+50 (269' RT.), Revised Areas Parcel 3-07863, 3-10387 and 3-10388 Revised Ownership Name Parcel 3-10390, Deleted Drainage Easement on Rt. Sta. 567+80 Vic. and Note, Revised Area for Relinquishment to County on Rt. Sta. 568+20 Vic., Revised R/W on Lt. Sta. 556+00 to 557+04±, Added Parcel 3-10447, 3-10388 and 3-10389, Added S.T.A. on Lt. Sta. 558+52± to 561+46	CM

APPROVED AND ADOPTED OCTOBER 28, 2010

RIGHT OF WAY PLANS MANAGER

10/27/2010
PROJECT ENGINEER

SHEET 10 OF 10 SHEETS

D - 5 SR 101 / 580

SR 101
BLUE MTN. RD. TO BOYCE RD.
CLALLAM COUNTY
RIGHT OF WAY PLAN
MP 258.01 TO MP 258.32
STATION 556+00 TO STATION 569+00
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

EXHIBIT "D"

Olympic Region Traffic Management Center (TMC) Requirements

The Olympic Region Traffic Management Center (TMC) is the central resource for tracking highway traffic activity reporting relative to all maintenance, construction, and other highway work activities that are or will be occurring in the Region. The TMC is staffed 24 hours a day seven days a week. Traffic impact activities to be called in and reported by the permit holder include, but are not limited to, the following:

- Any lane closure on a state highway.
- Any shoulder closure on a state highway in the more urban higher traffic volume areas.
- Any work activity of any kind on a state highway limited access freeway.
- Any work activity that may or does cause traffic delays or other distractions to the traveling public on a state highway.

The permit holder shall call the TMC at (253) 538-3300 each time a possible traffic impact activity is about to commence or occurs. The permit holder shall call the TMC 30 minutes in advance of the activity commencing, during the activity if conditions arose that initially did not require the call-in, and at the conclusion of any activity that was reported. Information that shall be provided to the TMC each time an activity begins shall include the following:

- Name of caller,
- State Route (SR) number,
- SR milepost if known, or other description adequately describing the location of the activity (e.g. nearest intersection),
- Brief description of the activity that is about to start,
- The expected duration of the activity that is about to occur,
- Permit number allowing the work,
- Contact names and phone number(s) that allow for direct communication between the TMC and the person(s) onsite that is/are in charge of the activity that is occurring.

Please note the TMC number listed above is to be used for official state business only, and is not a public number to be used for inquires or other reporting of activities on the state highway system. Call 911 for emergencies, or other activities such as reporting a disabled vehicle on the shoulder.

FINAL PROJECT MANUAL

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FINAL PROJECT MANUAL

Appendix D-3:

Minimum Wage Requirements

State of Washington
Department of Labor & Industries
Prevailing Wage Section - Telephone 360-902-5335
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 4/12/2022

County	Trade	Job Classification	Wage	Holiday	Overtime	Note	*Risk Class
Clallam	Asbestos Abatement Workers	Journey Level	$54.62	5D	1H		View
Clallam	Boilermakers	Journey Level	$72.54	5N	1C		View
Clallam	Brick Mason	Journey Level	$63.32	7E	1N		View
Clallam	Brick Mason	Pointer-Caulker-Cleaner	$63.32	7E	1N		View
Clallam	Building Service Employees	Janitor	$14.49		1		View
Clallam	Building Service Employees	Shampooer	$14.49		1		View
Clallam	Building Service Employees	Waxer	$14.49		1		View
Clallam	Building Service Employees	Window Cleaner	$14.49		1		View
Clallam	Cabinet Makers (In Shop)	Journey Level	$16.04		1		View
Clallam	Carpenters	Acoustical Worker	$68.19	15J	4C		View
Clallam	Carpenters	Bridge, Dock And Wharf Carpenters	$68.19	15J	4C		View
Clallam	Carpenters	Carpenter	$68.19	15J	4C		View
Clallam	Carpenters	Floor Finisher	$68.19	15J	4C		View
Clallam	Carpenters	Floor Layer	$68.19	15J	4C		View
Clallam	Carpenters	Scaffold Erector	$68.19	15J	4C		View
Clallam	Cement Masons	Application of all Composition Mastic	$67.41	15J	4U		View
Clallam	Cement Masons	Application of all Epoxy Material	$66.91	15J	4U		View
Clallam	Cement Masons	Application of all Plastic Material	$67.41	15J	4U		View
Clallam	Cement Masons	Application of Sealing Compound	$66.91	15J	4U		View
Clallam	Cement Masons	Application of Underlayment	$67.41	15J	4U		View
Clallam	Cement Masons	Building General	$66.91	15J	4U		View
Clallam	Cement Masons	Composition or Kalman Floors	$67.41	15J	4U		View
Clallam	Cement Masons	Concrete Paving	$66.91	15J	4U		View
Clallam	Cement Masons	Curb & Gutter Machine	$67.41	15J	4U		View
Clallam	Cement Masons	Curb & Gutter, Sidewalks	$66.91	15J	4U		View
Clallam	Cement Masons	Curing Concrete	$66.91	15J	4U		View

Clallam	Cement Masons	Finish Colored Concrete	$67.41	15J	4U		View
Clallam	Cement Masons	Floor Grinding	$67.41	15J	4U		View
Clallam	Cement Masons	Floor Grinding/Polisher	$66.91	15J	4U		View
Clallam	Cement Masons	Green Concrete Saw, self-powered	$67.41	15J	4U		View
Clallam	Cement Masons	Grouting of all Plates	$66.91	15J	4U		View
Clallam	Cement Masons	Grouting of all Tilt-up Panels	$66.91	15J	4U		View
Clallam	Cement Masons	Gunite Nozzleman	$67.41	15J	4U		View
Clallam	Cement Masons	Hand Powered Grinder	$67.41	15J	4U		View
Clallam	Cement Masons	Journey Level	$66.91	15J	4U		View
Clallam	Cement Masons	Patching Concrete	$66.91	15J	4U		View
Clallam	Cement Masons	Pneumatic Power Tools	$67.41	15J	4U		View
Clallam	Cement Masons	Power Chipping & Brushing	$67.41	15J	4U		View
Clallam	Cement Masons	Sand Blasting Architectural Finish	$67.41	15J	4U		View
Clallam	Cement Masons	Screed & Rodding Machine	$67.41	15J	4U		View
Clallam	Cement Masons	Spackling or Skim Coat Concrete	$66.91	15J	4U		View
Clallam	Cement Masons	Troweling Machine Operator	$67.41	15J	4U		View
Clallam	Cement Masons	Troweling Machine Operator on Colored Slabs	$67.41	15J	4U		View
Clallam	Cement Masons	Tunnel Workers	$67.41	15J	4U		View
Clallam	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	$122.46	15J	4C		View
Clallam	Divers & Tenders	Diver	$122.49	15J	4C	8V	View
Clallam	Divers & Tenders	Diver On Standby	$81.04	15J	4C		View
Clallam	Divers & Tenders	Diver Tender	$73.60	15J	4C		View
Clallam	Divers & Tenders	Manifold Operator	$73.60	15J	4C		View
Clallam	Divers & Tenders	Manifold Operator Mixed Gas	$78.60	15J	4C		View
Clallam	Divers & Tenders	Remote Operated Vehicle Operator/Technician	$73.60	15J	4C		View
Clallam	Divers & Tenders	Remote Operated Vehicle Tender	$68.64	15J	4C		View
Clallam	Dredge Workers	Assistant Engineer	$73.62	5D	3F		View
Clallam	Dredge Workers	Assistant Mate (Deckhand)	$73.05	5D	3F		View
Clallam	Dredge Workers	Boatmen	$73.62	5D	3F		View
Clallam	Dredge Workers	Engineer Welder	$75.03	5D	3F		View
Clallam	Dredge Workers	Leverman, Hydraulic	$76.53	5D	3F		View
Clallam	Dredge Workers	Mates	$73.62	5D	3F		View
Clallam	Dredge Workers	Oiler	$73.05	5D	3F		View
Clallam	Drywall Applicator	Journey Level	$68.19	15J	4C		View
Clallam	Drywall Tapers	Journey Level	$67.91	5P	1E		View
Clallam	Electrical Fixture Maintenance Workers	Journey Level	$35.19	5L	1E		View
Clallam	Electricians - Inside	Cable Splicer	$97.21	7C	4E		View
Clallam	Electricians - Inside	Cable Splicer (tunnel)	$104.49	7C	4E		View
Clallam	Electricians - Inside	Certified Welder	$93.91	7C	4E		View
Clallam	Electricians - Inside	Certified Welder (tunnel)	$100.86	7C	4E		View

Clallam	Electricians - Inside	Construction Stock Person	$47.03	7C	4E		View
Clallam	Electricians - Inside	Journey Level	$90.59	7C	4E		View
Clallam	Electricians - Inside	Journey Level (tunnel)	$97.21	7C	4E		View
Clallam	Electricians - Motor Shop	Craftsman	$15.37		1		View
Clallam	Electricians - Motor Shop	Journey Level	$14.69		1		View
Clallam	Electricians - Powerline Construction	Cable Splicer	$88.89	5A	4D		View
Clallam	Electricians - Powerline Construction	Certified Line Welder	$81.65	5A	4D		View
Clallam	Electricians - Powerline Construction	Groundperson	$52.91	5A	4D		View
Clallam	Electricians - Powerline Construction	Heavy Line Equipment Operator	$81.65	5A	4D		View
Clallam	Electricians - Powerline Construction	Journey Level Lineperson	$81.65	5A	4D		View
Clallam	Electricians - Powerline Construction	Line Equipment Operator	$70.02	5A	4D		View
Clallam	Electricians - Powerline Construction	Meter Installer	$52.91	5A	4D	8W	View
Clallam	Electricians - Powerline Construction	Pole Sprayer	$81.65	5A	4D		View
Clallam	Electricians - Powerline Construction	Powderperson	$60.75	5A	4D		View
Clallam	Electronic Technicians	Journey Level	$59.10	7E	1E		View
Clallam	Elevator Constructors	Mechanic	$103.81	7D	4A		View
Clallam	Elevator Constructors	Mechanic In Charge	$112.09	7D	4A		View
Clallam	Fabricated Precast Concrete Products	Journey Level	$14.49		1		View
Clallam	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	$14.49		1		View
Clallam	Fence Erectors	Fence Erector	$46.29	15J	4V	8Y	View
Clallam	Fence Erectors	Fence Laborer	$46.29	15J	4V	8Y	View
Clallam	Flaggers	Journey Level	$46.29	15J	4V	8Y	View
Clallam	Glaziers	Journey Level	$72.41	7L	1Y		View
Clallam	Heat & Frost Insulators And Asbestos Workers	Journey Level	$82.02	15H	11C		View
Clallam	Heating Equipment Mechanics	Journey Level	$91.83	7F	1E		View
Clallam	Hod Carriers & Mason Tenders	Journey Level	$57.31	15J	4V	8Y	View
Clallam	Industrial Power Vacuum Cleaner	Journey Level	$14.49		1		View
Clallam	Inland Boatmen	Boat Operator	$61.41	5B	1K		View
Clallam	Inland Boatmen	Cook	$56.48	5B	1K		View
Clallam	Inland Boatmen	Deckhand	$57.48	5B	1K		View
Clallam	Inland Boatmen	Deckhand Engineer	$58.81	5B	1K		View
Clallam	Inland Boatmen	Launch Operator	$58.89	5B	1K		View
Clallam	Inland Boatmen	Mate	$57.31	5B	1K		View
Clallam	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	$14.49		1		View
Clallam	Inspection/Cleaning/Sealing Of	Grout Truck Operator	$14.49		1		View

	Sewer & Water Systems By Remote Control						
Clallam	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	$14.49		1		View
Clallam	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	$14.49		1		View
Clallam	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	$14.49		1		View
Clallam	Insulation Applicators	Journey Level	$68.19	15J	4C		View
Clallam	Ironworkers	Journeyman	$80.28	7N	1O		View
Clallam	Laborers	Air, Gas Or Electric Vibrating Screed	$54.62	15J	4V	8Y	View
Clallam	Laborers	Airtrac Drill Operator	$56.31	15J	4V	8Y	View
Clallam	Laborers	Ballast Regular Machine	$54.62	15J	4V	8Y	View
Clallam	Laborers	Batch Weighman	$46.29	15J	4V	8Y	View
Clallam	Laborers	Brick Pavers	$54.62	15J	4V	8Y	View
Clallam	Laborers	Brush Cutter	$54.62	15J	4V	8Y	View
Clallam	Laborers	Brush Hog Feeder	$54.62	15J	4V	8Y	View
Clallam	Laborers	Burner	$54.62	15J	4V	8Y	View
Clallam	Laborers	Caisson Worker	$56.31	15J	4V	8Y	View
Clallam	Laborers	Carpenter Tender	$54.62	15J	4V	8Y	View
Clallam	Laborers	Cement Dumper-paving	$55.62	15J	4V	8Y	View
Clallam	Laborers	Cement Finisher Tender	$54.62	15J	4V	8Y	View
Clallam	Laborers	Change House Or Dry Shack	$54.62	15J	4V	8Y	View
Clallam	Laborers	Chipping Gun (30 Lbs. And Over)	$55.62	15J	4V	8Y	View
Clallam	Laborers	Chipping Gun (Under 30 Lbs.)	$54.62	15J	4V	8Y	View
Clallam	Laborers	Choker Setter	$54.62	15J	4V	8Y	View
Clallam	Laborers	Chuck Tender	$54.62	15J	4V	8Y	View
Clallam	Laborers	Clary Power Spreader	$55.62	15J	4V	8Y	View
Clallam	Laborers	Clean-up Laborer	$54.62	15J	4V	8Y	View
Clallam	Laborers	Concrete Dumper/Chute Operator	$55.62	15J	4V	8Y	View
Clallam	Laborers	Concrete Form Stripper	$54.62	15J	4V	8Y	View
Clallam	Laborers	Concrete Placement Crew	$55.62	15J	4V	8Y	View
Clallam	Laborers	Concrete Saw Operator/Core Driller	$55.62	15J	4V	8Y	View
Clallam	Laborers	Crusher Feeder	$46.29	15J	4V	8Y	View
Clallam	Laborers	Curing Laborer	$54.62	15J	4V	8Y	View
Clallam	Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	$54.62	15J	4V	8Y	View
Clallam	Laborers	Ditch Digger	$54.62	15J	4V	8Y	View
Clallam	Laborers	Diver	$56.31	15J	4V	8Y	View
Clallam	Laborers	Drill Operator (Hydraulic, Diamond)	$55.62	15J	4V	8Y	View
Clallam	Laborers	Dry Stack Walls	$54.62	15J	4V	8Y	View
Clallam	Laborers	Dump Person	$54.62	15J	4V	8Y	View

Clallam	Laborers	Epoxy Technician	$54.62	15J	4V	8Y	View
Clallam	Laborers	Erosion Control Worker	$54.62	15J	4V	8Y	View
Clallam	Laborers	Faller & Bucker Chain Saw	$55.62	15J	4V	8Y	View
Clallam	Laborers	Fine Graders	$54.62	15J	4V	8Y	View
Clallam	Laborers	Firewatch	$46.29	15J	4V	8Y	View
Clallam	Laborers	Form Setter	$54.62	15J	4V	8Y	View
Clallam	Laborers	Gabian Basket Builders	$54.62	15J	4V	8Y	View
Clallam	Laborers	General Laborer	$54.62	15J	4V	8Y	View
Clallam	Laborers	Grade Checker & Transit Person	$57.31	15J	4V	8Y	View
Clallam	Laborers	Grinders	$54.62	15J	4V	8Y	View
Clallam	Laborers	Grout Machine Tender	$54.62	15J	4V	8Y	View
Clallam	Laborers	Groutmen (Pressure) Including Post Tension Beams	$55.62	15J	4V	8Y	View
Clallam	Laborers	Guardrail Erector	$54.62	15J	4V	8Y	View
Clallam	Laborers	Hazardous Waste Worker (Level A)	$56.31	15J	4V	8Y	View
Clallam	Laborers	Hazardous Waste Worker (Level B)	$55.62	15J	4V	8Y	View
Clallam	Laborers	Hazardous Waste Worker (Level C)	$54.62	15J	4V	8Y	View
Clallam	Laborers	High Scaler	$56.31	15J	4V	8Y	View
Clallam	Laborers	Jackhammer	$55.62	15J	4V	8Y	View
Clallam	Laborers	Laserbeam Operator	$55.62	15J	4V	8Y	View
Clallam	Laborers	Maintenance Person	$54.62	15J	4V	8Y	View
Clallam	Laborers	Manhole Builder-Mudman	$55.62	15J	4V	8Y	View
Clallam	Laborers	Material Yard Person	$54.62	15J	4V	8Y	View
Clallam	Laborers	Motorman-Dinky Locomotive	$55.62	15J	4V	8Y	View
Clallam	Laborers	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)	$57.31	15J	4V	8Y	View
Clallam	Laborers	Pavement Breaker	$55.62	15J	4V	8Y	View
Clallam	Laborers	Pilot Car	$46.29	15J	4V	8Y	View
Clallam	Laborers	Pipe Layer (Lead)	$57.31	15J	4V	8Y	View
Clallam	Laborers	Pipe Layer/Tailor	$55.62	15J	4V	8Y	View
Clallam	Laborers	Pipe Pot Tender	$55.62	15J	4V	8Y	View
Clallam	Laborers	Pipe Reliner	$55.62	15J	4V	8Y	View
Clallam	Laborers	Pipe Wrapper	$55.62	15J	4V	8Y	View
Clallam	Laborers	Pot Tender	$54.62	15J	4V	8Y	View
Clallam	Laborers	Powderman	$56.31	15J	4V	8Y	View
Clallam	Laborers	Powderman's Helper	$54.62	15J	4V	8Y	View
Clallam	Laborers	Power Jacks	$55.62	15J	4V	8Y	View
Clallam	Laborers	Railroad Spike Puller - Power	$55.62	15J	4V	8Y	View
Clallam	Laborers	Raker - Asphalt	$57.31	15J	4V	8Y	View
Clallam	Laborers	Re-timberman	$56.31	15J	4V	8Y	View
Clallam	Laborers	Remote Equipment Operator	$55.62	15J	4V	8Y	View

Clallam	Laborers	Rigger/Signal Person	$55.62	15J	4V	8Y	View
Clallam	Laborers	Rip Rap Person	$54.62	15J	4V	8Y	View
Clallam	Laborers	Rivet Buster	$55.62	15J	4V	8Y	View
Clallam	Laborers	Rodder	$55.62	15J	4V	8Y	View
Clallam	Laborers	Scaffold Erector	$54.62	15J	4V	8Y	View
Clallam	Laborers	Scale Person	$54.62	15J	4V	8Y	View
Clallam	Laborers	Sloper (Over 20")	$55.62	15J	4V	8Y	View
Clallam	Laborers	Sloper Sprayer	$54.62	15J	4V	8Y	View
Clallam	Laborers	Spreader (Concrete)	$55.62	15J	4V	8Y	View
Clallam	Laborers	Stake Hopper	$54.62	15J	4V	8Y	View
Clallam	Laborers	Stock Piler	$54.62	15J	4V	8Y	View
Clallam	Laborers	Swinging Stage/Boatswain Chair	$46.29	15J	4V	8Y	View
Clallam	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	$55.62	15J	4V	8Y	View
Clallam	Laborers	Tamper (Multiple & Self-propelled)	$55.62	15J	4V	8Y	View
Clallam	Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	$55.62	15J	4V	8Y	View
Clallam	Laborers	Toolroom Person (at Jobsite)	$54.62	15J	4V	8Y	View
Clallam	Laborers	Topper	$54.62	15J	4V	8Y	View
Clallam	Laborers	Track Laborer	$54.62	15J	4V	8Y	View
Clallam	Laborers	Track Liner (Power)	$55.62	15J	4V	8Y	View
Clallam	Laborers	Traffic Control Laborer	$49.50	15J	4V	9C	View
Clallam	Laborers	Traffic Control Supervisor	$52.45	15J	4V	9C	View
Clallam	Laborers	Truck Spotter	$54.62	15J	4V	8Y	View
Clallam	Laborers	Tugger Operator	$55.62	15J	4V	8Y	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	$142.82	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	$147.85	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	$151.53	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	$157.23	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	$159.35	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	$164.45	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	$166.35	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	$168.35	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	$170.35	15J	4V	9B	View
Clallam	Laborers	Tunnel Work-Guage and Lock Tender	$57.41	15J	4V	8Y	View
Clallam	Laborers	Tunnel Work-Miner	$57.41	7A	4V	8Y	View
Clallam	Laborers	Tunnel Work-Miner	$57.41	15J	4V	8Y	View
Clallam	Laborers	Vibrator	$55.62	15J	4V	8Y	View

Clallam	Laborers	Vinyl Seamer	$54.62	15J	4V	8Y	View
Clallam	Laborers	Watchman	$42.08	15J	4V	8Y	View
Clallam	Laborers	Welder	$55.62	15J	4V	8Y	View
Clallam	Laborers	Well Point Laborer	$55.62	15J	4V	8Y	View
Clallam	Laborers	Window Washer/Cleaner	$42.08	15J	4V	8Y	View
Clallam	Laborers - Underground Sewer & Water	General Laborer & Topman	$54.62	15J	4V	8Y	View
Clallam	Laborers - Underground Sewer & Water	Pipe Layer	$55.62	15J	4V	8Y	View
Clallam	Landscape Construction	Landscape Construction/Landscaping Or Planting Laborers	$42.08	15J	4V	8Y	View
Clallam	Landscape Construction	Landscape Operator	$72.44	15J	11G	8X	View
Clallam	Landscape Maintenance	Groundskeeper	$14.49		1		View
Clallam	Lathers	Journey Level	$68.19	15J	4C		View
Clallam	Marble Setters	Journey Level	$63.32	7E	1N		View
Clallam	Metal Fabrication (In Shop)	Fitter	$15.16		1		View
Clallam	Metal Fabrication (In Shop)	Laborer	$14.49		1		View
Clallam	Metal Fabrication (In Shop)	Machine Operator	$14.49		1		View
Clallam	Metal Fabrication (In Shop)	Painter	$14.49		1		View
Clallam	Metal Fabrication (In Shop)	Welder	$15.16		1		View
Clallam	Millwright	Journey Level	$69.74	15J	4C		View
Clallam	Modular Buildings	Journey Level	$14.49		1		View
Clallam	Painters	Journey Level	$47.70	6Z	2B		View
Clallam	Pile Driver	Crew Tender	$62.69	15J	4C		View
Clallam	Pile Driver	Crew Tender/Technician	$62.69	15J	4C		View
Clallam	Pile Driver	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	$85.00	15J	4C		View
Clallam	Pile Driver	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	$90.00	15J	4C		View
Clallam	Pile Driver	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	$94.00	15J	4C		View
Clallam	Pile Driver	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	$106.50	15J	4C		View
Clallam	Pile Driver	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	$108.50	15J	4C		View
Clallam	Pile Driver	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	$110.50	15J	4C		View
Clallam	Pile Driver	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	$112.50	15J	4C		View
Clallam	Pile Driver	Journey Level	$68.64	15J	4C		View
Clallam	Plasterers	Journey Level	$64.14	7Q	1R		View
Clallam	Plasterers	Nozzleman	$67.64	7Q	1R		View
Clallam	Playground & Park Equipment	Journey Level	$14.49		1		View

	Installers						
Clallam	Plumbers & Pipefitters	Journey Level	$94.69	6Z	1G		View
Clallam	Power Equipment Operators	Asphalt Plant Operators	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Assistant Engineer	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Barrier Machine (zipper)	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Batch Plant Operator: concrete	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Boat Operator	$73.66	7A	11H	8X	View
Clallam	Power Equipment Operators	Bobcat	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Brokk - Remote Demolition Equipment	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Brooms	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Bump Cutter	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Cableways	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Chipper	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Compressor	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Concrete Finish Machine - Laser Screed	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Conveyors	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Cranes Friction: 200 tons and over	$75.90	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes, A-frame: 10 tons and under	$69.28	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	$74.40	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes: 20 tons through 44 tons with attachments	$73.01	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	$75.17	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including jib with attachments	$75.90	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	$73.66	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes: Friction cranes through 199 tons	$75.17	7A	11H	8X	View
Clallam	Power Equipment Operators	Cranes: through 19 tons with attachments, a-frame over 10 tons	$72.45	7A	11H	8X	View

Clallam	Power Equipment Operators	Crusher	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Deck Engineer/Deck Winches (power)	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Derricks, On Building Work	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Dozers D-9 & Under	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Drilling Machine	$74.39	15J	11G	8X	View
Clallam	Power Equipment Operators	Elevator and man-lift: permanent and shaft type	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Forklift: 3000 lbs and over with attachments	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Gradechecker/Stakeman	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Guardrail Punch	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Horizontal/Directional Drill Locator	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Horizontal/Directional Drill Operator	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	$72.45	7A	11H	8X	View
Clallam	Power Equipment Operators	Hydralifts/boom trucks: 10 tons and under	$69.28	7A	11H	8X	View
Clallam	Power Equipment Operators	Leverman	$75.15	15J	11G	8X	View
Clallam	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Loaders, Overhead Under 6 Yards	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Loaders, Plant Feed	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Loaders: Elevating Type Belt	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Locomotives, All	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Material Transfer Device	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Mechanics: All (Leadmen - $0.50 per hour over mechanic)	$74.39	15J	11G	8X	View
Clallam	Power Equipment Operators	Motor Patrol Graders	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	$72.44	15J	11G	8X	View

Clallam	Power Equipment Operators	Overhead, bridge type: 100 tons and over	$74.40	7A	11H	8X	View
Clallam	Power Equipment Operators	Overhead, bridge type: 45 tons through 99 tons	$73.66	7A	11H	8X	View
Clallam	Power Equipment Operators	Pavement Breaker	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Pile Driver (other Than Crane Mount)	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Posthole Digger, Mechanical	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Power Plant	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Pumps - Water	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Quad 9, Hd 41, D10 And Over	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Rigger and Bellman	$69.28	7A	11H	8X	View
Clallam	Power Equipment Operators	Rigger/Signal Person, Bellman(Certified)	$72.45	7A	11H	8X	View
Clallam	Power Equipment Operators	Rollagon	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Roller, Other Than Plant Mix	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Roto-mill, Roto-grinder	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Saws - Concrete	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Scrapers - Concrete & Carry All	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Service Engineers: Equipment	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Shotcrete/Gunite Equipment	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	$74.39	15J	11G	8X	View
Clallam	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	$75.15	15J	11G	8X	View
Clallam	Power Equipment Operators	Slipform Pavers	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Spreader, Topsider & Screedman	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Subgrader Trimmer	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Tower Bucket Elevators	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Tower Crane: over 175' through 250' in height, base to boom	$75.17	7A	11H	8X	View
Clallam	Power Equipment Operators	Tower crane: up to 175' in	$74.40	7A	11H	8X	View

		height base to boom					
Clallam	Power Equipment Operators	Tower Cranes: over 250' in height from base to boom	$75.90	7A	11H	8X	View
Clallam	Power Equipment Operators	Transporters, All Track Or Truck Type	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Trenching Machines	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators	Truck crane oiler/driver: under 100 tons	$72.45	7A	11H	8X	View
Clallam	Power Equipment Operators	Truck Mount Portable Conveyor	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators	Welder	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators	Wheel Tractors, Farmall Type	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators	Yo Yo Pay Dozer	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Asphalt Plant Operators	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Assistant Engineer	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Barrier Machine (zipper)	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Batch Plant Operator, Concrete	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Boat Operator	$73.66	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Bobcat	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Brokk - Remote Demolition Equipment	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Brooms	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Bump Cutter	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cableways	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Chipper	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Compressor	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Concrete Finish Machine - Laser Screed	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Conveyors	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes Friction: 200 tons and over	$75.90	7A	11H	8X	View
Clallam	Power Equipment Operators-	Cranes, A-frame: 10 tons and	$69.28	7A	11H	8X	View

	Underground Sewer & Water	under					
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	$74.40	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: 20 tons through 44 tons with attachments	$73.01	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: 20 tons through 44 tons with attachments	$73.01	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	$75.17	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: 300 tons and over or 300' of boom including jib with attachments	$75.90	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	$73.66	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: Friction cranes through 199 tons	$75.17	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Cranes: through 19 tons with attachments, a-frame over 10 tons	$72.45	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Crusher	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Deck Engineer/Deck Winches (power)	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Derricks, On Building Work	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Dozers D-9 & Under	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Drilling Machine	$74.39	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Elevator and man-lift: permanent and shaft type	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Forklift: 3000 lbs and over with attachments	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Forklifts: under 3000 lbs. with attachments	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Forklifts: under 3000 lbs. with attachments	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Gradechecker/Stakeman	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Guardrail Punch	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road	$73.65	15J	11G	8X	View

		Equipment 45 Yards. & Over					
Clallam	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Horizontal/Directional Drill Locator	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Horizontal/Directional Drill Operator	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Hydralifts/boom trucks: 10 tons and under	$69.28	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Hydralifts/boom trucks: over 10 tons	$72.45	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Leverman	$75.15	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Loaders, Overhead Under 6 Yards	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Loaders, Plant Feed	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Loaders: Elevating Type Belt	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Locomotives, All	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Material Transfer Device	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Mechanics: All (Leadmen - $0.50 per hour over mechanic)	$74.39	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Motor Patrol Graders	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Overhead, bridge type: 100 tons and over	$74.40	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Overhead, bridge type: 45 tons through 99 tons	$73.66	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Pavement Breaker	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Pile Driver (other Than Crane Mount)	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Posthole Digger, Mechanical	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Power Plant	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-	Pumps - Water	$69.27	15J	11G	8X	View

	Underground Sewer & Water						
Clallam	Power Equipment Operators-Underground Sewer & Water	Quad 9, Hd 41, D10 And Over	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Rigger and Bellman	$69.28	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Rigger/Signal Person, Bellman(Certified)	$72.45	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Rollagon	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Roller, Other Than Plant Mix	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Roto-mill, Roto-grinder	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Saws - Concrete	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Scrapers - Concrete & Carry All	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Shotcrete/Gunite Equipment	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	$74.39	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	$75.15	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Slipform Pavers	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Spreader, Topsider & Screedman	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Subgrader Trimmer	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Tower Bucket Elevators	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom	$75.17	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Tower crane: up to 175' in height base to boom	$74.40	7A	11H	8X	View
Clallam	Power Equipment Operators-	Tower Cranes: over 250' in	$75.90	7A	11H	8X	View

	Underground Sewer & Water	height from base to boom					
Clallam	Power Equipment Operators-Underground Sewer & Water	Transporters, All Track Or Truck Type	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Trenching Machines	$72.44	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/Driver: 100 tons and over	$73.01	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Truck crane oiler/driver: under 100 tons	$72.45	7A	11H	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Truck Mount Portable Conveyor	$73.00	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Welder	$73.65	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Wheel Tractors, Farmall Type	$69.27	15J	11G	8X	View
Clallam	Power Equipment Operators-Underground Sewer & Water	Yo Yo Pay Dozer	$73.00	15J	11G	8X	View
Clallam	Power Line Clearance Tree Trimmers	Journey Level In Charge	$57.22	5A	4A		View
Clallam	Power Line Clearance Tree Trimmers	Spray Person	$54.32	5A	4A		View
Clallam	Power Line Clearance Tree Trimmers	Tree Equipment Operator	$57.22	5A	4A		View
Clallam	Power Line Clearance Tree Trimmers	Tree Trimmer	$51.18	5A	4A		View
Clallam	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	$38.99	5A	4A		View
Clallam	Refrigeration & Air Conditioning Mechanics	Journey Level	$90.01	6Z	1G		View
Clallam	Residential Brick Mason	Journey Level	$63.32	7E	1N		View
Clallam	Residential Carpenters	Journey Level	$68.19	15J	4C		View
Clallam	Residential Cement Masons	Journey Level	$54.62	15J	4V	8Y	View
Clallam	Residential Drywall Applicators	Journey Level	$49.17	15J	4C		View
Clallam	Residential Drywall Tapers	Journey Level	$39.13		1		View
Clallam	Residential Electricians	Journey Level	$39.64		1		View
Clallam	Residential Glaziers	Journey Level	$20.00		1		View
Clallam	Residential Insulation Applicators	Journey Level	$14.86		1		View
Clallam	Residential Laborers	Journey Level	$20.00		1		View
Clallam	Residential Marble Setters	Journey Level	$63.32	7E	1N		View
Clallam	Residential Painters	Journey Level	$47.70	6Z	2B		View
Clallam	Residential Plumbers & Pipefitters	Journey Level	$55.87	5A	1G		View
Clallam	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	$55.87	5A	1G		View
Clallam	Residential Sheet Metal Workers	Journey Level	$24.80		1		View
Clallam	Residential Soft Floor Layers	Journey Level	$20.00		1		View
Clallam	Residential Sprinkler Fitters (Fire Protection)	Journey Level	$25.41		1		View
Clallam	Residential Stone Masons	Journey Level	$63.32	7E	1N		View

Clallam	Residential Terrazzo Workers	Journey Level	$14.86		1	View
Clallam	Residential Terrazzo/Tile Finishers	Journey Level	$14.86		1	View
Clallam	Residential Tile Setters	Journey Level	$20.79		1	View
Clallam	Roofers	Journey Level	$59.05	5A	3H	View
Clallam	Roofers	Using Irritable Bituminous Materials	$62.05	5A	3H	View
Clallam	Sheet Metal Workers	Journey Level (Field or Shop)	$91.83	7F	1E	View
Clallam	Shipbuilding & Ship Repair	New Construction Boilermaker	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Carpenter	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Crane Operator	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Electrician	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Heat & Frost Insulator	$82.02	15H	11C	View
Clallam	Shipbuilding & Ship Repair	New Construction Laborer	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Machinist	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Operating Engineer	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Painter	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Pipefitter	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Rigger	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Sheet Metal	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Shipfitter	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Warehouse/Teamster	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	New Construction Welder / Burner	$39.58	7V	1	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Boilermaker	$47.45	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Carpenter	$47.35	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Crane Operator	$45.06	7Y	4K	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Electrician	$48.92	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Heat & Frost Insulator	$82.02	15H	11C	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Laborer	$47.35	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Machinist	$47.35	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Operating Engineer	$45.06	7Y	4K	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Painter	$47.35	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Pipefitter	$47.35	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Rigger	$47.45	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Sheet Metal	$47.35	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Shipwright	$47.35	7X	4J	View
Clallam	Shipbuilding & Ship Repair	Ship Repair Warehouse / Teamster	$45.06	7Y	4K	View
Clallam	Sign Makers & Installers (Electrical)	Journey Level	$53.62	0	1	View
Clallam	Sign Makers & Installers (Non-Electrical)	Journey Level	$34.42	0	1	View
Clallam	Soft Floor Layers	Journey Level	$54.41	5A	3J	View

Clallam	Solar Controls For Windows	Journey Level	$14.49		1		View
Clallam	Sprinkler Fitters (Fire Protection)	Journey Level	$66.01	7J	1R		View
Clallam	Stage Rigging Mechanics (Non Structural)	Journey Level	$14.49		1		View
Clallam	Stone Masons	Journey Level	$63.32	7E	1N		View
Clallam	Street And Parking Lot Sweeper Workers	Journey Level	$16.00		1		View
Clallam	Surveyors	Assistant Construction Site Surveyor	$72.45	7A	11H	8X	View
Clallam	Surveyors	Chainman	$69.28	7A	11H	8X	View
Clallam	Surveyors	Construction Site Surveyor	$73.66	7A	11H	8X	View
Clallam	Surveyors	Drone Operator (when used in conjunction with survey work only)	$69.28	7A	11H	8X	View
Clallam	Surveyors	Ground Penetrating Radar Operator	$69.28	7A	11H	8X	View
Clallam	Telecommunication Technicians	Journey Level	$59.10	7E	1E		View
Clallam	Telephone Line Construction - Outside	Cable Splicer	$38.27	5A	2B		View
Clallam	Telephone Line Construction - Outside	Hole Digger/Ground Person	$25.66	5A	2B		View
Clallam	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	$31.96	5A	2B		View
Clallam	Telephone Line Construction - Outside	Telephone Lineperson	$36.17	5A	2B		View
Clallam	Terrazzo Workers	Journey Level	$58.71	7E	1N		View
Clallam	Tile Setters	Journey Level	$58.71	7E	1N		View
Clallam	Tile, Marble & Terrazzo Finishers	Finisher	$49.54	7E	1N		View
Clallam	Traffic Control Stripers	Journey Level	$50.51	7A	1K		View
Clallam	Truck Drivers	Asphalt Mix Over 16 Yards	$69.20	15J	11I	8L	View
Clallam	Truck Drivers	Asphalt Mix To 16 Yards	$68.36	15J	11I	8L	View
Clallam	Truck Drivers	Dump Truck	$68.36	15J	11I	8L	View
Clallam	Truck Drivers	Dump Truck & Trailer	$69.20	15J	11I	8L	View
Clallam	Truck Drivers	Other Trucks	$69.20	15J	11I	8L	View
Clallam	Truck Drivers - Ready Mix	Transit Mix	$69.20	15J	11I	8L	View
Clallam	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	$14.49		1		View
Clallam	Well Drillers & Irrigation Pump Installers	Oiler	$14.49		1		View
Clallam	Well Drillers & Irrigation Pump Installers	Well Driller	$14.49		1		View

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Overtime Codes

Overtime calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.

E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.

J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.

K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

1. O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.

P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.

R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.

U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.

W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer)) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.

Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.

Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

Overtime Codes Continued

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

   F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.

   M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.

   O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.

   R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.

   U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.

3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.

   H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.

   J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

   K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

   After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

EXCEPTION:
On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.

U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

W. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Overtime Codes Continued

4. X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Y. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. All work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay.

Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar ($1.00) per hour for all hours worked that shift.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

Z. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. Work performed on Sundays may be paid at double time. All hours worked on holidays shall be paid at double the hourly rate of wage.

11. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

C The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

Overtime Codes Continued

11. D. All hours worked on Saturdays and holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

E. The first two (2) hours after eight (8) regular hours Monday through Friday, the first ten (10) hours on Saturday, and the first ten (10) hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, and Sundays shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one-half times the hourly rate of wage for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.

H. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

Overtime Codes Continued

11. I. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.

On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.

Any shift starting between the hours of 6:00 pm and midnight shall receive an additional two dollar ($2.00) per hour for all hours worked that shift.

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).

C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).

H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).

I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).

J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).

K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).

L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).

N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.

Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).

Holiday Codes Continued

R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).

S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).

H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).

T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Holiday Codes Continued

7. F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

Holiday Codes Continued

7. W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.

X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.

Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.

G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Holiday Codes Continued

7. Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.

X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.

Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.

15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

H. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, and Christmas Day (8). When the following holidays fall on a Saturday (New Year's Day, Independence Day, and Christmas Day) the preceding Friday will be considered as the holiday; should they fall on a Sunday, the following Monday shall be considered as the holiday.

I. Holidays: New Year's Day, President's Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the last regular workday before Christmas (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

J. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

Note Codes

8. D. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $0.75, Level B: $0.50, And Level C: $0.25.

M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: $1.00, Levels C & D: $0.50.

N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $1.00, Level B: $0.75, Level C: $0.50, And Level D: $0.25.

S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: $2.00, Class B Suit: $1.50, And Class C Suit: $1.00. Workers performing underground work receive an additional $0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional $0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do "pioneer" work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional $0.50 per hour.

V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.

Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - $2.00 per foot for each foot over 50 feet. Over 101' to 150' - $3.00 per foot for each foot over 101 feet. Over 151' to 220' - $4.00 per foot for each foot over 220 feet. Over 221' - $5.00 per foot for each foot over 221 feet.

Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - $1.00 per foot from entrance. 300' to 600' - $1.50 per foot beginning at 300'. Over 600' - $2.00 per foot beginning at 600'.

W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.

Note Codes Continued

8. X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: $2.00, Class B Suit: $1.50, Class C Suit: $1.00, and Class D Suit: $0.50. Special Shift Premium: Basic hourly rate plus $2.00 per hour.

When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.

Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

Z. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

Special Shift Premium: Basic hourly rate plus $2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

9. A. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

Special Shift Premium: Basic hourly rate plus $2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid $0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

(A) – 130' to 199' – $0.50 per hour over their classification rate.
(B) – 200' to 299' – $0.80 per hour over their classification rate.
(C) – 300' and over – $1.00 per hour over their classification rate.

Note Codes Continued

9. B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $1.00, Level B: $0.75, Level C: $0.50, And Level D: $0.25.

F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

"General Decision Number: WA20210001 02/26/2021

Superseded General Decision Number: WA20200001

State: Washington

Construction Type: Highway

Counties: Washington Statewide.

HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate,if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/01/2021
1	01/22/2021
2	02/12/2021
3	**02/26/2021**

CARP0003-006 06/01/2018

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS(Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA, and WAHKIAKUM Counties.

	Rates	Fringes
Carpenters:		
CARPENTERS	$ 37.64	16.83
DIVERS TENDERS	$ 43.73	16.83
DIVERS	$ 87.73	16.83
DRYWALL	$ 37.64	16.83
MILLWRIGHTS	$ 38.17	16.83
PILEDRIVERS	$ 38.71	16.83

DEPTH PAY:
50 TO 100 FEET $1.00 PER FOOT OVER 50 FEET
101 TO 150 FEET $1.50 PER FOOT OVER 101 FEET
151 TO 200 FEET $2.00 PER FOOT OVER 151 FEET

Zone Differential (Add up Zone 1 rates):
Zone 2 - $0.85
Zone 3 - 1.25
Zone 4 - 1.70
Zone 5 - 2.00
Zone 6 - 3.00

BASEPOINTS: ASTORIA, LONGVIEW, PORTLAND, THE DALLES, AND VANCOUVER, (NOTE: All dispatches for Washington State Counties: Cowlitz, Wahkiakum and Pacific shall be from Longview Local #1707 and mileage shall be computed from that point.)

ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities
ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities
ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities
ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.
ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities
ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities

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CARP0030-004 06/01/2020

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM Counties

	Rates	Fringes
CARPENTER		
BRIDGE CARPENTERS	$ 46.92	18.02
CARPENTERS ON CREOSOTE MATERIAL	$ 47.02	18.02
CARPENTERS	$ 46.92	18.02
DIVERS TENDER	$ 51.89	18.02
DIVERS	$ 100.78	18.02
MILLWRIGHT AND MACHINE ERECTORS	$ 48.42	18.02
PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING	$ 47.17	18.02

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:	
0 -25 radius miles	Free
26-35 radius miles	$1.00/hour
36-45 radius miles	$1.15/hour
46-55 radius miles	$1.35/hour
Over 55 radius miles	$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:	
0 -25 radius miles	Free
26-45 radius miles	$ .70/hour
Over 45 radius miles	$1.50/hour

CARP0059-002 06/01/2019

ADAMS, ASOTIN, BENTON, CHELAN (East of 120th meridian), COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT (East of 120th meridian), KITTITAS (East of 120th meridian), LINCOLN, OKANOGAN (East of 120th meridian), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, and YAKIMA (East of 120th meridian) Counties

	Rates	Fringes
CARPENTER		
GROUP 1	$ 35.47	16.88
GROUP 2	$ 47.42	18.96
GROUP 3	$ 36.66	16.88
GROUP 4	$ 36.66	16.88
GROUP 5	$ 83.96	16.88
GROUP 6	$ 40.23	16.88
GROUP 7	$ 41.23	16.88
GROUP 8	$ 37.66	16.88
GROUP 9	$ 44.23	16.88

CARPENTER & DIVER CLASSIFICATIONS:

GROUP 1: Carpenter

GROUP 2: Millwright, Machine Erector

GROUP 3: Piledriver - includes driving, pulling, cutting, placing collars, setting, welding, or creosote treated material, on all piling

GROUP 4: Bridge, Dock, and Wharf carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby

GROUP 8: Assistant Diver Tender, ROV Tender/Technician

GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

ZONE 1	0-45 MILES	FREE
ZONE 2	45-100	$4.00/PER HOUR
ZONE 3	OVER 100 MILES	$6.00/PER HOUR

DISPATCH POINTS:
CARPENTERS/MILLWRIGHTS: PASCO (515 N Neel Street) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS/PILEDRIVER: SPOKANE (127 E. AUGUSTA AVE.) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: WENATCHEE (27 N. CHELAN) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: COEUR D' ALENE (1839 N. GOVERNMENT WAY) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: MOSCOW (306 N. JACKSON) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

DEPTH PAY FOR DIVERS BELOW WATER SURFACE:
50-100 feet $2.00 per foot
101-150 feet $3.00 per foot
151-220 feet $4.00 per foot
221 feet and deeper $5.00 per foot

PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:
0-25 feet Free
26-300 feet $1.00 per Foot

SATURATION DIVING:
The standby rate applies until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. the diver rate shall be paid for all saturation hours.

WORK IN COMBINATION OF CLASSIFICATIONS:
Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

HAZMAT PROJECTS:

Anyone working on a HAZMAT job (task), where HAZMAT certification is required, shall be compensated at a premium, in addition to the classification working in as follows:

LEVEL D + $.25 per hour - This is the lowest level of protection. No respirator is used and skin protection is minimal.

LEVEL C + $.50 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B + $.75 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical ""splash suit"".

LEVEL A +$1.00 per hour - This level utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line.

CARP0770-003 06/01/2020

WEST OF 120TH MERIDIAN FOR THE FOLLOWING COUNTIES:
CHELAN, DOUGLAS, GRANT, KITTITAS, OKANOGAN, and YAKIMA

	Rates	Fringes
CARPENTER		
CARPENTERS ON CREOSOTE MATERIAL	$ 47.02	18.02
CARPENTERS	$ 46.92	18.02
DIVERS TENDER	$ 51.89	18.02
DIVERS	$ 100.78	18.02
MILLWRIGHT AND MACHINE ERECTORS	$ 48.42	18.02
PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING	$ 47.17	18.02

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	$1.00/hour
36-45 radius miles	$1.15/hour
46-55 radius miles	$1.35/hour
Over 55 radius miles	$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:
0 -25 radius miles Free
26-45 radius miles $ .70/hour
Over 45 radius miles $1.50/hour

*** ELEC0046-001 02/21/2021**

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER	**$ 66.90**	**3%+23.66**
ELECTRICIAN	**$ 60.82**	**3%+23.66**

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* ELEC0048-003 01/01/2021

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 44.22	21.50
ELECTRICIAN	$ 50.35	25.48

HOURLY ZONE PAY:

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and Astoria

Zone Pay:
Zone 1: 31-50 miles $1.50/hour
Zone 2: 51-70 miles $3.50/hour
Zone 3: 71-90 miles $5.50/hour
Zone 4: Beyond 90 miles $9.00/hour

*These are not miles driven. Zones are based on Delorrne Street Atlas USA 2006 plus.

ELEC0048-029 01/01/2021

COWLITZ AND WAHKIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER	$ 44.22	21.50
ELECTRICIAN	$ 50.35	25.48

ELEC0073-001 07/01/2020

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 34.10	16.68
ELECTRICIAN	$ 37.65	19.68

ELEC0076-002 08/31/2020

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 53.15	23.81
ELECTRICIAN	$ 48.32	23.67

ELEC0112-005 06/01/2020

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA WALLA, YAKIMA COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 50.45	22.27
ELECTRICIAN	$ 48.05	22.12

ELEC0191-003 06/01/2020

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 44.23	17.73
ELECTRICIAN	$ 47.95	26.16

ELEC0191-004 06/01/2018

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 40.82	17.63
ELECTRICIAN	$ 42.45	21.34

ENGI0302-003 06/01/2020

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1A	$ 48.41	22.47
Group 1AA	$ 49.13	22.47
Group 1AAA	$ 49.83	22.47
Group 1	$ 47.70	22.47
Group 2	$ 47.08	22.47
Group 3	$ 46.55	22.47
Group 4	$ 43.54	22.47

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) - $1.00
Zone 3 (Over 45 radius miles) - $1.30

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operaor-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill,roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish mahine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class ""C"" Suit - Base wage rate plus $ .25 per hour.

H-3 Class ""B"" Suit - Base wage rate plus $ .50 per hour.

H-4 Class ""A"" Suit - Base wage rate plus $ .75 per hour.

ENGI0370-002 07/01/2019

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

ZONE 1:

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1	$ 28.46	17.25
GROUP 2	$ 28.78	17.25
GROUP 3	$ 29.39	17.25
GROUP 4	$ 29.55	17.25
GROUP 5	$ 29.71	17.25
GROUP 6	$ 29.99	17.25
GROUP 7	$ 30.26	17.25
GROUP 8	$ 31.36	17.25

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - $2.00

Zone 1: Within 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled; Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginau or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment(8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operaotr (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers)(Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Rollerman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel(under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragine; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly andSimilar); Ultra High Pressure Wateriet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead,rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)
180 ft to 250 ft $ .50 over scale
Over 250 ft $ .80 over scale

NOTE:
In computing the length of the boom on Tower Cranes, they shall be measured from the base of the Tower to the point of the boom.

HAZMAT:
Anyone working on HAZMAT jobs, working with supplied air shall receive $1.00 an hour above classification.

ENGI0612-001 06/01/2020

PIERCE County

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A	$ 49.50	22.47
GROUP 1AA	$ 50.22	22.47
GROUP 1AAA	$ 50.94	22.47
GROUP 1	$ 48.77	22.47
GROUP 2	$ 48.15	22.47
GROUP 3	$ 47.60	22.47
GROUP 4	$ 44.55	22.47

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) = $1.00
Zone 3 (Over 45 radius miles) - $1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom (including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self- propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.

2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class ""D"" Suit - Base wage rate plus $ .50 per hour.
H-2 Class ""C"" Suit - Base wage rate plus $1.00 per hour.
H-3 Class ""B"" Suit - Base wage rate plus $1.50 per hour.
H-4 Class ""A"" Suit - Base wage rate plus $2.00 per hour.

ENGI0612-012 06/01/2020

LEWIS, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A	$ 48.41	22.47
GROUP 1AA	$ 49.13	22.47
GROUP 1AAA	$ 49.83	22.47
GROUP 1	$ 47.70	22.47
GROUP 2	$ 47.08	22.47
GROUP 3	$ 46.55	22.47
GROUP 4	$ 43.54	22.47

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) = $1.00
Zone 3 (Over 45 radius miles) - $1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom (including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self- propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.

2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class ""D"" Suit - Base wage rate plus $ .50 per hour.
H-2 Class ""C"" Suit - Base wage rate plus $1.00 per hour.
H-3 Class ""B"" Suit - Base wage rate plus $1.50 per hour.
H-4 Class ""A"" Suit - Base wage rate plus $2.00 per hour.

ENGI0701-002 01/01/2018

CLARK, COWLITZ, KLICKKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

POWER RQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1	$ 41.65	14.35
GROUP 1A	$ 43.73	14.35
GROUP 1B	$ 45.82	14.35
GROUP 2	$ 39.74	14.35
GROUP 3	$ 38.59	14.35
GROUP 4	$ 37.51	14.35
GROUP 5	$ 36.27	14.35
GROUP 6	$ 33.05	14.35

Zone Differential (add to Zone 1 rates):
Zone 2 - $3.00
Zone 3 - $6.00

For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or porjects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens ""Blast Zone"" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1
Concrete Batch Plan and or Wet mix three (3) units or more; Crane, Floating one hundred and fifty (150) ton but less than two hundred and fifty (250) ton; Crane, two hundred (200) ton through two hundred ninety nine (299) ton with two hundred foot (200') boom or less (including jib, inserts and/or attachments); Crane, ninety (90) ton through one hundred ninety nine (199) ton with over two hundred (200') boom Including jib, inserts and/or attachments); Crane, Tower Crane with one hundred seventy five foot (175') tower or less and with less than two hundred foot (200') jib; Crane, Whirley ninety (90) ton and over; Helicopter when used in erecting work

Group 1A
Crane, floating two hundred fifty (250) ton and over; Crane, two hundred (200) ton through two hundred ninety nine (299) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Crane, three hundred (300) ton through three hundred ninety nine (399) ton; Crane, Tower Crane with over one hundred seventy five foot (175') tower or over two hundred foot (200') jib; Crane, tower Crane on rail system or 2nd tower or more in work radius

Group 1B

Crane, three hundred (300) ton through three hundred ninety nine (399) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Floating crane, three hundred fifty (350) ton and over; Crane, four hundred (400) ton and over

Group 2

Asphalt Plant (any type); Asphalt Roto-Mill, pavement profiler eight foot (8') lateral cut and over; Auto Grader or ""Trimmer""; Blade, Robotic; Bulldozer, Robotic Equipment (any type); Bulldozer, over one hundred twenty thousand (120,000) lbs. and above; Concrete Batch Plant and/or Wet Mix one (1) and two (2) drum; Concrete Diamond Head Profiler; Canal Trimmer; Concrete, Automatic Slip Form Paver (Assistant to the Operator required); Crane, Boom Truck fifty (50) ton and with over one hundred fifty foot (150') boom and over; Crane, Floating (derrick barge) thirty (30) ton but less than one hundred fifty (150) ton; Crane, Cableway twenty-five (25) ton and over; Crane, Floating Clamshell three (3) cu. Yds. And over; Crane, ninety (90) ton through one hundred ninety nine (199) ton up to and including two hundred foot (200') of boom (including jib inserts and/or attachments); Crane, fifty (50) ton through eighty nine (89) ton with over one hundred fifty foot (150') boom (including jib inserts and/or attachments); Crane, Whirley under ninety (90) ton; Crusher Plant; Excavator over one hundred thirty thousand (130,000) lbs.; Loader one hundred twenty thousand (120,000) lbs. and above; Remote Controlled Earth Moving Equipment; Shovel, Dragline, Clamshell, five (5) cu. Yds. And over; Underwater Equipment remote or otherwise, when used in construction work; Wheel Excavator any size

Group 3

Bulldozer, over seventy thousand (70,000) lbs. up to and including one hundred twenty thousand (120,000) lbs.; Crane, Boom Truck fifty (50) ton and over with less than one hundred fifty foot (150') boom; Crane, fifty (50) ton through eighty nine (89) ton with one hundred fifty foot (150') boom or less (including jib inserts and/or attachments); Crane, Shovel, Dragline or Clamshell three (3) cu. yds. but less than five (5) cu. Yds.; Excavator over eighty thousand (80,000) lbs. through one hundred thirty thousand (130,000) lbs.; Loader sixty thousand (60,000) lbs. and less than one hundred twenty thousand (120,000) lbs.

Group 4

Asphalt, Screed; Asphalt Paver; Asphalt Roto-Mill, pavement profiler, under eight foot (8') lateral cut; Asphalt, Material Transfer Vehicle Operator; Back Filling Machine; Backhoe, Robotic, track and wheel type up to and including twenty thousand (20,000) lbs. with any attachments; Blade (any type); Boatman; Boring Machine; Bulldozer over twenty thousand (20,000) lbs. and more than one hundred (100) horse up to seventy thousand (70,000) lbs.; Cable-Plow (any type); Cableway up to twenty five (25) ton; Cat Drill (John Henry); Chippers; Compactor, multi-engine; Compactor, Robotic; Compactor with blade self-propelled; Concrete, Breaker; Concrete, Grout Plant; Concrete, Mixer Mobile; Concrete, Paving Road Mixer; Concrete, Reinforced Tank Banding Machine; Crane, Boom Truck twenty (20) ton and under fifty (50) ton; Crane, Bridge Locomotive, Gantry and Overhead; Crane, Carry Deck; Crane, Chicago Boom and similar types; Crane, Derrick Operator, under one hundred (100) ton; Crane, Floating Clamshell, Dragline, etc. Operator, under three (3) cu. yds. Or less than thirty (30) ton; Crane, under fifty (50) ton; Crane, Quick Tower under one hundred foot (100') in height and less than one hundred fifty foot (150') jib (on rail included); Diesel-Electric Engineer (Plant or Floating); Directional Drill over twenty thousand (20,000) lbs. pullback; Drill Cat Operator; Drill Doctor and/or Bit Grinder; Driller, Percussion, Diamond, Core, Cable, Rotary and similar type; Excavator Operator over twenty thousand (20,000) lbs. through eighty thousand (80,000) lbs.; Generator Operator; Grade-all; Guardrail Machines, i.e. punch, auger, etc.; Hammer Operator (Piledriver); Hoist, stiff leg, guy derrick or similar type, fifty (50) ton and over; Hoist, two (2) drums or more; Hydro Axe (loader mounted or similar type); Jack Operator, Elevating Barges, Barge Operator, self-unloading; Loader Operator, front end and overhead, twenty five thousand (25,000) lbs. and less than sixty thousand (60,000) lbs.; Log Skidders; Piledriver Operator (not crane type); Pipe, Bending, Cleaning, Doping and Wrapping Machines; Rail, Ballast Tamper Multi-Purpose; Rubber-tired Dozers and Pushers; Scraper, all types; Side-Boom; Skip Loader, Drag Box; Strump Grinder (loader mounted or similar type); Surface Heater and Planer; Tractor, rubber-tired, over fifty (50) HP Flywheel; Trenching Machine three foot (3') depth and deeper; Tub Grinder (used for wood debris); Tunnel Boring Machine Mechanic; Tunnel, Mucking Machine; Ultra High Pressure Water Jet Cutting Tool System Operator; Vacuum Blasting Machine Operator; Water pulls, Water wagons

Group 5

Asphalt, Extrusion Machine; Asphalt, Roller (any asphalt mix); Asphalt, Roto-Mill pavement profiler ground man; Bulldozer, twenty thousand (20,000) lbs. or less, or one hundred (100) horse or less; Cement Pump; Chip Spreading Machine; Churn Drill and Earth Boring Machine; Compactor, self-propelled without blade; Compressor, (any power) one thousand two hundred fifty (1,250) cu. ft. and over, total capacity; Concrete, Batch Plant Quality control; Concrete, Combination Mixer and compressor operator, gunite work; Concrete, Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter; Concrete, Finishing Machine; Concrete, Grouting Machine; Concrete, Internal Full Slab Vibrator Operator; Concrete, Joint Machine; Concrete, Mixer single drum, any capacity; Concrete, Paving Machine eight foot (8') or less; Concrete, Planer; Concrete, Pump; Concrete, Pump Truck; Concrete, Pumpcrete Operator (any type); Concrete, Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Conveyored Material Hauler; Crane, Boom Truck under twenty (20) tons; Crane, Boom Type lifting device, five (5) ton capacity or less; Drill, Directional type less than twenty thousand (20,000) lbs. pullback; Fork Lift, over ten (10) ton or Robotic; Helicopter Hoist; Hoist Operator, single drum; Hydraulic Backhoe track type up to and including twenty thousand (20,000) lbs.; Hydraulic Backhoe wheel type (any make); Laser Screed; Loaders, rubber-tired type, less than twenty five thousand (25,000) lbs.; Pavement Grinder and/or Grooving Machine (riding type); Pipe, cast in place Pipe Laying Machine; Pulva-Mixer or similar types; Pump Operator, more than five (5) pumps (any size); Rail, Ballast Compactor, Regulator, or Tamper machines; Service Oiler (Greaser); Sweeper Self-Propelled; Tractor, Rubber-Tired, fifty (50) HP flywheel and under; Trenching Machine Operator, maximum digging capacity three foot (3') depth; Tunnel, Locomotive, Dinkey; Tunnel, Power Jumbo setting slip forms, etc.

Group 6

Asphalt, Pugmill (any type); Asphalt, Raker; Asphalt, Truck Mounted Asphalt Spreader, with Screed; Auger Oiler; Boatman; Bobcat, skid steed (less than one (1) yard); Broom, self-propelled; Compressor Operator (any power) under 1,250 cu. ft. total capacity; Concrete Curing Machine (riding type); Concrete Saw; Conveyor Operator or Assistant; Crane, Tugger; Crusher Feederman; Crusher Oiler; Deckhand; Drill, Directional Locator; Fork Lift; Grade Checker; Guardrail Punch Oiler; Hydrographic Seeder Machine, straw, pulp or seed; Hydrostatic Pump Operator; Mixer Box (CTB, dry batch, etc.); Oiler; Plant Oiler; Pump (any power); Rail, Brakeman, Switchman, Motorman; Rail, Tamping Machine, mechanical, self-propelled; Rigger; Roller grading (not asphalt); Truck, Crane Oiler-Driver

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IRON0014-005 07/01/2020

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE, STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER	$ 34.59	30.10

IRON0029-002 07/01/2020

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM COUNTIES

	Rates	Fringes
IRONWORKER	$ 39.10	29.75

IRON0086-002 07/01/2020

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER	$ 34.59	30.10

IRON0086-004 07/01/2020

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER	$ 43.95	31.00

LABO0238-004 06/01/2020

PASCO AREA: ADAMS, BENTON, COLUMBIA,DOUGLAS (East of 120th Meridian), FERRY, FRANKLIN, GRANT, OKANOGAN, WALLA WALLA

SPOKANE AREA: ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS & WHITMAN COUNTIES

	Rates	Fringes
LABORER (PASCO)		
GROUP 1	$ 26.69	13.65
GROUP 2	$ 28.79	13.65
GROUP 3	$ 29.06	13.65
GROUP 4	$ 29.33	13.65
GROUP 5	$ 29.61	13.65
LABORER (SPOKANE)		
GROUP 1	$ 26.69	13.65
GROUP 2	$ 28.79	13.65
GROUP 3	$ 29.06	13.65
GROUP 4	$ 29.33	13.65
GROUP 5	$ 29.61	13.65

Zone Differential (Add to Zone 1 rate): $2.00

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.
Zone 2: 45 radius miles and over from the main post office.

LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezcrete or similar machine,6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder, Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class ""A"" (to include

all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical ""splash suit"" and air purifying respirator); Jackhammer Operator; Miner, Class ""B"" (to include brakeman, finisher, vibrator, form setter); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi- plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spiker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)

GROUP 4: Air and Hydraulic Track Drill; Aspahlt Raker;Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Gunite (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical ""splash suit""); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class ""D"", (to include raise and shaft miner, laser beam operator on riases and shafts)

LABO0238-006 06/01/2019

COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN

	Rates	Fringes
Hod Carrier	$ 27.95	12.90

LABO0242-003 06/01/2020

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1	$ 27.78	12.35
GROUP 2A	$ 31.82	12.35
GROUP 3	$ 39.81	12.35
GROUP 4	$ 40.77	12.35
GROUP 5	$ 41.43	12.35
Group 6	$ 41.43	12.35

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $1.00
ZONE 3 - $1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2A: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical ""splash suit"" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical ""splash suit""); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

Group 6: Miner

LABO0252-010 06/01/2020

CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC (EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
LABORER		
GROUP 1	$ 27.78	12.44
GROUP 2	$ 31.82	12.44
GROUP 3	$ 39.81	12.44
GROUP 4	$ 40.77	12.44
GROUP 5	$ 41.43	12.44

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $1.00
ZONE 3 - $1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical ""splash suit"" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical ""splash suit""); Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Grade Checker and Transit Person; High Scaler; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

LABO0292-008 06/01/2020

ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES

	Rates	Fringes
LABORER		
GROUP 1	$ 27.78	12.44
GROUP 2	$ 31.82	12.44
GROUP 3	$ 39.81	12.44
GROUP 4	$ 40.77	12.44
GROUP 5	$ 41.43	12.44

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $1.00
ZONE 3 - $1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical ""splash suit"" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical ""splash suit""); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

LABO0335-001 06/01/2020

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1	$ 34.93	12.44
GROUP 2	$ 35.65	12.44
GROUP 3	$ 36.20	12.44
GROUP 4	$ 36.66	12.44
GROUP 5	$ 31.93	12.44
GROUP 6	$ 29.01	12.44
GROUP 7	$ 25.14	12.44

Zone Differential (Add to Zone 1 rates):
Zone 2 $ 0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 2.75

BASE POINTS: LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city all.
ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.
ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.
ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.
ZONE 5: More than 80 miles from the respective city hall.

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunite Nozzleman Tender; Gunite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunite Nozzleman; High Scalers, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Pwdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (pipelaying)-applicable when employee assigned to move, set up, align; Laser Beam; Tunnel Miners; Motorman-Dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

LABO0335-019 06/01/2020

	Rates	Fringes
Hod Carrier.....	$ 34.93	12.44

LABO0348-003 06/01/2020

CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES

	Rates	Fringes
LABORER		
GROUP 1	$ 23.68	12.44
GROUP 2	$ 27.17	12.44
GROUP 3	$ 29.74	12.44
GROUP 4	$ 30.46	12.44
GROUP 5	$ 30.99	12.44

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $1.00
ZONE 3 - $1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical ""splash suit"" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical ""splash suit""); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

PAIN0005-002 07/01/2020

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS	$ 31.90	17.23

PAIN0005-004 03/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
PAINTER	$ 20.82	7.44

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* PAIN0005-006 07/01/2018

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE); CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
PAINTER		
Application of Cold Tar Products, Epoxies, Polyurethanes, Acids, Radiation Resistant Material, Water and Sandblasting	$ 30.19	11.71
Over 30'/Swing Stage Work	$ 22.20	7.98
Brush, Roller, Striping, Steam-cleaning and Spray	$ 22.94	11.61
Lead Abatement, Asbestos Abatement	$ 21.50	7.98

*$.70 shall be paid over and above the basic wage rates listed for work on swing stages and high work of over 30 feet.

PAIN0055-003 07/01/2020

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller	$ 26.56	13.40
Spray and Sandblasting	$ 26.56	13.40

All high work over 60 ft. = base rate + $0.75

PAIN0055-006 03/01/2020

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT STRIPER	$ 35.87	13.40

PLAS0072-004 06/01/2020

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
ZONE 1	$ 31.30	15.53

Zone Differential (Add to Zone 1 rate): Zone 2 - $2.00

BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee
Zone 1: 0 - 45 radius miles from the main post office
Zone 2: Over 45 radius miles from the main post office

PLAS0528-001 06/01/2020

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

	Rates	Fringes
CEMENT MASON		
CEMENT MASON	$ 45.80	18.54
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE	$ 46.30	18.54
TROWELING MACHINE OPERATOR ON COMPOSITION	$ 46.30	18.54

PLAS0555-002 07/01/2019

CLARK, KLICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD	$ 37.32	18.77
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD	$ 36.58	18.77
CEMENT MASONS	$ 35.85	18.77
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS	$ 36.58	18.77

Zone Differential (Add To Zone 1 Rates):
Zone 2 - $0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall
ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.
ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.
ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.
ZONE 5: More than 80 miles from the respective city hall

TEAM0037-002 06/01/2020

CLARK, COWLITZ, KLICKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1	$ 29.33	16.40
GROUP 2	$ 29.46	16.40
GROUP 3	$ 29.60	16.40
GROUP 4	$ 29.89	16.40
GROUP 5	$ 30.03	16.40
GROUP 6	$ 30.31	16.40
GROUP 7	$ 30.53	16.40

Zone Differential (Add to Zone 1 Rates):
Zone 2 - $0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lifrt truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations there of: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts (all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane; Challenger; Dumpsters or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials on job site); Oil Distributor Driver or Leverman; Transit mix and wet or dry mix trcuks: over 5 cu. yds. and including 7 cu. yds.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom cumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains of combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck

GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

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* TEAM0174-001 06/01/2020

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE A:		
GROUP 1:	$ 42.88	20.92
GROUP 2:	$ 42.04	20.92
GROUP 3:	$ 39.23	20.92
GROUP 4:	$ 34.26	20.92
GROUP 5:	$ 42.43	20.92

ZONE B (25-45 miles from center of listed cities*): Add $.70 per hour to Zone A rates.
ZONE C (over 45 miles from centr of listed cities*): Add $1.00 per hour to Zone A rates.

*Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - ""A-frame or Hydralift"" trucks and Boom trucks or similar equipment when ""A"" frame or ""Hydralift"" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards $.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired)(when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by $2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:
LEVEL C: +$.25 per hour - This level uses an air purifying respirator or additional protective clothing.
LEVEL B: +$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical ""splash suit.""
LEVEL A: +$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

TEAM0690-004 01/01/2019

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
Truck drivers: (AREA 1: SPOKANE ZONE CENTER: Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, Okanogan, Pen Oreille, Spokane, Stevens, and Whitman Counties		
AREA 1: LEWISTON ZONE CENTER: Asotin, Columbia, and Garfield Counties		
AREA 2: PASCO ZONE CENTER: Benton, Franklin, Walla Walla and Yakima Counties)		
AREA 1:		
GROUP 1	$ 23.91	17.40
GROUP 2	$ 26.18	17.40
GROUP 3	$ 26.68	17.40
GROUP 4	$ 27.01	17.40
GROUP 5	$ 27.12	17.40
GROUP 6	$ 27.29	17.40
GROUP 7	$ 27.82	17.40
GROUP 8	$ 28.18	17.40
AREA 2:		
GROUP 1	$ 26.05	17.40
GROUP 2	$ 28.69	17.40
GROUP 3	$ 28.80	17.40
GROUP 4	$ 29.13	17.40
GROUP 5	$ 29.24	17.40
GROUP 6	$ 29.24	17.40
GROUP 7	$ 29.78	17.40
GROUP 8	$ 30.10	17.40

Zone Differential (Add to Zone 1 rate: Zone 1 + $2.00)

BASE POINTS: Spokane, Pasco, Lewiston
Zone 1: 0-45 radius miles from the main post office.
Zone 2: Outside 45 radius miles from the main post office

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Leverperson (loading trucks at bunkers); Trailer Mounted Hydro Seeder and Mulcher; Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraullic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)

GROUP 5: Dumptor (over 6 yds.); Lowboy (50 tons & under); Self- loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi- end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWs & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001- 14,000 gallons); Lowboy(over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable oeprated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in additon to the classification working in as follows:

LEVEL C-D: - $.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

LEVEL A-B: - $1.00 PER HOUR (Uses supplied air is conjunction with a chemical spash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.

NOTE:
Trucks Pulling Equipment Trailers: shall receive $.15/hour over applicable truck rate

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the

classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

FINAL PROJECT MANUAL

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PART E:

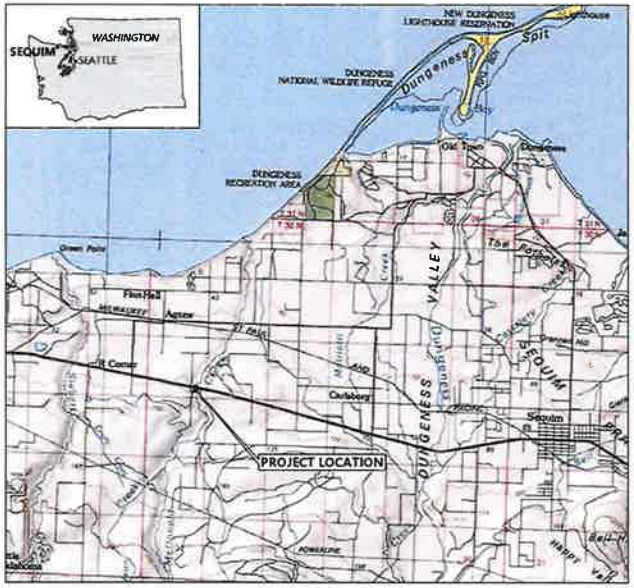
CONTRACT DRAWINGS

REVISED FINAL BID SET

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

CLALLAM COUNTY, WASHINGTON

VICINITY MAP



SITE MAP

DRAWING INDEX		
SHT #	DWG #	TITLE
1	G1	COVER SHEET
2	G2	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
3	G3	EXISTING CONDITIONS PLAN
4	G4	SURVEY CONTROL PLAN
5	T1	TEMPORARY SITE ACCESS AND STAGING PLAN
6	T2	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
7	T3	TEMPORARY EROSION AND SEDIMENT CONTROL NOTES
8	T4	TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS
9	D1	DEMOLITION PLAN
10	C1	SITE PLAN
11	C2	DIVERSION IMPROVEMENT PLAN
12	C3	MCDONALD CREEK PROFILE
13	C4	DIVERSION PIPELINE AND FISH PASSAGE PROFILES
14	C5	SECTIONS
15	C6	SECTIONS
16	C7	TYPICAL SECTIONS AND DETAILS
17	C8	DIVERSION IMPROVEMENT DETAILS
18	C9	DIVERSION IMPROVEMENT DETAILS
19	C10	CHANNEL RESTORATION DETAILS
20	C11	MISCELLANEOUS DETAILS
21	S1.0	STRUCTURAL NOTES
22	S1.1	SPECIAL INSPECTIONS
23	S1.2	CONCRETE STANDARD DETAILS
24	S2.0	FOUNDATION PLAN
25	S2.1	STEEL GRATING PLAN
26	S3.0	SECTIONS
27	S3.1	SECTIONS
28	S3.2	CONCRETE DETAILS
29	S3.3	CONCRETE DETAILS
30	S4.0	STEEL DETAILS

PROJECT DATA

PROJECT LOCATION: MCDONALD CREEK, SOUTH OF U.S. HIGHWAY 101
CLALLAM COUNTY, WASHINGTON
IN SECTIONS 18, 19, AND 20, T30N, R04W, W.M.

CONTRACTING AGENCY: REBECCA MAHAN
CLALLAM COUNTY COMMUNITY DEVELOPMENT
223 EAST 4TH STREET, SUITE 5
PORT ANGELES, WA 98362
(360) 417-2361

IRRIGATION DISTRICT: BOB YUAN
DISTRICT MANAGER
AGNEW IRRIGATION DISTRICT (AID)
(360) 460-9268

DESIGN ENGINEER: DAVID RICE, P.E., PROJECT MANAGER
ANCHOR QEA, LLC
720 OLIVE WAY, SUITE 1900
SEATTLE, WA 98101
(206) 219-5902

REVISED FINAL BID SET

PLAN INTENDED TO BE VIEWED IN COLOR. ADJACENT BLOCKS "BLUE"

ONE INCH AT FULL SIZE. IF NOT ONE INCH, SCALE ACCORDINGLY

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY J. SEXTON
DRAWN BY T. GRIGA
CHECKED BY R. MONTGOMERY
APPROVED BY D. RICE
SCALE AS NOTED
DATE MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

COVER SHEET

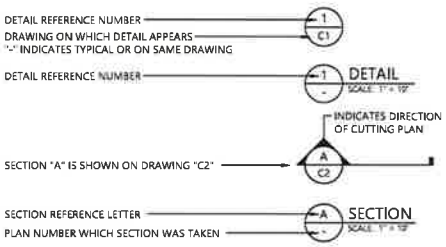
G1

SHEET # 1 OF 30

LEGEND

- SOIL
- PIPE BEDDING
- SELECT BACKFILL
- CONCRETE
- EXISTING CONTOUR (MAJOR), FROM WSDOT AND PROJECT SURVEY
- EXISTING CONTOUR (MINOR), FROM WSDOT AND PROJECT SURVEY
- PROPOSED PROJECT DESIGN CONTOUR (MAJOR)
- PROPOSED PROJECT DESIGN CONTOUR (MINOR)
- EXISTING FENCE
- CLEARING AND DISTURBANCE LIMITS
- PROPOSED PIPE (BURIED)
- PROPOSED STREAMBED COBBLES
- PROPOSED STREAMBED BOULDERS
- PROPOSED CRUSHED SURFACING
- PROPOSED GRATING
- PROPOSED PLANTING
- SURVEY CONTROL POINT
- DESIGN CONTROL POINT

DETAIL AND SECTION REFERENCING



GENERAL CONSTRUCTION NOTES

1. CONTRACT DOCUMENTS REFER TO THESE DRAWINGS, THE PROJECT SPECIFICATIONS, THE BIDDING DOCUMENTS, AND THE CONSTRUCTION CONTRACT.
2. EXCEPT AS OTHERWISE NOTED HEREIN, ALL MATERIAL AND WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE WSDOT/APWA "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION" (2021 EDITION), OTHER APPLICABLE STANDARDS, AND ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
3. THE CONTRACTOR SHALL HAVE COPIES OF THE APPROVED CONTRACT DOCUMENTS AND THE WSDOT/APWA "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION" (2021 EDITION) ON THE JOB SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR VERIFYING FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THESE CONTRACT DOCUMENTS. ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS AND THOSE OBSERVED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING AGENCY PRIOR TO PROCEEDING WITH CONSTRUCTION.
5. A PRE-CONSTRUCTION MEETING BETWEEN THE CONTRACTOR, THE CONTRACTING AGENCY, THE IRRIGATION DISTRICT, AND THE ENGINEER SHALL BE REQUIRED PRIOR TO ANY ON-SITE WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING RIGHT-OF-WAY PERMITS FROM CLALLAM COUNTY AND WSDOT PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL SUBMIT RIGHT-OF-WAY USE PERMIT APPLICATIONS AND PAY ALL APPLICABLE FEES.
7. THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED PRIOR TO COMMENCING ANY WORK ON ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
8. ALL WORK SHALL BE IN CONFORMANCE WITH EXISTING LABOR LAWS, SAFETY REQUIREMENTS, AND OTHER REGULATIONS, AS REQUIRED BY CLALLAM COUNTY, THE STATE OF WASHINGTON, AND THE FEDERAL GOVERNMENT. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THIS CONTRACT.
10. ALL MATERIALS SHALL BE NEW AND UNDAMAGED UNLESS OTHERWISE APPROVED BY THE CONTRACTING OFFICER AND ENGINEER. THE SAME MANUFACTURER OF EACH ITEM SHALL BE USED THROUGHOUT THE WORK UNLESS OTHERWISE APPROVED BY THE CONTRACTING OFFICER.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL NOT EXCAVATE OR DISTURB BEYOND THE CLEARING LIMITS SHOWN ON THE DRAWINGS UNLESS OTHERWISE APPROVED BY THE CONTRACTING OFFICER.
12. THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, ROADWAYS, DRAINAGE WAYS, CULVERTS, AND VEGETATION UNTIL SUCH ITEMS ARE TO BE DISTURBED OR REMOVED AS INDICATED ON THE CONTRACT DOCUMENTS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF PROPERTY IN AND AROUND THE PROJECT AREA. UNLESS OTHERWISE NOTED ON THESE DRAWINGS, ITEMS SUCH AS CULVERTS, FENCING, DRIVEWAYS, ETC., THAT ARE AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED FOLLOWING CONSTRUCTION. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
14. RUBBISH, DEBRIS, AND GARBAGE SHALL BE REMOVED FROM THE JOB SITE PRIOR TO ACCEPTANCE AND DISPOSED OF LEGALLY. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
15. DISTURBED AREAS SHALL BE GRADED SMOOTH AND PROTECTED AND/OR REVEGETATED AS INDICATED IN THE SPECIFICATIONS.
17. THE NOTES, DETAILS, AND SPECIFICATIONS ON THE CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
18. DIMENSION CALL-OUTS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWINGS.
19. THE CONTRACTOR SHALL MAINTAIN HAND-DRAWN REDLINES, FIELD NOTES AND PHOTOGRAPHS ("FIELD DOCUMENTATION") OF ALL IMPROVEMENTS AS THE WORK PROGRESSES. THE CONTRACTOR'S FIELD DOCUMENTATION SHALL BE MAINTAINED ON-SITE AND SHALL BE AVAILABLE FOR REVIEW BY THE ENGINEER AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE FIELD DOCUMENTATION TO THE ENGINEER FOR PREPARATION OF CERTIFIED RECORD DRAWINGS PRIOR TO PROJECT ACCEPTANCE.

STREAM RESTORATION NOTES

1. WORK IN THE MCDONALD CREEK CHANNEL SHALL BE IN ACCORDANCE WITH APPLICABLE PERMITS AND REGULATIONS. AS INDICATED IN THE HYDRAULIC PERMIT APPROVAL (HPA) FOR THE PROJECT, WORK IN THE STREAM CHANNEL BELOW THE ORDINARY HIGH WATER MARK (OHWM) MAY BEGIN **AUGUST 1** AND MUST BE COMPLETED BY **SEPTEMBER 30**.
2. WORK IN THE MCDONALD CREEK CHANNEL SHALL NOT BEGIN UNTIL THE ITEMS DESIGNATED FOR REMOVAL AND SALVAGE BY THE OWNER OR OTHERS HAVE BEEN REMOVED.
3. PLACEMENT OF STREAMBED MATERIALS SHOWN ON THESE DRAWINGS SHALL BE CONSIDERED APPROXIMATE. FINAL PLACEMENT SHALL BE FIELD DESIGNATED BY THE ENGINEER.

PIPELINE CONSTRUCTION NOTES

1. IRRIGATION PIPE SHALL BE WATERTIGHT CORRUGATED POLYETHYLENE (CPE) PIPE WITH BELL AND SPIGOT TYPE JOINTS. SEE THE SPECIFICATIONS FOR ADDITIONAL DETAILS.
2. THE CONTRACTOR SHALL INSTALL THE PIPELINE TO MATCH THE ALIGNMENT AND GRADES SHOWN ON THE PLAN AND PROFILE DRAWINGS. THE CONTRACTOR SHALL FURNISH FITTINGS OR DEFLECT THE PIPE AS ALLOWED BY THE MANUFACTURER TO MATCH THE ALIGNMENT AND GRADES SHOWN.
3. MINIMUM COVER FOR IRRIGATION PIPE SHALL BE 18 INCHES FROM TOP OF PIPE TO FINISH GRADE UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.

LOCATION OF EXISTING UTILITIES

1. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE LOCATIONS OF EXISTING UTILITIES HAVE NOT BEEN FIELD-VERIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION REQUEST CENTER (ONE-CALL CENTER) AT 811 OR 1-800-424-5555 FOR UTILITY LOCATIONS NOT LESS THAN TWO (2) BUSINESS DAYS BEFORE THE SCHEDULED DATE FOR EARTHWORK OR TRENCHING THAT MAY IMPACT EXISTING UTILITIES.
2. THE SIZE, LOCATION, AND TYPE OF UNDERGROUND UTILITIES EXPOSED OR MODIFIED BY THE CONTRACTOR SHALL BE ACCURATELY NOTED AND PLACED ON THE CONTRACTOR'S AS-BUILT DRAWINGS. SEE GENERAL CONSTRUCTION NOTE 19 FOR ADDITIONAL REQUIREMENTS RELATED TO THE CONTRACTOR'S AS-BUILT DRAWINGS AND FIELD DOCUMENTATION.

SURVEY AND BASEMAP NOTES

1. VERTICAL AND HORIZONTAL DATUM:
   - VERTICAL DATUM: NAVD88
   - HORIZONTAL DATUM: WASHINGTON STATE PLANE, NORTH ZONE, 1983 DATUM, 1991 ADJUSTMENT, FEET

   PROJECT BENCHMARKS: AS SHOWN ON DRAWING G4

   SURVEYED TOPOGRAPHY AND PROPERTY BOUNDARIES BY:
   CLARK LAND OFFICE
   P.O. BOX 2199
   SEQUIM, WA 98382
   (360) 681-2161
2. AERIAL TOPOGRAPHY: 2011 NAIP AERIAL PHOTO
3. OTHER BASEMAP DATA FROM CLALLAM COUNTY GIS DATA

ABBREVIATIONS:

'	FEET, MINUTES
"	INCHES, SECONDS
°	DEGREES
ø	DIAMETER
#	NUMBER
ACI	AMERICAN CONCRETE INSTITUTE
AID	AGNEW IRRIGATION DISTRICT
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ALT	ALTERNATE
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
CFS	CUBIC FEET PER SECOND
CONC	CONCRETE
CPE	CORRUGATED POLYTHYLENE
CPLG	COUPLING
CY	CUBIC YARDS
D, DIA	DIAMETER
DWG	DRAWING
E	EAST, EASTING
ELEV	ELEVATION
ENT	ENTRAINED
EX	EXISTING
F'C	COMPRESSIVE STRENGTH
FIPT	FEMALE IRON PIPE THREAD
FG	FINISHED GRADE
FL	FLOW LINE, FLANGE
FPS	FEET PER SECOND
FT	FEET
FY	YIELD STRENGTH
GALV	GALVANIZED
GIS	GEOGRAPHIC INFORMATION SYSTEM
HDPE	HIGH-DENSITY POLYETHYLENE
H, HOR	HORIZONTAL
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCHES
L	LENGTH
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
MIPT	MALE IRON PIPE THREAD
N	NORTH, NORTHING
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTERS
OD	OUTSIDE DIAMETER
PE	PROFESSIONAL ENGINEER
Q	FLOW RATE
R, RAD	RADIUS
REINF	REINFORCED, REINFORCEMENT
ROW	RIGHT OF WAY
S	SLOPE, SOUTH
SHT	SHEET
SST	STAINLESS STEEL
STA	STATION
SY	SQUARE YARD
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
TOW	TOP OF WALL
TYP	TYPICAL
V, VERT	VERTICAL
YR	YEAR
W	WEST, WATER
WA	WASHINGTON
W/	WITH
WSDOE	WASHINGTON STATE DEPARTMENT OF ECOLOGY
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
WSEL	WATER SURFACE ELEVATION

PLAN EXTENDED TO BE VIEWED WITH 24" x 36" PAPER BLACK & WHITE

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

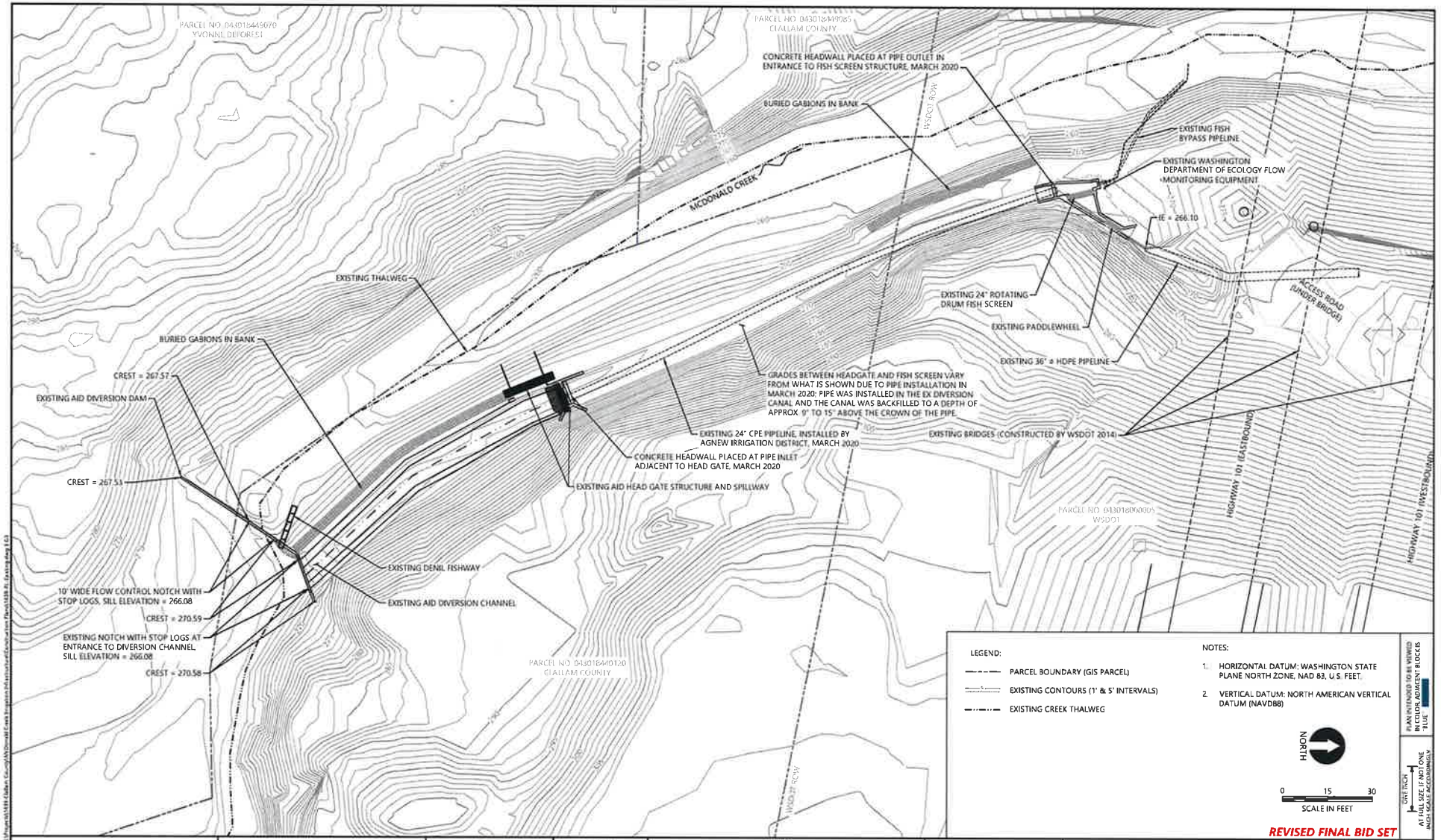
DESIGNED BY: D. RICE
DRAWN BY: T. GAEGA
CHECKED BY: R. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

GENERAL NOTES, LEGEND, AND ABBREVIATIONS

G2

SHEET # 2 OF 30



REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

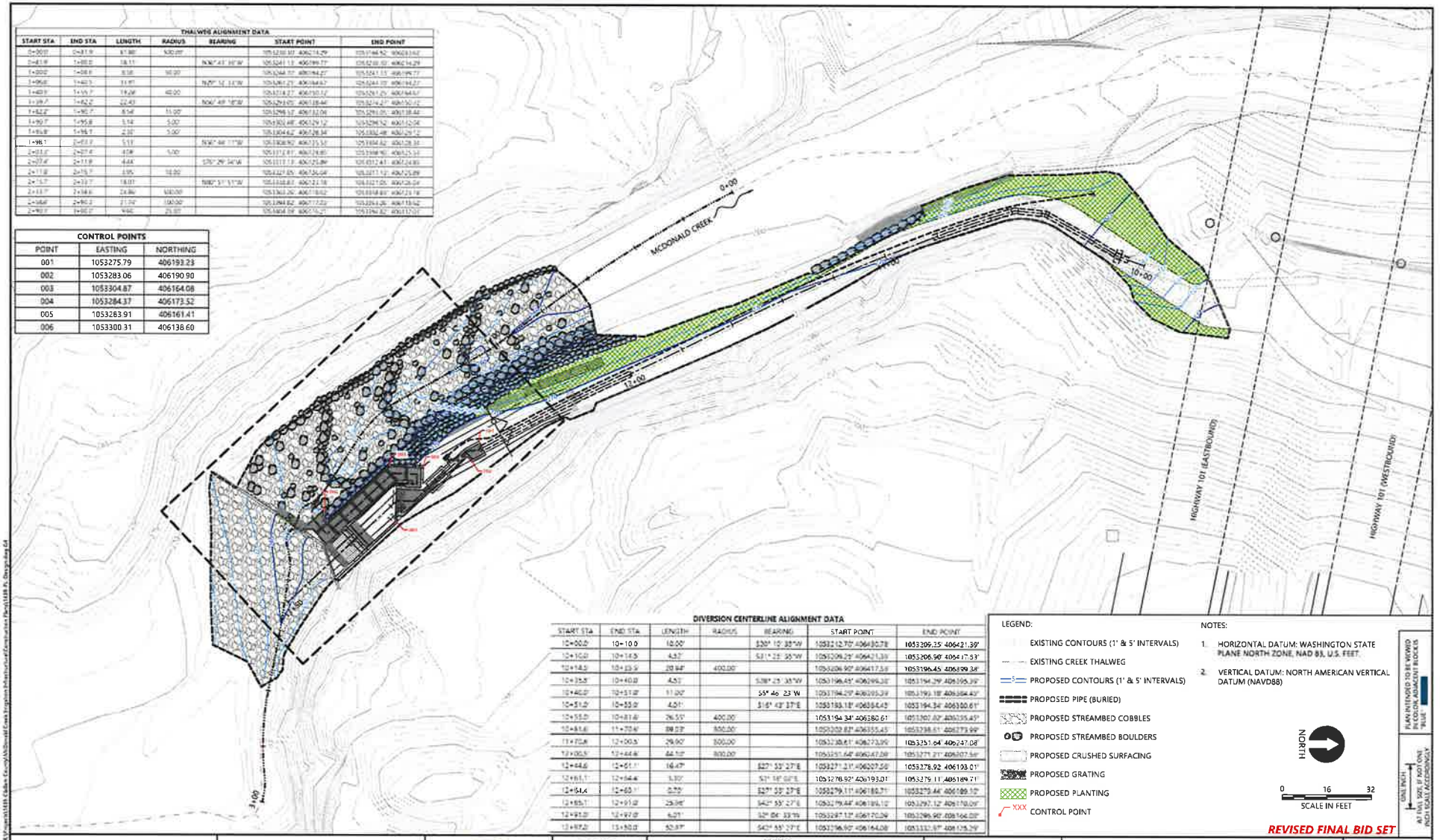
DESIGNED BY J. SEXTON
DRAWN BY T. GRIGA
CHECKED BY R. MONTGOMERY
APPROVED BY D. RICE
SCALE AS NOTED
DATE MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

EXISTING CONDITIONS PLAN

G3

SHEET # 3 OF 30



THALWEG ALIGNMENT DATA

START STA	END STA	LENGTH	RADIUS	BEARING	START POINT	END POINT
0+00.0	0+81.9	81.90'	530.00'		1053210.30', 406214.29'	1053194.92', 406283.62'
0+81.9	1+00.0	18.11'		N36° 43' 35"W	1053241.13', 406299.77'	1053210.30', 406214.29'
1+00.0	1+08.9	8.90'	30.00'		1053244.37', 406294.27'	1053241.13', 406299.77'
1+08.9	1+40.5	31.61'		N75° 12' 33"W	1053281.23', 406284.67'	1053244.37', 406294.27'
1+40.5	1+59.7	19.28'	40.00'		1053314.27', 406310.12'	1053281.23', 406284.67'
1+59.7	1+82.2	22.43'		N56° 49' 18"W	1053329.85', 406338.44'	1053314.27', 406310.12'
1+82.2	1+90.7	8.54'	55.00'		1053298.53', 406332.06'	1053291.05', 406338.44'
1+90.7	1+95.8	5.14'	5.00'		1053301.48', 406329.12'	1053298.52', 406332.06'
1+95.8	1+98.1	2.30'	5.00'		1053304.62', 406328.34'	1053301.48', 406329.12'
1+98.1	2+03.2	5.11'		N36° 44' 17"W	1053308.90', 406335.53'	1053304.62', 406328.34'
2+03.2	2+07.4	4.18'	5.00'		1053312.81', 406329.85'	1053308.90', 406335.53'
2+07.4	2+11.8	4.44'		S70° 29' 34"W	1053313.73', 406329.89'	1053312.81', 406329.85'
2+11.8	2+15.7	3.95'	10.00'		1053327.85', 406336.68'	1053321.12', 406329.89'
2+15.7	2+33.7	18.01'		N80° 51' 51"W	1053338.83', 406322.18'	1053327.85', 406336.68'
2+33.7	2+58.6	24.86'	530.00'		1053363.26', 406318.62'	1053338.83', 406322.18'
2+58.6	2+90.2	31.56'	530.00'		1053394.82', 406313.62'	1053363.26', 406318.62'
2+90.2	3+00.0	9.86'	25.00'		1053404.59', 406316.21'	1053394.82', 406313.62'

CONTROL POINTS

POINT	EASTING	NORTHING
001	1053275.79	406193.23
002	1053283.06	406190.90
003	1053304.87	406164.08
004	1053284.37	406173.52
005	1053283.91	406161.41
006	1053300.31	406138.60

DIVERSION CENTERLINE ALIGNMENT DATA

START STA	END STA	LENGTH	RADIUS	BEARING	START POINT	END POINT
10+00.0	10+10.0	10.00'		S30° 15' 35"W	1053212.70', 406430.78'	1053209.25', 406421.39'
10+10.0	10+14.5	4.53'		S31° 25' 35"W	1053209.29', 406421.39'	1053206.90', 406417.53'
10+14.5	10+33.9	20.94'	400.00'		1053206.90', 406417.53'	1053196.45', 406399.38'
10+33.9	10+40.0	6.51'		S38° 25' 35"W	1053196.45', 406396.20'	1053194.29', 406395.39'
10+40.0	10+51.0	11.00'		S5° 46' 23"W	1053194.29', 406395.39'	1053193.18', 406384.43'
10+51.0	10+55.0	4.01'		S16° 43' 37"E	1053193.18', 406384.43'	1053194.34', 406380.61'
10+55.0	10+81.6	26.55'	400.00'		1053194.34', 406380.61'	1053200.82', 406355.45'
10+81.6	11+70.6	88.93'	800.00'		1053200.82', 406355.45'	1053238.61', 406273.99'
11+70.6	12+00.5	29.90'	800.00'		1053238.61', 406273.99'	1053251.64', 406247.08'
12+00.5	12+44.6	44.10'	800.00'		1053251.64', 406247.08'	1053271.21', 406207.56'
12+44.6	12+61.1	16.47'		S27° 55' 27"E	1053271.21', 406207.56'	1053278.92', 406193.01'
12+61.1	12+64.4	3.30'		S7° 55' 27"E	1053278.92', 406193.01'	1053279.11', 406189.71'
12+64.4	12+65.1	0.73'		S27° 55' 27"E	1053279.11', 406189.71'	1053279.44', 406189.10'
12+65.1	12+91.2	26.06'		S42° 55' 27"E	1053279.44', 406189.10'	1053297.12', 406170.09'
12+91.2	12+97.0	6.01'		S2° 04' 33"W	1053297.12', 406170.09'	1053296.90', 406166.08'
12+97.0	13+50.0	52.97'		S42° 55' 27"E	1053296.90', 406166.08'	1053332.97', 406135.29'

LEGEND:

- EXISTING CONTOURS (1' & 5' INTERVALS)
- EXISTING CREEK THALWEG
- PROPOSED CONTOURS (1' & 5' INTERVALS)
- PROPOSED PIPE (BURIED)
- PROPOSED STREAMBED COBBLES
- PROPOSED STREAMBED BOULDERS
- PROPOSED CRUSHED SURFACING
- PROPOSED GRATING
- PROPOSED PLANTING
- CONTROL POINT

NOTES:

1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD88)

NORTH

0 16 32
SCALE IN FEET

PLAN INTENDED TO BE VIEWED AT 22"x34" WHEN PRINTED IN COLOR. ADJUST SCALES ACCORDINGLY IF PLOTTED IN BLACK & WHITE

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY D. RICE
DRAWN BY T. GRIGA
CHECKED BY R. MONTGOMERY
APPROVED BY D. RICE
SCALE AS NOTED
DATE MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

SURVEY CONTROL PLAN

G4

SHEET 4 OF 30

LEGEND:

- PARCEL BOUNDARY (GIS PARCEL)
- EXISTING CREEK THALWEG
- ACCESS ROUTE
- STAGING AREA

NORTH

0 60 120

SCALE IN FEET

NOTES:

1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. AERIAL BY BING MAPS.
4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE SITE AND OPTIONS FOR STAGING AND ACCESS PRIOR TO BIDDING THE PROJECT, AS REQUIRED BY THE SPECIFICATIONS.
5. AS INDICATED ON DRAWINGS T2 AND D1, THE EXISTING FISH SCREEN AND OTHER IRRIGATION INFRASTRUCTURE WILL NEED TO REMAIN IN PLACE AND FUNCTIONAL UNTIL THE IRRIGATION SEASON IS COMPLETE (SEPTEMBER 15). LIMITED ACCESS IS AVAILABLE BETWEEN THE TOP OF THE BANK AND THE EXISTING FISH SCREEN. THE CONTRACTOR SHALL PLAN FOR LIMITED ACCESS AT THIS LOCATION UNTIL THE IRRIGAITON SEASON IS COMPLETE.
6. ACCESS SOUTH OF THE EXISTING FISH SCREEN IS VERY NARROW AND IS NOT WIDE ENOUGH FOR VEHICLE TRAFFIC. TRANSPORT OF CONCRETE AND OTHER EQUIPMENT TO THE DIVERSION DAM MAY REQUIRE A SMALL EXCAVATOR, BUGGIES, OR OTHER EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY EQUIPMENT TO TRANSPORT MATERIALS TO THE LOCATIONS WHERE THOSE MATERIALS ARE TO BE PLACED WITHIN EXISTING SITE CONSTRAINTS AND THE CLEARING AND DISTURBANCE LIMITS SHOWN ON THESE DRAWINGS.

PLAN INTENDED TO BE VIEWED IN COLOR. BROWN BLOCKS IN BLUE.

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

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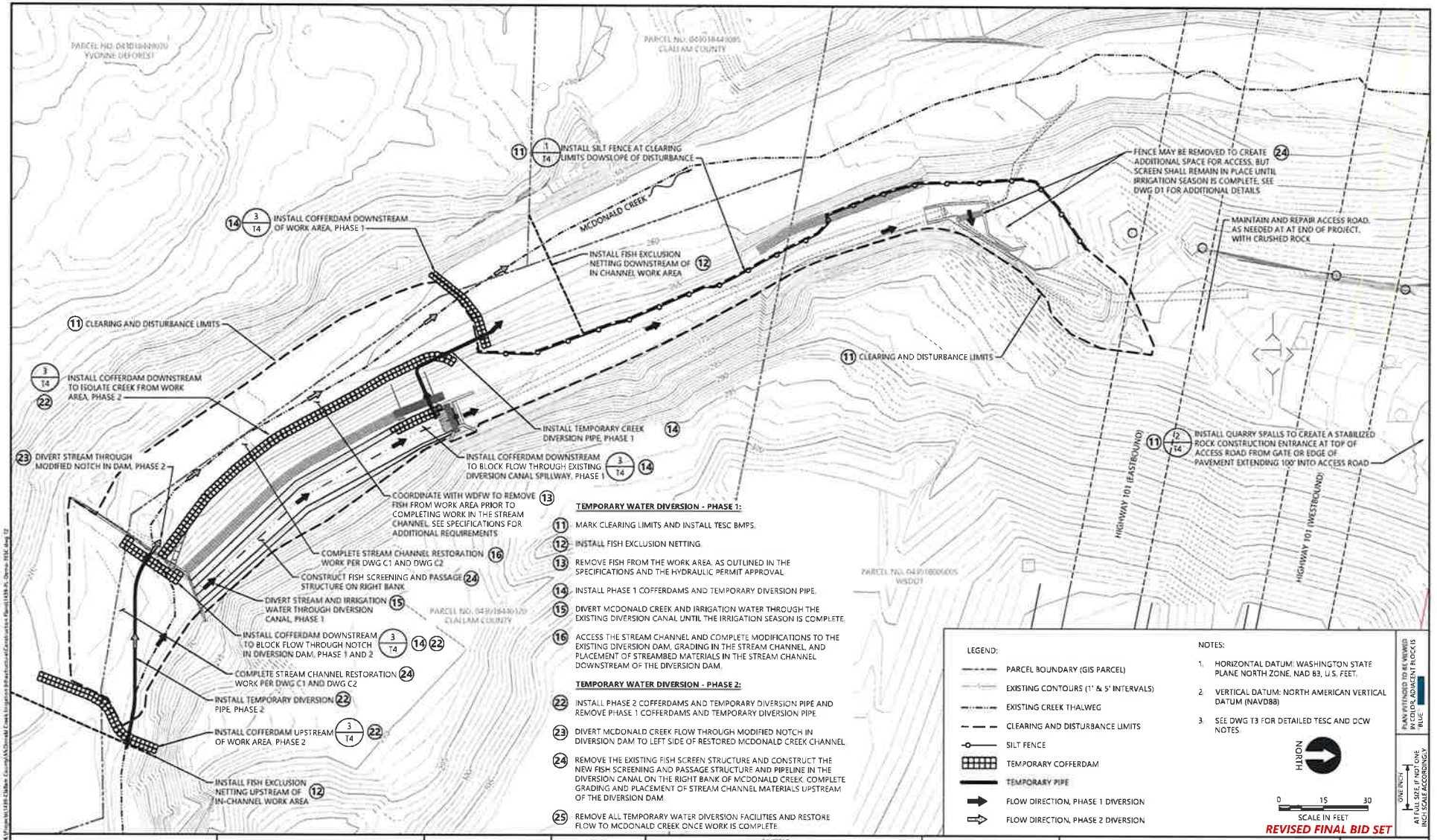
MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

TEMPORARY SITE ACCESS AND STAGING PLAN

T1

SHEET # 5 OF 30



TEMPORARY WATER DIVERSION - PHASE 1:

11 MARK CLEARING LIMITS AND INSTALL TESC BMPS.

12 INSTALL FISH EXCLUSION NETTING.

13 REMOVE FISH FROM THE WORK AREA, AS OUTLINED IN THE SPECIFICATIONS AND THE HYDRAULIC PERMIT APPROVAL.

14 INSTALL PHASE 1 COFFERDAMS AND TEMPORARY DIVERSION PIPE.

15 DIVERT MCDONALD CREEK AND IRRIGATION WATER THROUGH THE EXISTING DIVERSION CANAL UNTIL THE IRRIGATION SEASON IS COMPLETE.

16 ACCESS THE STREAM CHANNEL AND COMPLETE MODIFICATIONS TO THE EXISTING DIVERSION DAM, GRADING IN THE STREAM CHANNEL, AND PLACEMENT OF STREAMBED MATERIALS IN THE STREAM CHANNEL DOWNSTREAM OF THE DIVERSION DAM.

TEMPORARY WATER DIVERSION - PHASE 2:

22 INSTALL PHASE 2 COFFERDAMS AND TEMPORARY DIVERSION PIPE AND REMOVE PHASE 1 COFFERDAMS AND TEMPORARY DIVERSION PIPE.

23 DIVERT MCDONALD CREEK FLOW THROUGH MODIFIED NOTCH IN DIVERSION DAM TO LEFT SIDE OF RESTORED MCDONALD CREEK CHANNEL.

24 REMOVE THE EXISTING FISH SCREEN STRUCTURE AND CONSTRUCT THE NEW FISH SCREENING AND PASSAGE STRUCTURE AND PIPELINE IN THE DIVERSION CANAL ON THE RIGHT BANK OF MCDONALD CREEK. COMPLETE GRADING AND PLACEMENT OF STREAM CHANNEL MATERIALS UPSTREAM OF THE DIVERSION DAM.

25 REMOVE ALL TEMPORARY WATER DIVERSION FACILITIES AND RESTORE FLOW TO MCDONALD CREEK ONCE WORK IS COMPLETE.

LEGEND:

- PARCEL BOUNDARY (GIS PARCEL)
- EXISTING CONTOURS (1' & 5' INTERVALS)
- EXISTING CREEK THALWEG
- CLEARING AND DISTURBANCE LIMITS
- SILT FENCE
- TEMPORARY COFFERDAM
- TEMPORARY PIPE
- FLOW DIRECTION, PHASE 1 DIVERSION
- FLOW DIRECTION, PHASE 2 DIVERSION

NOTES:

1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. SEE DWG T3 FOR DETAILED TESC AND DCW NOTES.

NORTH

0 15 30
SCALE IN FEET

REVISED FINAL BID SET

PLAN REVISIONS TO BE SHOWN IN COLOR, ADJACENT BLOCKS IN BLUE

ONE INCH AT FULL SIZE IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

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MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

TESC AND TEMPORARY DIVERSION PLAN

T2

SHEET # 6 OF 30

Mar 01, 2023 1:15pm dave

GENERAL TESC NOTES:

1. THE IMPLEMENTATION OF THESE TESC DRAWINGS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.

2. THE CLEARING LIMIT BOUNDARIES SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.

3. THE TESC FACILITIES SHOWN ON THESE DRAWINGS MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT ENTER MCDONALD CREEK.

4. THE TESC FACILITIES SHOWN ON THESE DRAWINGS ARE THE MINIMUM RECOMMENDED MEASURES FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED OR AUGMENTED BY OTHER MEASURES AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.

5. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED, REPAIRED, OR AUGMENTED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.

6. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT AT THE ENTRANCE TO THE ACCESS ROAD TO THE SITE FROM US HIGHWAY 101. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ADJACENT TO THE PROJECT SITE ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

7. FROM OCTOBER 1 THROUGH APRIL 30, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 2 DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 7 DAYS. SOILS SHALL BE STABILIZED AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. THESE STABILIZATION REQUIREMENTS APPLY TO ALL SOILS ON SITE, WHETHER AT FINAL GRADE OR NOT. THE CONTRACTING AGENCY'S REPRESENTATIVE MAY ADJUST THESE TIME LIMITS IF IT CAN BE SHOWN THAT A DEVELOPMENT SITE'S EROSION OR RUNOFF POTENTIAL JUSTIFIES A DIFFERENT STANDARD.

8. FROM OCTOBER 1 THROUGH APRIL 30, CLEARING, GRADING, AND OTHER SOIL-DISTURBING ACTIVITIES SHALL ONLY BE PERMITTED IF SHOWN TO THE SATISFACTION OF THE LOCAL PERMITTING AUTHORITY THAT THE TRANSPORT OF SEDIMENT FROM THE CONSTRUCTION SITE TO RECEIVING WATERS WILL BE PREVENTED.

9. SOIL AND OTHER STOCKPILES MUST BE STABILIZED AND PROTECTED WITH SEDIMENT-TRAPPING MEASURES.

PROJECT SPECIFIC TESC NOTES:

1. THESE TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN DRAWINGS SHOWN ARE CONCEPTUAL. THE CONTRACTOR IS REQUIRED TO SUBMIT A CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (CSWPPP) NARRATIVE WITH PROPOSED TESC PLANS (OR REVISIONS TO THE PLANS PROVIDED) TO DEMONSTRATE THE BMPS THE CONTRACTOR PLANS TO FURNISH, INSTALL, AND MAINTAIN THROUGHOUT CONSTRUCTION TO PREVENT EROSION AND TRANSPORT OF SEDIMENT TO MCDONALD CREEK. THE CSWPPP SHALL BE SUBMITTED TO THE CONTRACTING OFFICER AND CLALLAM COUNTY FOR APPROVAL IN ACCORDANCE WITH THE SPECIFICATIONS.

2. THE CONTRACTOR IS RESPONSIBLE FOR THE CARE AND DIVERSION OF WATER DURING CONSTRUCTION IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL WATER QUALITY STANDARDS AND PROJECT PERMIT REQUIREMENTS. SEE THE DIVERSION AND CARE OF WATER NOTES ON THIS DRAWING FOR ADDITIONAL REQUIREMENTS AND INFORMATION.

3. THE CONTRACTOR SHALL ENSURE NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT ANY CEMENT CONCRETE OR BY-PRODUCTS, ASPHALT CONCRETE OR BYPRODUCTS, OR ANY DISCHARGE FROM SAW CUTTING AND PLANING FROM BEING DISCHARGED INTO ANY STORM DRAIN OR SURFACE WATER SYSTEM.

CONSTRUCTION SEQUENCE:

1. SCHEDULE AND CONDUCT A PRE-CONSTRUCTION CONFERENCE WITH THE CONTRACTING AGENCY'S REPRESENTATIVE AND INSPECTOR, THE OWNER, THE ENGINEER, THE CONTRACTOR, THE CONTRACTOR'S CERTIFIED EROSION AND SEDIMENT CONTROL LEAD, SUB-CONTRACTOR SUPERINTENDENTS, AND LOCAL JURISDICTION REPRESENTATIVES. THIS MEETING SHALL BE HELD A MINIMUM OF 48 HOURS PRIOR TO THE START OF WORK.
2. FLAG CLEARING LIMITS AND EXISTING TREES AND BUSHES TO REMAIN.
3. CONSTRUCT THE STABILIZED CONSTRUCTION ENTRANCE.
4. INSTALL SILT FENCES.
5. INSTALL TEMPORARY PHASE 1 DIVERSION FACILITIES NEEDED TO CONVEY MCDONALD CREEK THROUGH THE PROJECT SITE DURING CONSTRUCTION AND MAINTAIN IRRIGATION WATER SUPPLY TO AID THROUGH THE IRRIGATION SEASON (THROUGH SEPTEMBER 15).
6. COMPLETE CLEARING AND DEMOLITION, EXCEPT FOR DEMOLITION OF THE EXISTING FISH SCREEN AND OTHER IRRIGATION INFRASTRUCTURE. DEMOLITION OF THE FISH SCREEN AND OTHER IRRIGATION INFRASTRUCTURE SHALL NOT BE COMPLETED UNTIL AFTER THE IRRIGATION SEASON IS COMPLETE (SEPTEMBER 15).
7. COMPLETE CONSTRUCTION OF STREAM CHANNEL IMPROVEMENTS BELOW THE ORDINARY HIGH WATER MARK, INCLUDING MODIFICATIONS TO THE DIVERSION DAM AND STREAM CHANNEL RESTORATION.
8. ONCE THE IRRIGATION SEASON IS COMPLETE, MODIFY TEMPORARY DIVERSION FACILITIES TO REFLECT PHASE 2 OF THE TEMPORARY DIVERSION AND CONTROL OF WATER PLAN SHOWN IN DRAWING T2.
9. COMPLETE THE REMAINING WORK BELOW THE ORIDINARY HIGH WATER MARK BEFORE THE IN-WATER WORK WINDOW CLOSES (ON SEPTEMBER 30), IS INDICATED IN THE APPROVED HPA, INCLUDING STREAM CHANNEL RESTORATION UPSTREAM OF THE DIVERSION DAM AND CONSTRUCTION OF THE FISH SCREENING AND PASSAGE STRUCTURE ON THE RIGHT BANK OF MCDONALD CREEK.
10. BACKFILL AGAINST THE STREAM PASSAGE STRUCTURE AND DIVERSION DAM AND PLACE REMAINING BANK ARMORING.
11. COMPLETE CONSTRUCTION OF THE IRRIGATION PIPELINE.
12. PLACE ADDITIONAL FILL AND CRUSHED SURFACING OVER THE IRRIGATION PIPELINE.
13. DURING CONSTRUCTION, MAINTAIN AND UPGRADE TESC BMPS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE.
14. AFTER EARTHWORK AND GRADING ARE COMPLETE, STABILIZE EXPOSED SOILS BY SEEDING OR PLANTING.
15. REMOVE TESC BMPS AND TEMPORARY WATER DIVERSION AND WATER SUPPLY FACILITIES.

TEMPORARY DIVERSION AND CARE OF WATER:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLING AND MAINTAINING TEMPORARY DIVERSION FACILITIES TO CONVEY MCDONALD CREEK THROUGH THE PROJECT SITE.
2. THE TEMPORARY DIVERSION AND CONTROL OF WATER PLAN SHOWN ON DRAWING T2 IS CONCEPTUAL. THE CONTRACTOR IS REQUIRED TO SUBMIT A PROPOSED DIVERSION AND CONTROL OF WATER PLAN TO THE CONTRACTING AGENCY, AS OUTLINED IN THE SPECIFICATIONS.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONVEYING THE FULL RANGE OF FLOWS THAT CAN BE EXPECTED IN MCDONALD CREEK THROUGH THE SITE WHILE THE DIVERSION IS IN OPERATION.
4. THE FOLLOWING FLOW STATISTICS ARE PROVIDED FOR MCDONALD CREEK FOR THE CONTRACTOR'S INFORMATION:

4.1.	MINIMUM FLOW:	0.1 CFS
4.2.	MAXIMUM RECORDED FLOW:	2,820 CFS
4.3.	AVERAGE ANNUAL FLOW :	18 CFS
4.4.	TYPICAL HIGH FLOW (10% EXCEEDANCE):	38 CFS
4.5.	TYPICAL LOW FLOW (90% EXCEEDANCE):	2.7 CFS
4.6.	ESTIMATED 100-YEAR FLOW:	4,221 CFS

5. THE CONTRACTOR SHALL REMOVE ANY FISH FROM THE WORK AREA PRIOR TO COMPLETING THE WORK, AS REQUIRED BY THE SPECIFICATIONS, AS OUTLINED IN THE APPROVED FISH REMOVAL PLAN, AND AS COORDINATED WITH WDFW.
6. THE CONTRACTOR'S TEMPORARY DIVERSION FACILITIES SHALL BE SCREENED TO EXCLUDE FISH FROM THE WORK AREA AND SHALL COMPLY WITH ALL APPLICABLE PERMIT REQUIREMENTS.
7. THE CONTRACTOR'S TEMPORARY DIVERSION FACILITIES SHALL ACCOMMODATE CONTINUOUS DIVERSION OF WATER TO AGNEW IRRIGATION DISTRICT AND MAINTAIN CONTINUOUS FLOW DOWNSTREAM OF THE PROJECT AREA, AS OUTLINED BELOW UNDER "TEMPORARY IRRIGATION WATER SUPPLY".

TEMPORARY IRRIGATION WATER SUPPLY:

1. THE CONTRACTOR'S ATTENTION IS CALLED TO THE NEED TO MAINTAIN WATER SUPPLY TO THE AGNEW IRRIGATION DISTRICT DELIVERY SYSTEM THROUGHOUT THE IRRIGATION SEASON, FROM APRIL 15 THROUGH SEPTEMBER 15. DUE TO THE OVERLAP BETWEEN THE PERMITTED IN-WATER WORK WINDOW (AUGUST 1 THROUGH SEPTEMBER 30) AND THE IRRIGATION SEASON, IT IS ANTICIPATED THAT THE CONTRACTOR WILL NEED TO PROVIDE TEMPORARY PIPING AND CAREFULLY SEQUENCE CONSTRUCTION TO DELIVER MCDONALD CREEK WATER TO THE AGNEW IRRIGATION DISTRICT IRRIGATION DELIVERY SYSTEM DURING CONSTRUCTION, UNTIL THE IRRIGATION SEASON IS COMPLETE.
2. DRAWING T2 PROVIDES A CONCEPTUAL DIVERSION AND CONTROL OF WATER PLAN AND SEQUENCE THAT WOULD MAINTAIN GRAVITY DIVERSIONS TO AGNEW IRRIGATION DISTRICT THROUGH THE END OF THE IRRIGATION SEASON. THE PLAN SHOWN ON DRAWING T2 IS INTENDED TO BE CONCEPTUAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DIVERSION AND CONTROL OF WATER, AS NEEDED TO FACILITATE THE WORK AND MAINTAIN WATER SUPPLY FOR IRRIGATION TO AGNEW IRRIGATION DISTRICT THROUGH THE IRRIGATION SEASON. THE CONTRACTOR SHALL SUBMIT A REVISED DIVERSION AND CONTROL OF WATER PLAN FOR REVIEW AND APPROVAL BY CLALLAM COUNTY AND AGNEW IRRIGATION DISTRICT PRIOR TO COMPLETING ANY WORK TO DEMONSTRATE THAT WATER SUPPLY CAN BE MAINTAINED TO AGNEW IRRIGATION DISTRICT THROUGHOUT THE IRRIGATION SEASON. TEMPORARY PUMPING MAY BE AN OPTION, BUT WOULD REQUIRE 24-HOUR PER DAY MANAGEMENT TO ENSURE THAT IRRIGATION WATER SUPPLY IS MAINTAINED AND THAT THE CREEK IS DIVERTED IN A WAY THAT PROTECTS FISH.
4. THE CONTRACTOR'S TEMPORARY DIVERSION AND IRRIGATION WATER SUPPLY FACILITIES SHALL BE MANAGED SO THAT EXCESS WATER IN THE DIVERSION CANAL CAN SPILL SAFELY BACK TO MCDONALD CREEK.
5. TEMPORARY WATER SUPPLY FACILITIES SHALL BE SCREENED TO EXCLUDE FISH AND SHALL COMPLY WITH ALL APPLICABLE PERMIT REQUIREMENTS.

PLAN DETAILED TO BE PRINTED IN COLOR. ALWAYS PRINT BLUE

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

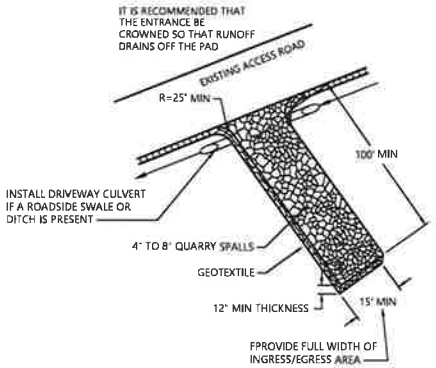
DESIGNED BY: D. RICE
DRAWN BY: T. GARZA
CHECKED BY: B. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

TESC AND TEMPORARY DIVERSION NOTES

T3

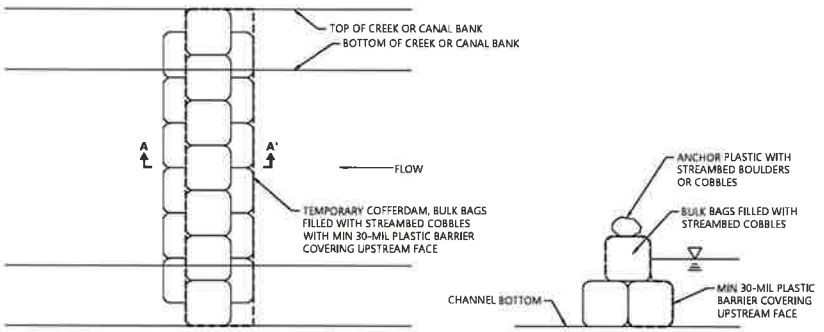
SHEET # 7 OF 30



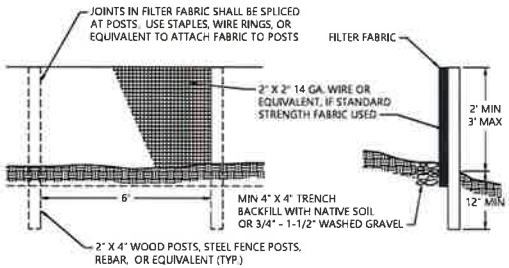
1/T2 STABLIZED CONSTRUCTION ENTRANCE
SCALE: NTS

STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE STANDARDS:

1. QUARRY SPALLS (OR HOG FUEL) SHALL BE ADDED IF THE PAD IS NO LONGER IN ACCORDANCE WITH THE SPECIFICATIONS.
2. IF THE ENTRANCE IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, THEN ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING. AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH. IF WASHING IS USED, IT SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK, ASPHALT OR CONCRETE AND WASH WATER SHALL DRAIN TO A SEDIMENT TRAP OR POND. WHEEL WASH WASTEWATER SHOULD NOT BE COMMINGLED WITH STORM WATER OR DISCHARGED TO THE STORM WATER TREATMENT SYSTEM.
3. ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED IMMEDIATELY BY SWEEPING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THERE IS A THREAT TO PUBLIC SAFETY. IF IT IS NECESSARY TO WASH THE STREETS, THE CONSTRUCTION OF A SMALL SUMP SHALL BE CONSIDERED. THE SEDIMENT WOULD THEN BE WASHED INTO THE SUMP WHERE IT CAN BE CONTROLLED.
4. ANY QUARRY SPALLS THAT ARE LOOSENED FROM THE PAD AND END UP ON THE ROADWAY SHALL BE REMOVED IMMEDIATELY.
5. IF VEHICLES ARE ENTERING OR EXITING THE SITE AT POINTS OTHER THAN THE CONSTRUCTION ENTRANCE(S), FENCING SHALL BE INSTALLED TO CONTROL TRAFFIC.



3/T2 TEMPORARY COFFERDAM
SCALE: NTS



MAINTENANCE STANDARDS:

1. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
2. IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT TRAP OR POND.
3. IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE OR REMOVE THE TRAPPED SEDIMENT.
4. SEDIMENT MUST BE REMOVED WHEN THE SEDIMENT IS 6 INCHES HIGH.
5. IF THE FILTER FABRIC (GEOTEXTILE) HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.

2/T2 SILT FENCE
SCALE: NTS

FILTER FABRIC FENCE INSTALLATION:

1. FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.
2. MAXIMUM SLOPE STEEPNESS (NORMAL (PERPENDICULAR) TO FENCE LINE) 1H:1V.
3. MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE FENCE 100 FEET.
4. NO CONCENTRATED FLOWS GREATER THAN 0.5 CFS.
5. FABRIC SHALL BE MIRAFI 100X OR EQUIVALENT. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST.
6. POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 18 INCHES. A MINIMUM DEPTH OF 12 INCHES IS ALLOWED IF TOPSOIL OR OTHER SOFT SOIL IS NOT PRESENT AND A MINIMUM DEPTH OF 18 INCHES CANNOT BE REACHED. FENCE POST DEPTHS SHALL BE INCREASED BY 6 INCHES IF THE FENCE IS LOCATED ON SLOPES OF 3:1 OR STEEPER.
7. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. THE TRENCH SHALL BE CONSTRUCTED TO FOLLOW THE CONTOUR.
8. A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
9. THE FILTER FABRIC SHALL BE WIRED TO THE FENCE, AND 4 INCHES OF THE FABRIC SHALL EXTEND INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
10. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES. OTHER TYPES OF FABRIC MAY BE STAPLED TO THE FENCE.

PLAN INTENDED TO BE VIEWED AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY
ONE INCH
PLAN INTENDED TO BE VIEWED IN COLOR. ASBUILT REDLINES IN BLUE

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: D. RICE
DRAWN BY: T. GRIGA
CHECKED BY: R. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

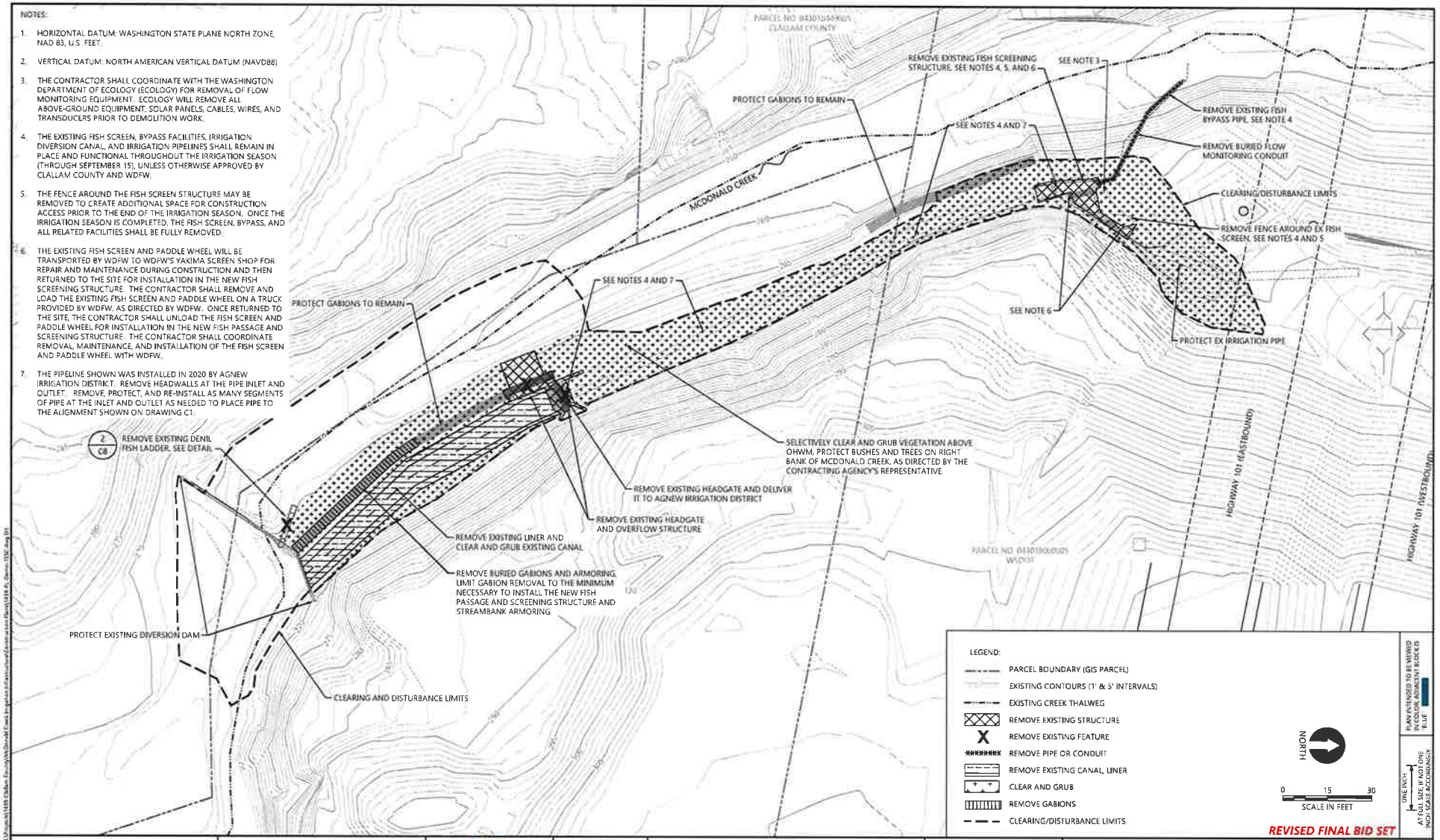
TESC AND TEMPORARY DIVERSION DETAILS

T4

SHEET # 8 OF 30

NOTES:

1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. THE CONTRACTOR SHALL COORDINATE WITH THE WASHINGTON DEPARTMENT OF ECOLOGY (ECOLOGY) FOR REMOVAL OF FLOW MONITORING EQUIPMENT. ECOLOGY WILL REMOVE ALL ABOVE-GROUND EQUIPMENT, SOLAR PANELS, CABLES, WIRES, AND TRANSDUCERS PRIOR TO DEMOLITION WORK.
4. THE EXISTING FISH SCREEN, BYPASS FACILITIES, IRRIGATION DIVERSION CANAL, AND IRRIGATION PIPELINES SHALL REMAIN IN PLACE AND FUNCTIONAL THROUGHOUT THE IRRIGATION SEASON (THROUGH SEPTEMBER 15), UNLESS OTHERWISE APPROVED BY CLALLAM COUNTY AND WDFW.
5. THE FENCE AROUND THE FISH SCREEN STRUCTURE MAY BE REMOVED TO CREATE ADDITIONAL SPACE FOR CONSTRUCTION ACCESS PRIOR TO THE END OF THE IRRIGATION SEASON. ONCE THE IRRIGATION SEASON IS COMPLETED, THE FISH SCREEN, BYPASS, AND ALL RELATED FACILITIES SHALL BE FULLY REMOVED.
6. THE EXISTING FISH SCREEN AND PADDLE WHEEL WILL BE TRANSPORTED BY WDFW TO WDFW'S YAKIMA SCREEN SHOP FOR REPAIR AND MAINTENANCE DURING CONSTRUCTION AND THEN RETURNED TO THE SITE FOR INSTALLATION IN THE NEW FISH SCREENING STRUCTURE. THE CONTRACTOR SHALL REMOVE AND LOAD THE EXISTING FISH SCREEN AND PADDLE WHEEL ON A TRUCK PROVIDED BY WDFW, AS DIRECTED BY WDFW. ONCE RETURNED TO THE SITE, THE CONTRACTOR SHALL UNLOAD THE FISH SCREEN AND PADDLE WHEEL FOR INSTALLATION IN THE NEW FISH PASSAGE AND SCREENING STRUCTURE. THE CONTRACTOR SHALL COORDINATE REMOVAL, MAINTENANCE, AND INSTALLATION OF THE FISH SCREEN AND PADDLE WHEEL WITH WDFW.
7. THE PIPELINE SHOWN WAS INSTALLED IN 2020 BY AGNEW IRRIGATION DISTRICT. REMOVE HEADWALLS AT THE PIPE INLET AND OUTLET. REMOVE, PROTECT, AND RE-INSTALL AS MANY SEGMENTS OF PIPE AT THE INLET AND OUTLET AS NEEDED TO PLACE PIPE TO THE ALIGNMENT SHOWN ON DRAWING C1.



REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY D. RICE
DRAWN BY T. GRIGA
CHECKED BY B. MONTGOMERY
APPROVED BY D. RICE
SCALE AS NOTED
DATE MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

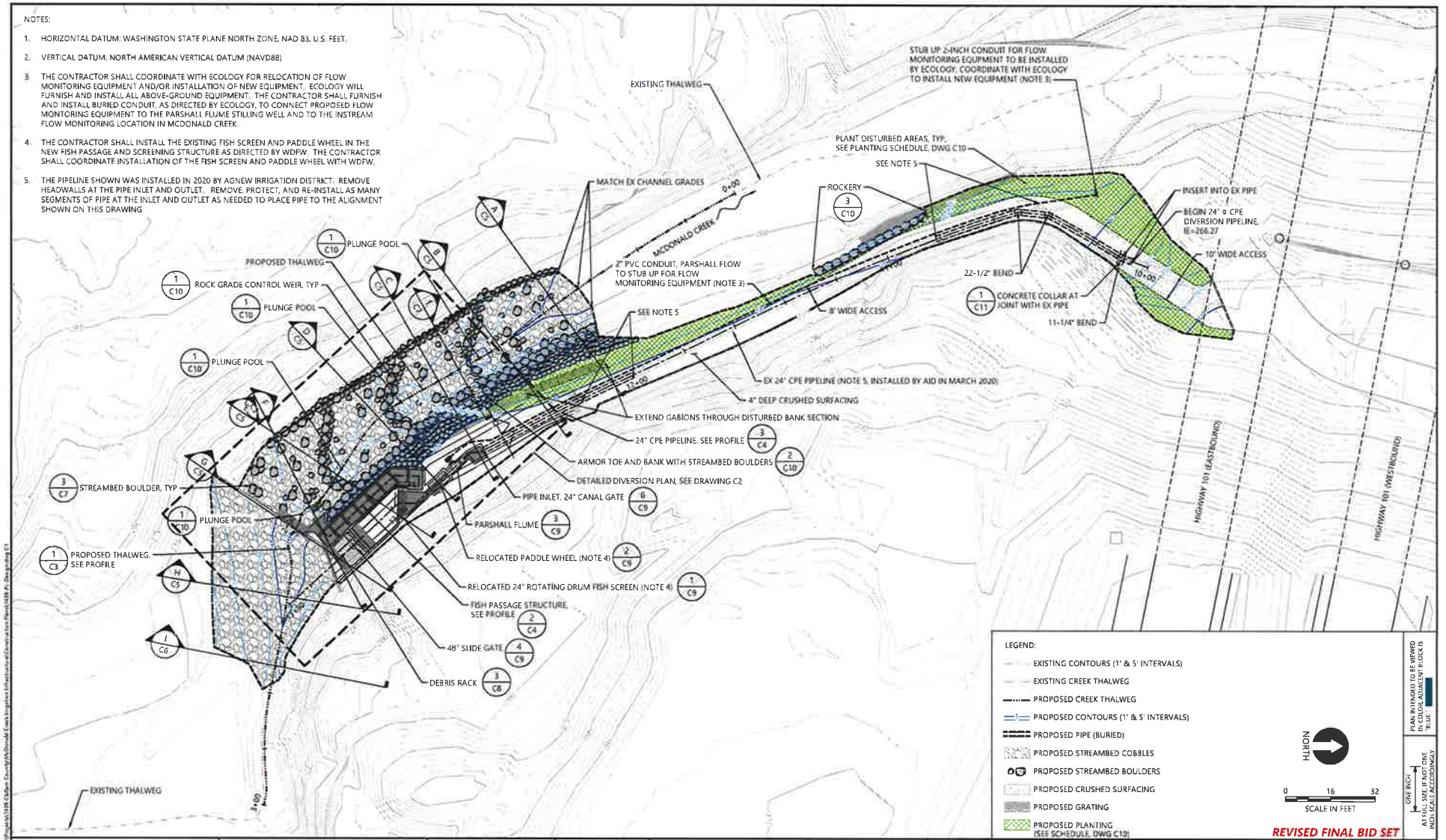
DEMOLITION PLAN

D1

SHEET # 9 OF 30

NOTES:

1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. THE CONTRACTOR SHALL COORDINATE WITH ECOLOGY FOR RELOCATION OF FLOW MONITORING EQUIPMENT AND/OR INSTALLATION OF NEW EQUIPMENT. ECOLOGY WILL FURNISH AND INSTALL ALL ABOVE-GROUND EQUIPMENT. THE CONTRACTOR SHALL FURNISH AND INSTALL BURIED CONDUIT, AS DIRECTED BY ECOLOGY, TO CONNECT PROPOSED FLOW MONITORING EQUIPMENT TO THE PARSHALL FLUME STILLING WELL AND TO THE INSTREAM FLOW MONITORING LOCATION IN MCDONALD CREEK.
4. THE CONTRACTOR SHALL INSTALL THE EXISTING FISH SCREEN AND PADDLE WHEEL IN THE NEW FISH PASSAGE AND SCREENING STRUCTURE AS DIRECTED BY WDFW. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF THE FISH SCREEN AND PADDLE WHEEL WITH WDFW.
5. THE PIPELINE SHOWN WAS INSTALLED IN 2020 BY AGNEW IRRIGATION DISTRICT. REMOVE HEADWALLS AT THE PIPE INLET AND OUTLET. REMOVE, PROTECT, AND RE-INSTALL AS MANY SEGMENTS OF PIPE AT THE INLET AND OUTLET AS NEEDED TO PLACE PIPE TO THE ALIGNMENT SHOWN ON THIS DRAWING.



ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

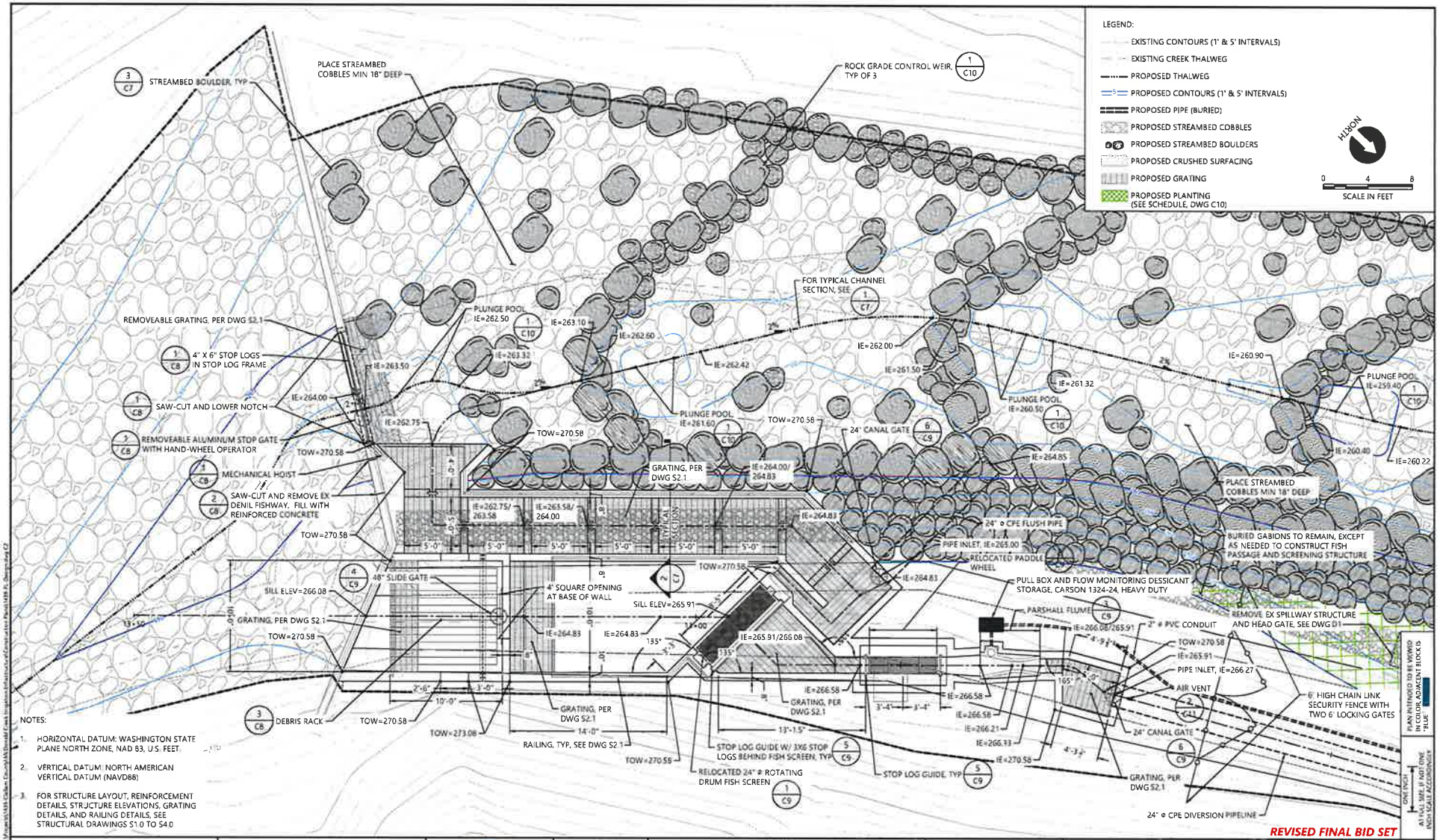
DESIGNED BY D. RICE
DRAWN BY T. GRIGA
CHECKED BY B. MONTGOMERY
APPROVED BY D. RICE
SCALE AS NOTED
DATE MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

SITE PLAN

C1

SHEET # 10 OF 30



NOTES:

1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. FOR STRUCTURE LAYOUT, REINFORCEMENT DETAILS, STRUCTURE ELEVATIONS, GRATING DETAILS, AND RAILING DETAILS, SEE STRUCTURAL DRAWINGS S1.0 TO S4.0

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

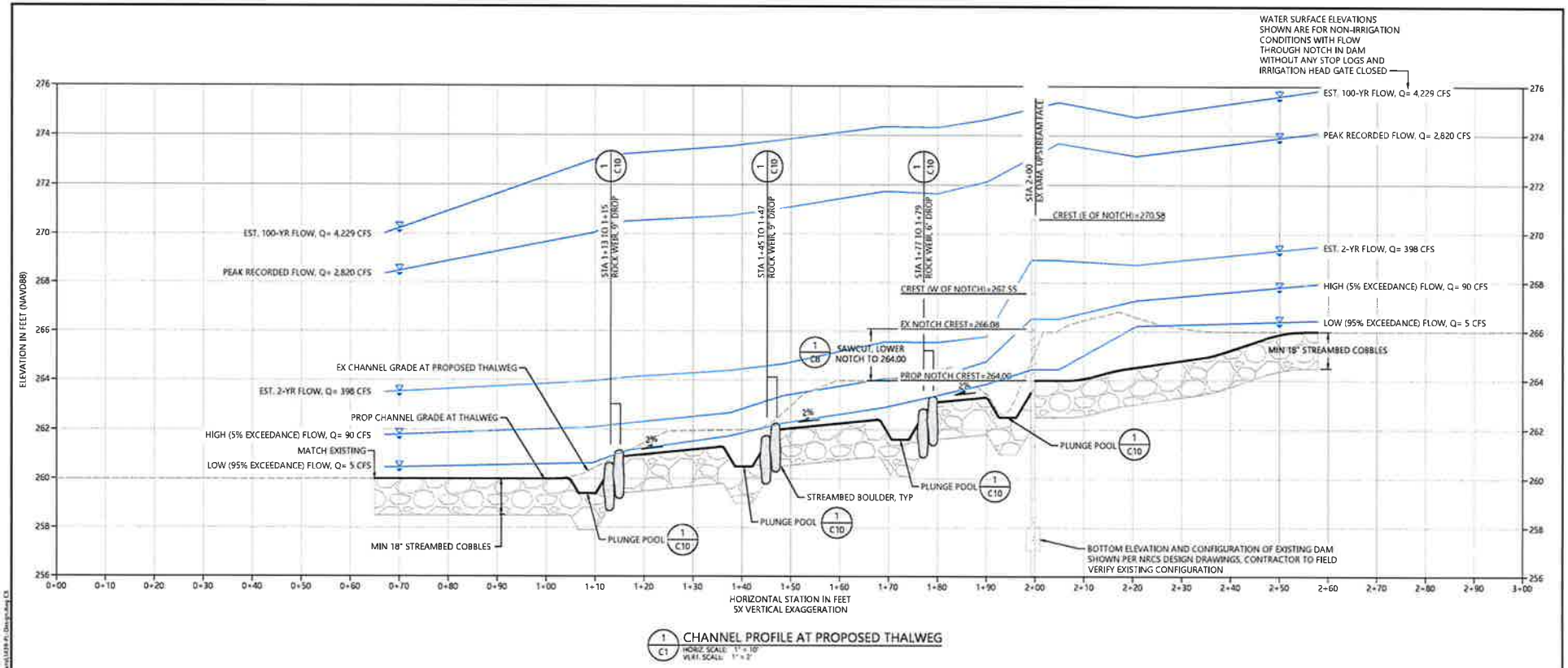
DESIGNED BY O. RICE
DRAWN BY T. GRIGA
CHECKED BY R. MONTGOMERY
APPROVED BY O. RICE
SCALE AS NOTED
DATE MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

DIVERSION IMPROVEMENT PLAN

C2

SHEET # 11 OF 30



1/C1 CHANNEL PROFILE AT PROPOSED THALWEG
HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 2'

PLAN PLOTTED TO BE VIEWED IN COLOR. ADJACENT BLOCKS IN "BLUE"

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

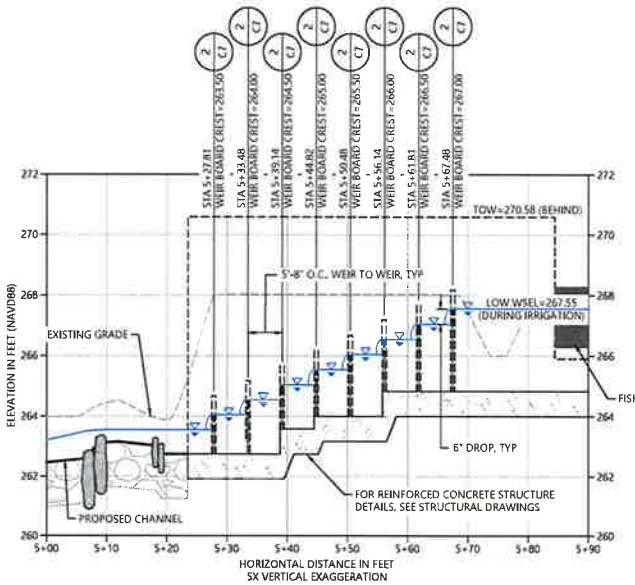
DESIGNED BY: D. RICE
DRAWN BY: T. GRIGA
CHECKED BY: R. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

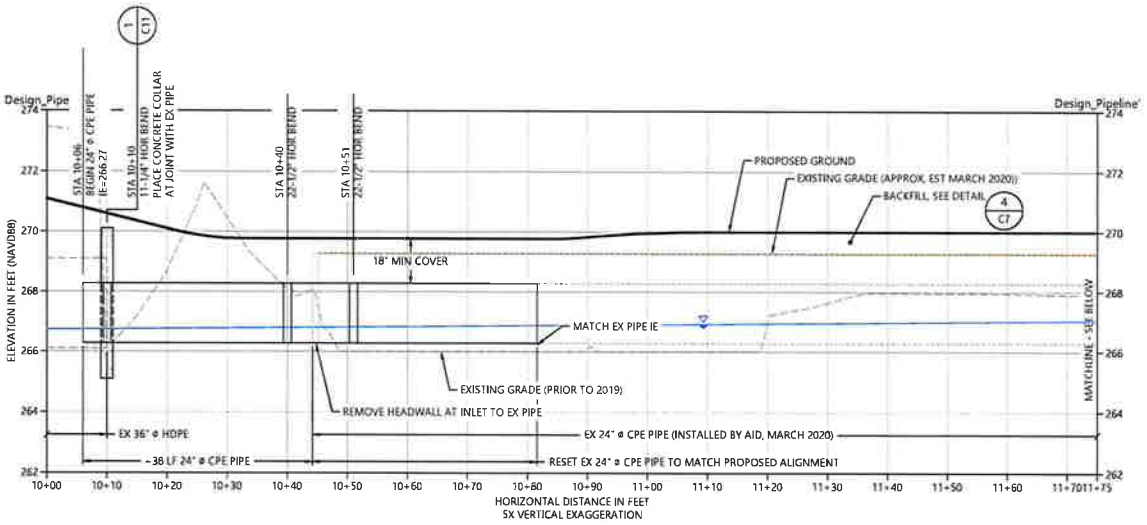
MCDONALD CREEK PROFILE

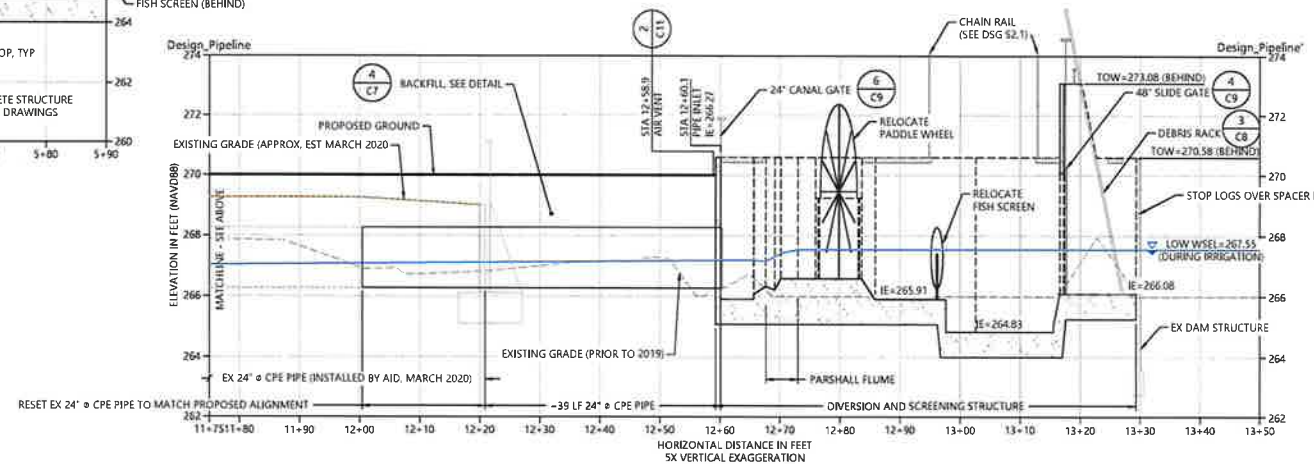
C3

SHEET # 12 OF 30



2 FISH PASSAGE STRUCTURE PROFILE
HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 2'





3 PIPELINE PROFILE
HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 2'

NOTES:

1. FOR STRUCTURE DIMENSIONS AND REINFORCEMENT DETAILS, SEE DRAWINGS S1.0 THROUGH S3.2.
2. FOR PIPELINE BACKFILL REQUIREMENTS, SEE DETAIL 4, DRAWING C7.

PLANS INTENDED TO BE VIEWED IN COLOR. ADJACENT BLOCKS "BLUE"

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

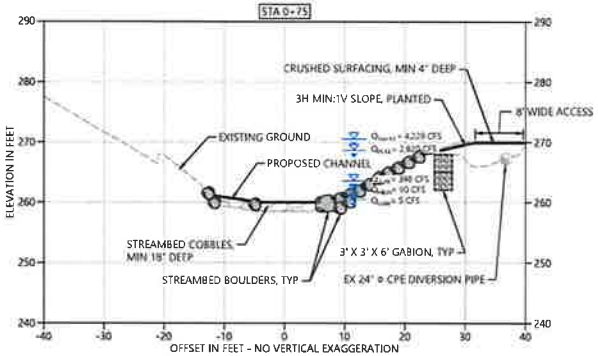
DESIGNED BY D. RICE
DRAWN BY T. GRIGA
CHECKED BY A. MONTGOMERY
APPROVED BY D. RICE
SCALE AS NOTED
DATE MARCH 1, 2021

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

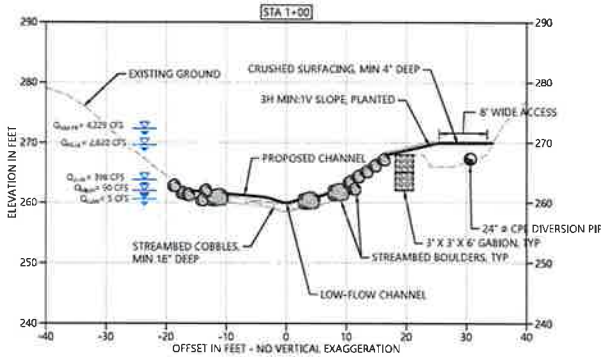
DIVERSION PIPELINE AND FISH PASSAGE PROFILES

C4

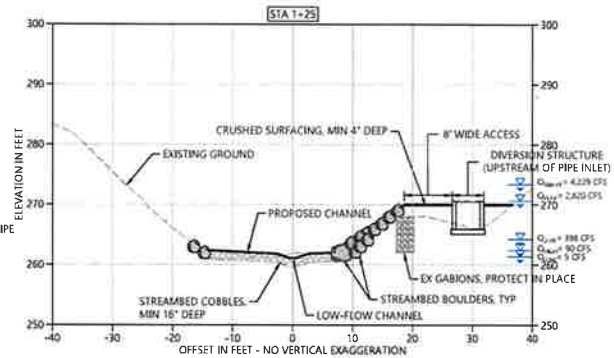
SHEET # 13 OF 30



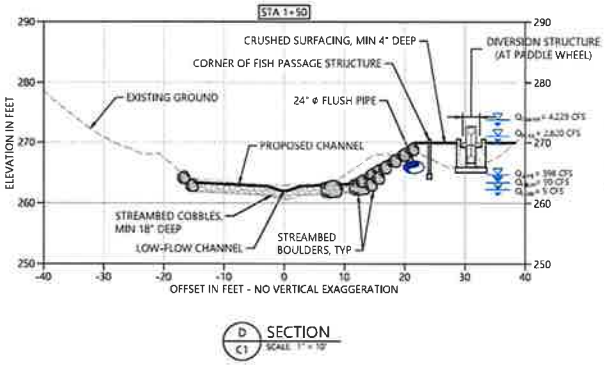
A C1 SECTION SCALE: 1" = 10'



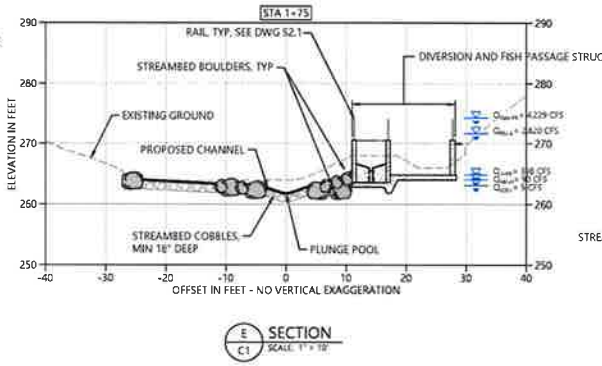
B C1 SECTION SCALE: 1" = 10'



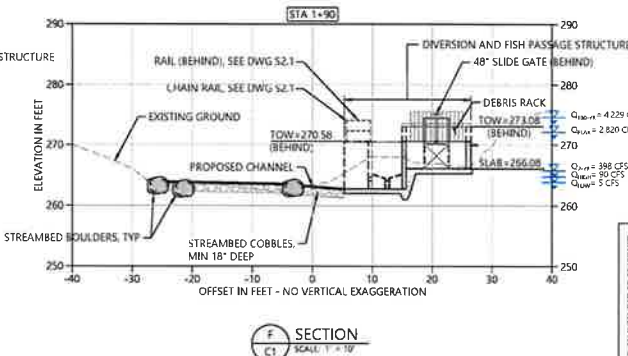
C C1 SECTION SCALE: 1" = 10'



D C1 SECTION SCALE: 1" = 10'



E C1 SECTION SCALE: 1" = 10'



F C1 SECTION SCALE: 1" = 10'

NOTES:

1. FOR TYPICAL CHANNEL SECTION, SEE DETAIL 1, DRAWING C7.
2. FOR STRUCTURE DIMENSIONS AND REINFORCEMENT DETAILS, SEE DRAWINGS S1.0 THROUGH S3.2.
3. FOR PIPELINE BACKFILL REQUIREMENTS, SEE DETAIL 4, DRAWING C7.

PLAN INTENDED TO BE VIEWED IN COLOR. ADJUST BLOCKS "BLUE"

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

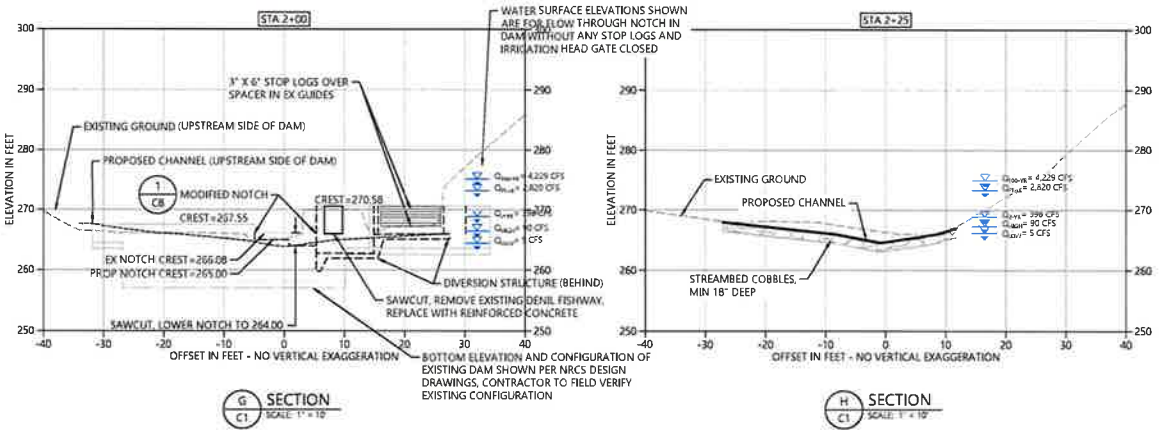
DESIGNED BY D. RICE
DRAWN BY T. GRIGA
CHECKED BY B. MONTGOMERY
APPROVED BY D. RICE
SCALE AS NOTED
DATE MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

SECTIONS

C5

SHEET # 14 OF 30



NOTES:

1. FCR TYPICAL CHANNEL SECTION, SEE DETAIL 1, DRAWING C7.
2. FCR STRUCTURE DIMENSIONS AND REINFORCEMENT DETAILS, SEE DRAWINGS S1.0 THROUGH S3.2.
3. FCR PIPELINE BACKFILL REQUIREMENTS, SEE DETAIL 4, DRAWING C7.

ONE INCH
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

PLAN INTENDED TO BE VIEWED IN COLOR. AQUATIC BLOCKS "BLUE"

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

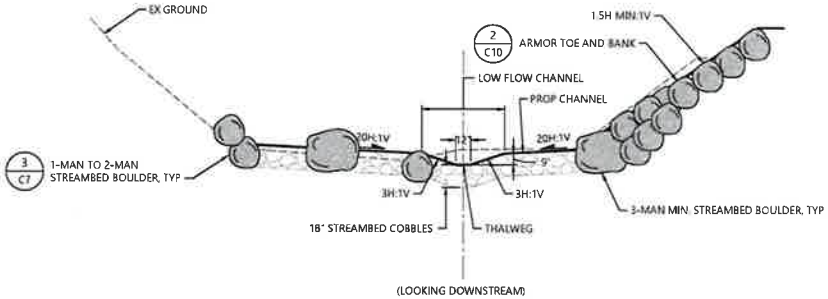
DESIGNED BY: D. RICE
DRAWN BY: T. GRIGA
CHECKED BY: R. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

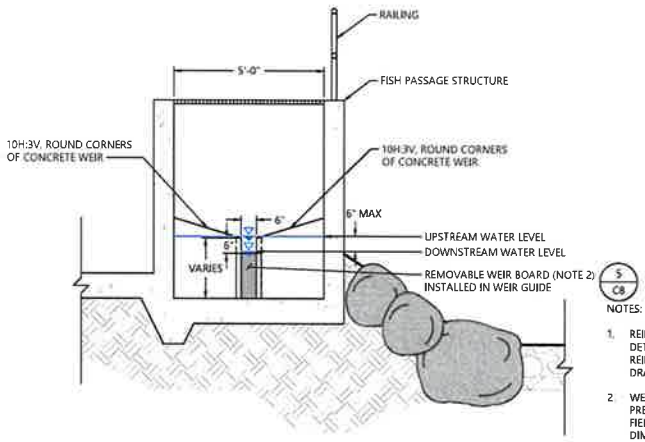
SECTIONS

C6

SHEET # 15 OF 30



1 / C1 TYPICAL CHANNEL SECTION
SCALE: NTS



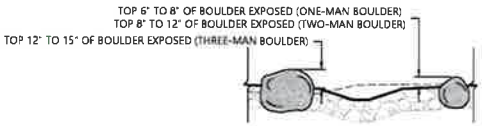
NOTES:

1. REINFORCED CONCRETE: FOR STRUCTURE DETAILS AND REQUIRMENTS FOR REINFORCED CONCRETE, SEE STRUCTURAL DRAWINGS.
2. WEIR BOARD: WEIR BOARD SHALL BE A PRESSURE TREATED 2" X 8" NOM. BOARD, FIELD CUT AS NEEDED TO MATCH THE DIMENSIONS SHOWN.

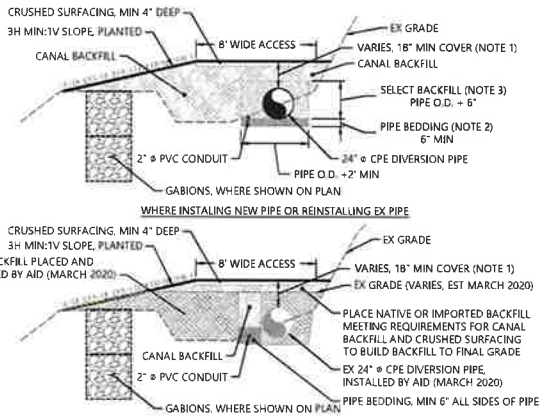
2 / C2 TYPICAL FISH PASSAGE WEIR DETAIL
SCALE: 1" = 2'

NOTES:

1. BOULDER EXPOSURE HEIGHT APPLIES TO MISC. STREAMBED BOULDERS AND NOT TO THOSE PLACED AS PART OF A ROCK WEIR OR AS PART OF TOE AND BANK PROTECTION.
2. BOULDER PLACEMENT AND EXPOSURE HEIGHT SHALL BE CONFIRMED IN THE FIELD WITH THE ENGINEER.



3 / C1 MISC. STREAMBED BOULDER PLACEMENT
SCALE: NTS



4 / C4 TYPICAL PIPELINE BACKFILL
SCALE: NTS

PIPELINE BACKFILL NOTES:

1. COVER - MINIMUM COVER SHALL BE EIGHTEEN INCHES (18") FROM TOP OF PIPE TO FINISH GRADE. THE MAXIMUM COVER SHALL NOT EXCEED SIX FEET (6') UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. PIPE BEDDING - PIPE BEDDING SHALL BE AT LEAST 6 INCHES DEEP AND SHALL MEET THE REQUIREMENTS OF SECTION 9-03.12(3) OF THE STANDARD SPECIFICATIONS. IF EXCAVATED TRENCH BOTTOM IS UNSTABLE OR NOT SUITABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND BACKFILL WITH PIPE BEDDING. PLACE PIPE BEDDING IN MAXIMUM 6-INCH LIFTS AND COMPACT TO 90% OF MAXIMUM DRY DENSITY.
3. SELECT BACKFILL - SELECT FILL SHALL ALSO MEET THE REQUIREMENTS OF SECTION 9-03.12(3) OF THE STANDARD SPECIFICATIONS. PLACE SELECT BACKFILL IN 6-INCH LIFTS TO A MINIMUM DEPTH OF 6 INCHES ABOVE THE CROWN OF THE PIPE AND COMPACT TO 90% OF MAXIMUM DRY DENSITY.
4. CANAL BACKFILL - THE CONTRACTOR SHALL BACKFILL THE REMAINING PORTION OF THE CANAL TO THE LINES AND GRADES SHOWN WITH IMPORTED OR EXCAVATED NATIVE MATERIAL THAT HAS A MAXIMUM PARTICLE SIZE OF 3 INCHES AND IS FREE FROM ORGANIC MATERIAL. THE BACKFILL SHALL BE WELL DRAINED AND SUITABLE FOR PLACEMENT AND COMPACTION. PLACE BACKFILL IN IN MAXIMUM 6-INCH LIFTS AND COMPACT TO 90% OF MAXIMUM DRY DENSITY.
5. SAFETY - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORKERS. THE CONTRACTOR SHALL PROVIDE SHORING AND OTHER NECESSARY SAFETY SYSTEMS TO PROTECT WORKERS FROM SOIL, ROCKS AND DEBRIS THAT MAY FALL INTO THE TRENCH.

IF ANNOTATIONS TO BE VIEWED BY COLOR, ADJACENT BLOCKS "BLUE"

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: D. RICE
DRAWN BY: T. GRIGA
CHECKED BY: B. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

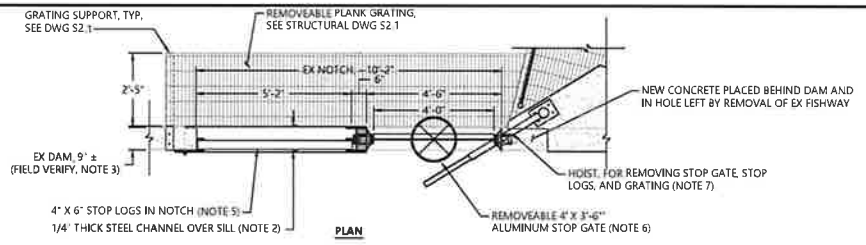
TYPICAL SECTIONS AND DETAILS

C7

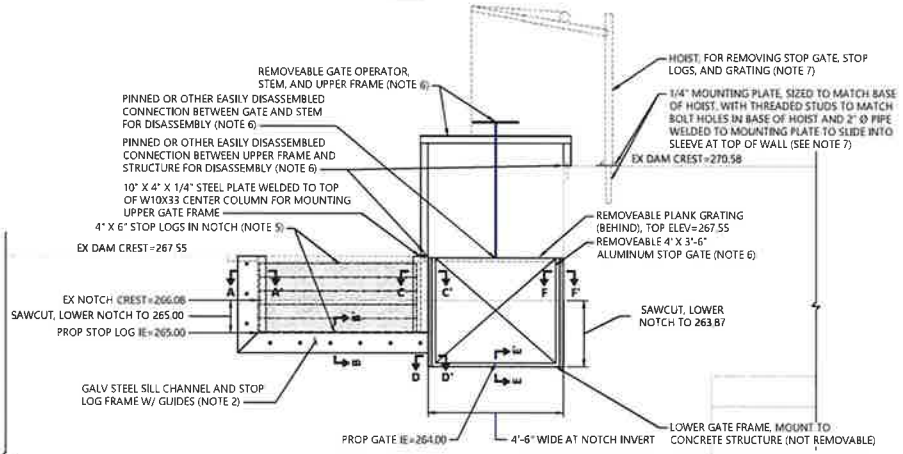
SHEET 16 OF 30

NOTES:

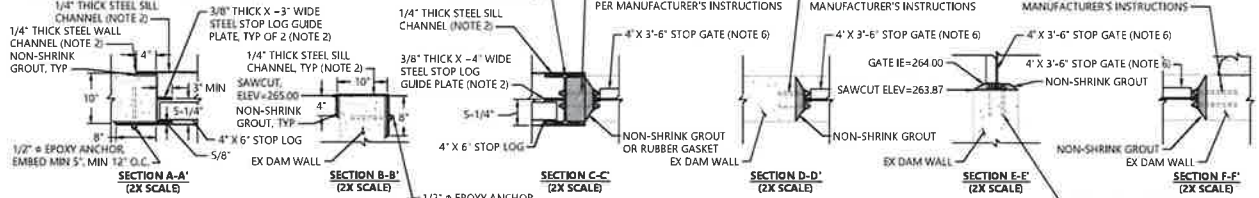
1. STEEL COMPONENTS - ALL STEEL COMPONENTS SHALL CONFORM TO ASTM A36 AND SHALL BE GALVINIZED PER ASTM A-123 (AASHTO M111).
2. SILL CHANNEL AND STOP LOG GUIDE FRAME - A GALVANIZED STEEL FRAME SHALL BE FABRICATED AND ANCHORED TO THE MODIFIED NOTCH IN THE EXISTING DAM WITH THE FOLLOWING COMPONENTS:
   - 2.1. WALL CHANNEL - A 1/4" STEEL CHANNEL WITH INTERIOR DIMENSIONS APPROXIMATELY 10" WIDE X 4" DEEP AT BACK OF WALL X 8" DEEP AT FRONT OF WALL. WELD TO STOP LOG GUIDE AND SILL CHANNEL.
   - 2.2. STOP LOG GUIDE PLATES - 3/8" THICK WELDED STEEL PLATES, WIDTHS AS SHOWN, WELDED TO WALL CHANNEL, SILL CHANNEL, AND W9X6 CENTER COLUMN. GUIDES SHALL FORM A MIN. 3" DEEP X 4" WIDE SLOT FOR STOP LOGS ON EACH SIDE.
   - 2.3. SILL CHANNEL - A 1/4" STEEL CHANNEL WITH INTERIOR DIMENSIONS APPROXIMATELY 10" WIDE X 4" DEEP AT BACK OF WALL X 8" DEEP AT FRONT OF WALL. WELD TO WALL CHANNEL AND CENTER W9X6 COLUMN.
   - 2.4. CENTER COLUMN - A W10X33 STEEL BEAM WELDED TO THE TOP FACE OF THE SILL CHANNEL.
   - 2.5. ANCHORS - ANCHOR TO CONCRETE WALL WITH 1/2" DRILLED EPOXY ANCHORS AT 15" MIN O.C. PLACE NON-SHRINK GROUT AND EPOXY SEAL BETWEEN THE STEEL WALL CHANNEL, SILL CHANNEL AND CONCRETE.
3. DIMENSIONS - THE CONTRACTOR SHALL VERIFY THE THICKNESS OF THE EXISTING DAM WALL PRIOR TO FABRICATING THE STOP LOG GUIDES AND SILL CHANNEL TO BE INSTALLED IN THE NOTCH AT THE DAM. THE WALL AND SILL CHANNELS SHALL FIT OVER THE DAM AT THE MODIFIED NOTCH IN THE DAM WITH LESS THAN 1/2" OF CLEARANCE ON ALL SIDES.
4. SHOP DRAWING - THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE WELDED-STEEL STOP LOG GUIDE AND SILL CHANNEL SHOWING MATERIALS, DIMENSIONS, WELDS, AND OTHER INFORMATION FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
5. STOP LOGS - STOP LOGS SHALL BE PRESSURE TREATED, NOMINAL 4" X 6" STANDARD LUMBER, FIELD CUT TO FIT.
6. STOP GATE - THE STOP GATE SHALL BE A FABRICATED ALUMINUM STOP GATE WITH A REMOVABLE HAND-WHEEL OPERATOR AND STEM. THE GATE, UPPER FRAME, HAND-WHEEL OPERATOR, AND STEM SHALL BE DESIGNED FOR DISASSEMBLY AND REMOVAL FROM THE NOTCH IN THE DAM AT THE END OF EACH IRRIGATION SEASON. DISASSEMBLY SHALL BE WITH PINS, CLAMPS OR OTHER HARDWARE THAN CAN BE EASILY REMOVED. GOLDEN HARVEST GH-36, INVERT MOUNTED, OR APPROVED EQUAL. VERIFY THAT MOUNTING IS COMPATIBLE WITH MODIFIED DAM AND ADJACENT CENTER COLUMN, AS SHOWN IN THE DETAILS ON THIS DRAWING. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. HOIST - PROVIDE A MECHANICAL HOIST ASSEMBLY WITH A HAND WINCH, TELESCOPIC ARM CAPABLE OF EXTENDING TO AT LEAST 50 INCHES, AND CABLE WITH HOOK CABLE OF LIFTING 2,000 LBS WHEN RETRACTED AND 1,000 POUNDS WHEN FULLY EXTENDED. PROVIDE FABRICATED MOUNTING PLATE THAT CAN ATTACH TO THE BASE OF THE HOIST AND HAS A WELDED-STEEL PIPE THAT CAN EXTEND INTO THE SLEEVE CAST IN THE TOP OF THE WALL SO THAT THE HOIST AND MOUNTING PLATE CAN BE EASILY REMOVED DURING HIGH FLOWS. PROVIDE A SPARE MOUNTING PLATE WITHOUT STUDS THAT CAN BE INSTALLED IN THE SLEEVE AS A PLUG WHEN THE HOIST HAS BEEN REMOVED.



PLAN



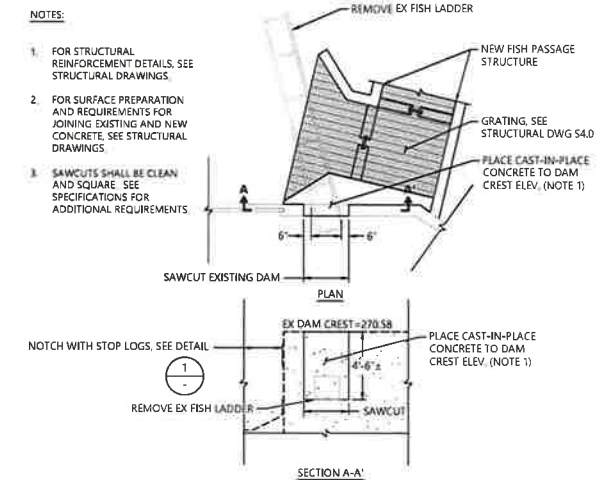
SECTION (FROM UPSTREAM SIDE OF DAM)



1 / C2 MODIFICATION OF EXISTING DAM NOTCH
SCALE: 1"=2"

NOTES:

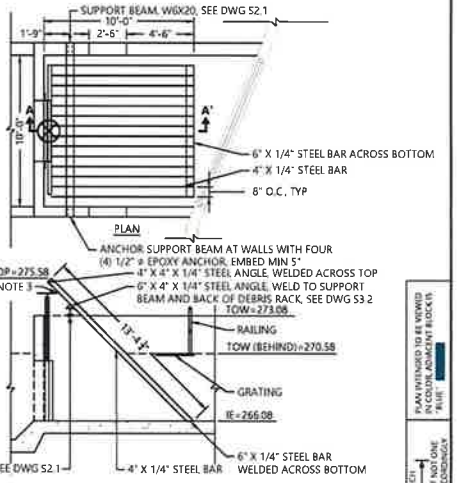
1. FOR STRUCTURAL REINFORCEMENT DETAILS, SEE STRUCTURAL DRAWINGS.
2. FOR SURFACE PREPARATION AND REQUIREMENTS FOR JOINING EXISTING AND NEW CONCRETE, SEE STRUCTURAL DRAWINGS.
3. SAWCUTS SHALL BE CLEAN AND SQUARE. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



2 / D1 REMOVAL OF EXISTING FISH LADDER
SCALE: 1"=4"

NOTES:

1. STEEL COMPONENTS - ALL STEEL COMPONENTS SHALL CONFORM TO ASTM A36 AND SHALL BE GALVINIZED PER ASTM A-123 (AASHTO M111).
2. GATE CLEARANCE - THE CONTRACTOR SHALL VERIFY THE DIMENSIONS OF THE GATE FRAME AND HAND-WHEEL OPERATOR WITH THE MANUFACTURER TO CONFIRM THAT THERE WILL NOT BE A CONFLICT BETWEEN THE GATE AND THE DEBRIS RACK. IF A HAND-WHEEL AND STEM ARE NOT AVAILABLE THAT FIT WITH CLEARANCE UNDER THE DEBRIS RACK, A GATE WITH A SIDE HAND-WHEEL OPERATOR OR CRANK SHALL BE PROVIDED.



3 / C1 DEBRIS RACK DETAIL
SCALE: 1"=4"

PLAN PRINTED TO BE VIEWED IN COLOR, ADJACENT BLOCKS TO "BLUE"

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: D. RICE
DRAWN BY: T. CRICH
CHECKED BY: A. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

DIVERSION IMPROVEMENT DETAILS

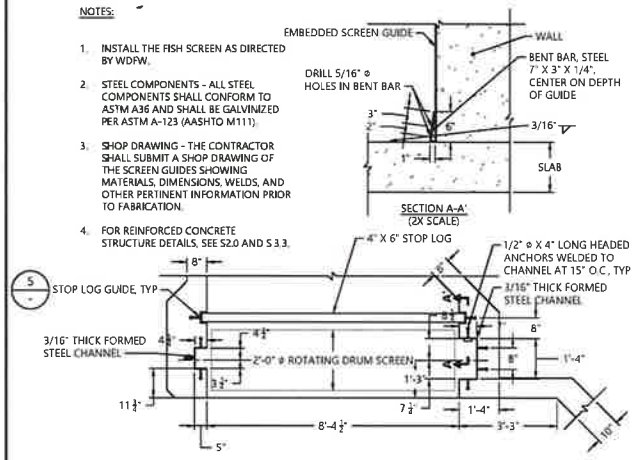
C8

SHEET # 17 OF 30

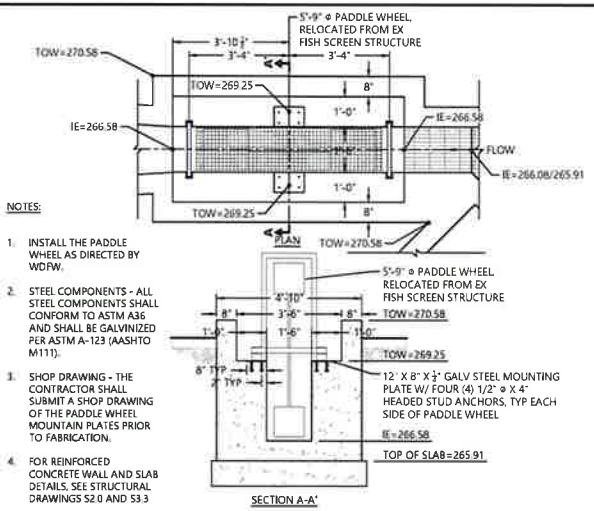
Mar 01, 2023 2:16pm dave

NOTES:

1. INSTALL THE FISH SCREEN AS DIRECTED BY WDFW.
2. STEEL COMPONENTS - ALL STEEL COMPONENTS SHALL CONFORM TO ASTM A36 AND SHALL BE GALVINIZED PER ASTM A-123 (AASHTO M111).
3. SHOP DRAWING - THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE SCREEN GUIDES SHOWING MATERIALS, DIMENSIONS, WELDS, AND OTHER PERTINENT INFORMATION PRIOR TO FABRICATION.
4. FOR REINFORCED CONCRETE STRUCTURE DETAILS, SEE S2.0 AND S.3.3.



1 / C1 FISH SCREEN GUIDES
SCALE: 1"=1'



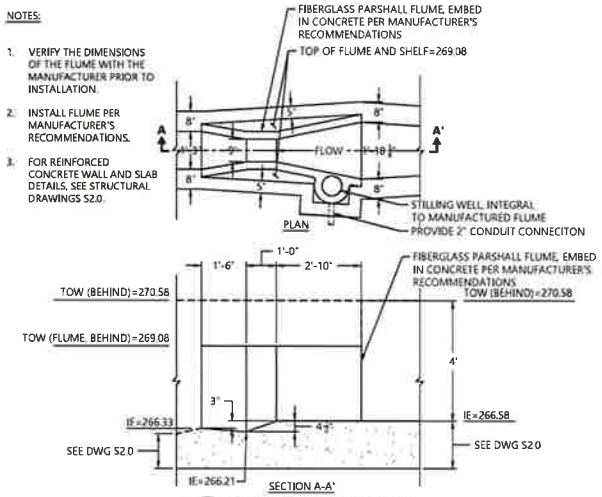
NOTES:

1. INSTALL THE PADDLE WHEEL AS DIRECTED BY WDFW.
2. STEEL COMPONENTS - ALL STEEL COMPONENTS SHALL CONFORM TO ASTM A36 AND SHALL BE GALVINIZED PER ASTM A-123 (AASHTO M111).
3. SHOP DRAWING - THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE PADDLE WHEEL MOUNTAIN PLATES PRIOR TO FABRICATION.
4. FOR REINFORCED CONCRETE WALL AND SLAB DETAILS, SEE STRUCTURAL DRAWINGS S2.0 AND S3.3

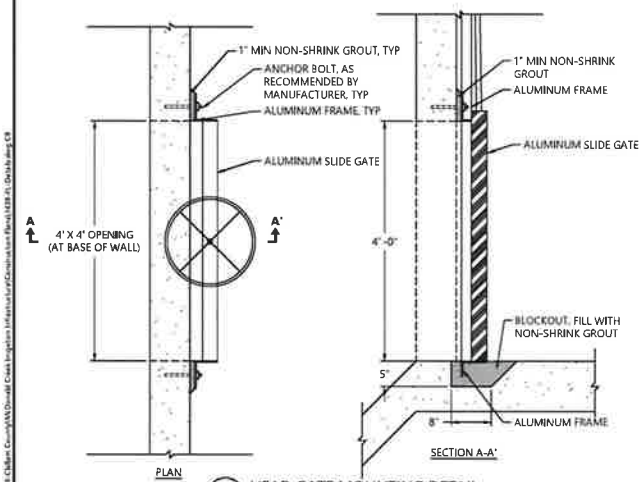
2 / C1 PADDLE WHEEL MOUNTING DETAIL
SCALE: 1"=2'

NOTES:

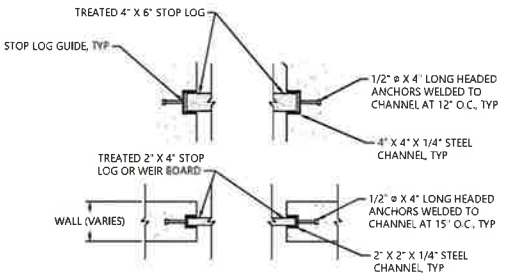
1. VERIFY THE DIMENSIONS OF THE FLUME WITH THE MANUFACTURER PRIOR TO INSTALLATION.
2. INSTALL FLUME PER MANUFACTURER'S RECOMMENDATIONS.
3. FOR REINFORCED CONCRETE WALL AND SLAB DETAILS, SEE STRUCTURAL DRAWINGS S2.0.



3 / C1 PARSHALL FLUME DETAIL
SCALE: 1"=1'



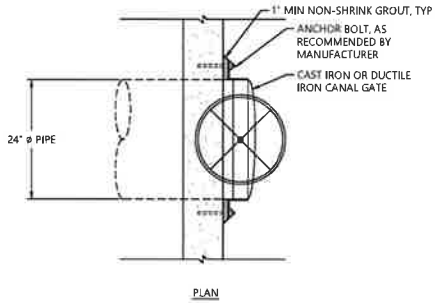
4 / C1 HEAD GATE MOUNTING DETAIL
SCALE: 1"=1'



NOTES: STOP LOG GUIDES - DIVERSION AND FISH PASSAGE STRUCTURE - 2" NOM. BOARDS

1. STEEL COMPONENTS - ALL STEEL COMPONENTS SHALL CONFORM TO ASTM A36 AND SHALL BE GALVINIZED PER ASTM A-123 (AASHTO M111).
2. STOP LOGS - STOP LOGS SHALL BE PRESSURE TREATED, STANDARD LUMBER SIZES, FIELD CUT TO FIT.
3. SHOP DRAWING - THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE STOP LOG GUIDES SHOWING MATERIALS, DIMENSIONS, WELDS, AND OTHER PERTINENT INFORMATION PRIOR TO FABRICATION.

5 / C2 STOP LOG GUIDES
SCALE: 1"=1'



6 / C2 CANAL GATE MOUNTING DETAIL
SCALE: 1"=1'

REVISED FINAL BID SET

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCK IS "BLUE"

ONE INCH AT FULL SIZE IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: D. RICE
DRAWN BY: T. GRIGA
CHECKED BY: R. MONTGOMERY
APPROVED BY: D. RICE
SCALE: AS NOTED
DATE: MARCH 1, 2023

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

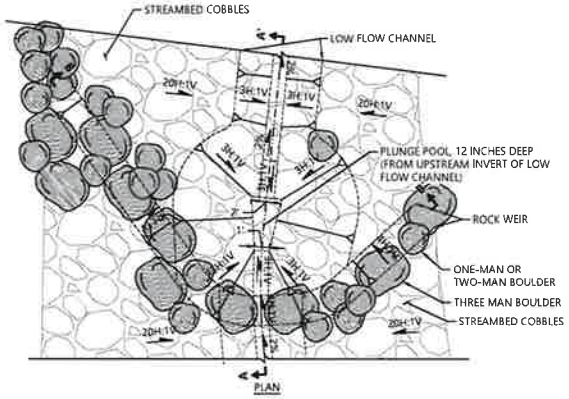
DIVERSION IMPROVEMENT DETAILS

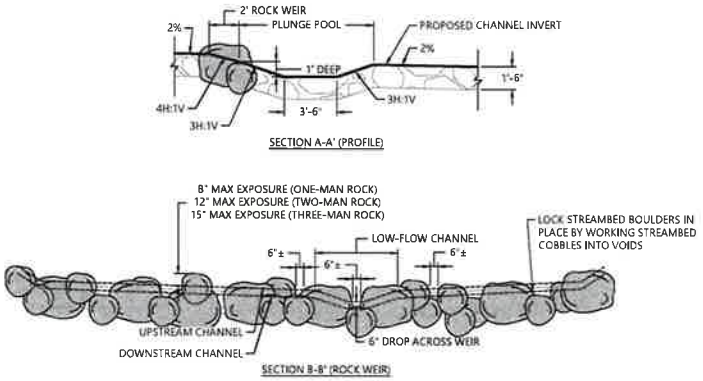
C9

SHEET 18 OF 30

Mar 01, 2023 | Sigrid Arias

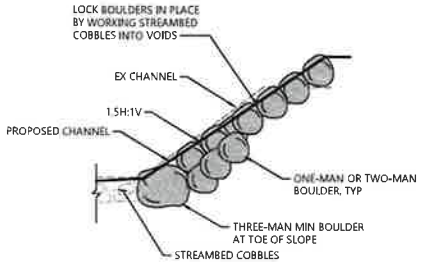
E:\Projects\1426 Chelan County\04 Donald Creek Irrigation Infrastructure\Construction Plans\1426-01_Details.dwg C9



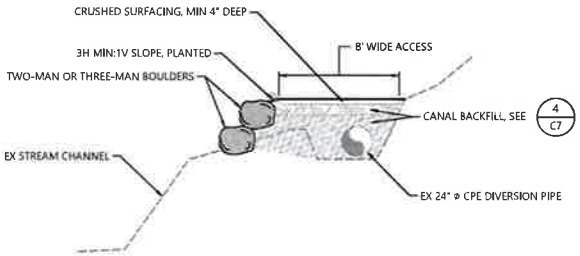


1 / C1 ROCK WEIR AND PLUNGE POOL DETAIL
SCALE: 1"=4'

NOTE: FOR TYPICAL CHANNEL SECTION, SEE DETAIL 1, DWG C7



2 / C1 TOE AND BANK ARMORING
SCALE: 1"=4'



3 / C1 ROCKERY DETAIL
SCALE: 1"=4'

MCDONALD CREEK RESTORATION - PLANTING SCHEDULE				
SCEINTIFIC NAME	COMMON NAME	PLANT TYPE	SIZE	QUANTITY
ACER MACROPHYLLUM	BIG-LEAF MAPLE	TREE	1 GALLON	6
THUJA PLICATA	WESTERN RED CEDAR	TREE	1 GALLON	6
OEMLERIA CERASIFORMIS	OSOBERRY	SHRUB	1 GALLON	20
PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	SHRUB	1 GALLON	15
RUBUS SPECTABILIS	SALMONBERRY	SHRUB	1 GALLON	30
N/A	WSDOT GRASS SEED MIX	GRASS	N/A	2 POUNDS

PLAN INTENDED TO BE VIEWED IN COLOR. ADJACENT BLOCKS "BLUE"

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: D. RICE
DRAWN BY: T. GRIGA
CHECKED BY: B. MONTGOMERY
APPROVED BY: D. RICE
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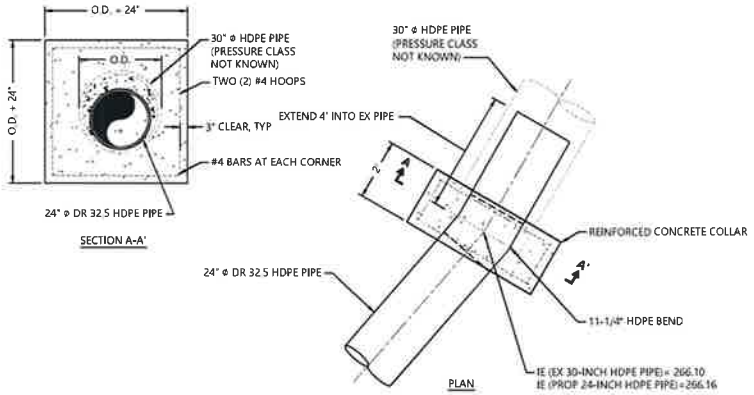
MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

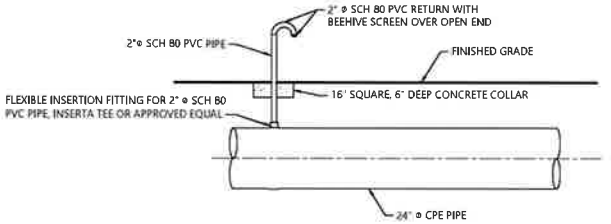
CHANNEL RESTORATION DETAILS

C10

SHEET # 19 OF 30



1 / C1 CONNECTION TO EX PIPE
SCALE: 1"=2'



2 / C2 AIR VENT DETAIL
SCALE: NTS

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCKS "BLUE"

ONE INCH
IF NOT ONE INCH ADJUST SCALE ACCORDINGLY

REVISED FINAL BID SET

ANCHOR QEA

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: D. RICE
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SCALE: AS NOTED
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MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

MISCELLANEOUS DETAILS

C11

SHEET # 20 OF 30

STRUCTURAL NOTES:

APPLY THE FOLLOWING MINIMUM SPECIFICATIONS UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DOCUMENTS.

REFERENCE CODE:
INTERNATIONAL BUILDING CODE, 2018 – LATEST EDITION REFERS TO CURRENT LOCALLY ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE.

DESIGN DATA:
SOIL PROPERTIES (PER GEOTECHNICAL REPORT):

ALLOWABLE SOIL BEARING PRESSURE	: 2500	PSF
PASSIVE PRESSURE	: 350	PSF/FT
ACTIVE PRESSURE (UNRESTRAINED)	: 58	PSF/FT (LEVEL BACKFILL)
	55	PSF/FT (MAX 1:1 SLOPED BACKFILL)
SOIL UNIT WEIGHT	: 115	PCF
COEFFICIENT OF FRICTION	: 0.35	
SPECIAL LOADS	: NONE	

STRUCTURAL TESTS AND INSPECTIONS:

STRUCTURAL TESTS AND INSPECTIONS SHALL BE PERFORMED AS REQUIRED BY CHAPTER 17, INTERNATIONAL BUILDING CODE, AS REQUIRED BY THE LOCAL BUILDING OFFICIAL AND AS SPECIFICALLY REQUIRED IN THE CONSTRUCTION DOCUMENTS. SEE SHEET S1.1 FOR ADDITIONAL INFORMATION.

FOUNDATIONS:

MAXIMUM ALLOWABLE SOIL BEARING PRESSURE IS 2500 PSF AS RECOMMENDED BY THE GEOTECHNICAL REPORT DATED JUNE 12, 2020 PREPARED BY ASPECT CONSULTING. REFER TO GEOTECHNICAL REPORT FOR ALL SOIL PREPARATION RECOMMENDATIONS

EXTERIOR FOOTINGS SHALL BEAR 1'-6" MINIMUM (U.N.O.) BELOW NEAREST EXTERIOR FINISH GRADE ON UNDERLYING DENSE NATIVE SOIL MATERIAL PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. STRUCTURAL FILL MATERIAL SHALL BE AS SPECIFIED, PLACED, AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. DO NOT BACKFILL RETAINING WALLS FOR 21 DAYS OR UNTIL CONCRETE REACHES DESIGN STRENGTH PER CYLINDER TESTS.

CONCRETE:
MIXING, PLACING, AND DESIGN OF ALL CONCRETE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "INTERNATIONAL BUILDING CODE," ACI 318, AND ACI 301. CONCRETE SHALL BE MADE WITH PORTLAND CEMENT ASTM C150 TYPE I OR TYPE II, COARSE AND FINE AGGREGATE ASTM C33, WATER CLEAN AND POTABLE. POZZOLITH OR POZZOLITH POLYHEED ADMIXTURE ASTM C494 COARSE AGGREGATE FOR 10" SLAB FOOTINGS SHALL BE 1-1/2" MINUS.

THE AMBIENT TEMPERATURE MUST BE 40 DEGREES FAHRENHEIT AND RISING TO PLACE ANY CONCRETE UNLESS IT IS INSULATED OR HEATED TO MAINTAIN AT LEAST 50 DEGREES FAHRENHEIT FOR SEVEN DAYS. CONCRETE CONTAINING "POZZUTEC 20" AT 60 TO 90 OUNCES PER 100 LBS. OF CEMENT MAY BE PLACED IN AMBIENT TEMPERATURES AS LOW AS 20 DEGREES FAHRENHEIT UNTIL INITIAL SET HAS BEEN REACHED. AMBIENT TEMPERATURES MAY FALL BELOW 20 DEGREES FAHRENHEIT AFTER INITIAL SET HAS BEEN REACHED AND THE HARDENED CONCRETE HAS BEEN SEALED TO PREVENT THE INGRESS OF ADDITIONAL WATER.

RECOMMENDED CURING OF CONCRETE SLABS SHALL CONSIST OF WET CURING WITH BURLAP AND WISQUEEN (OR EQUAL) FOR A PERIOD OF NOT LESS THAN SEVEN DAYS. SLAB SHALL NOT BE ALLOWED TO DRY DURING THIS PERIOD. IF THE CONTRACTOR CHOOSES AN ALTERNATE METHOD OF CURING, HE ASSUMES THE RISK ASSOCIATED WITH THE ALTERNATE METHOD.

MATERIALS:

USE	MINIMUM F'C AT 28 DAYS	MAXIMUM SLUMP, INCHES	MAXIMUM WATER CEMENT RATIO[2] NON-AIR-ENT	AIR-ENT	MINIMUM[3] SACKS/C.Y.
ALL STRUCTURAL CONCRETE	4500	4	–	45	5-1/2

NOTE: THESE SUGGESTED RATIOS ARE PRESENTED AS A GUIDELINE FOR BATCH PLANT OPERATOR TO DETERMINE FINAL MIX DESIGN. ALTERNATE MIXES MAY BE UTILIZED WHEN PAST PERFORMANCE OF SAID MIX HAS PROVEN TO MEET REQUIRED STRENGTH AND SERVICEABILITY REQUIREMENTS

1. MAXIMUM SLUMP SHALL BE SLUMP CORRESPONDING TO MAXIMUM WATER/CEMENT RATIO OR AS INDICATED ABOVE WHICHEVER IS LESS. CONTRACTOR MAY ADD JOB SITE WATER TO THE CONCRETE MIX ONLY IF BATCH TICKET PROVIDES QUANTITY OF WATER (IN GALLONS ALLOWED) SO AS TO NOT EXCEED SPECIFIED CONCRETE WATER/CEMENT RATIO AT CONTRACTOR'S OPTION, CONTRACTOR MAY USE MASTER BUILDERS INC ADMIXTURE SYSTEMS TO PRODUCE FLOWABLE CONCRETE. MAXIMUM SLUMP WITH ADMIXTURES SHALL NOT EXCEED EIGHT INCHES. THE WATER/CEMENT RATIO OF THE APPROVED MIXES SHALL BE MAINTAINED OR LOWERED WHEN FLOWABLE CONCRETE IS USED. A MASTER BUILDERS CONCRETE TECHNICIAN SHALL ASSIST IN DETERMINING MIX PROPORTIONS FOR FLOWABLE CONCRETE.
2. ADD TO ALL CONCRETE, MASTER BUILDERS MASTERAIR AC 90 AIR ENTRAINING AGENT TO ATTAIN 7 PERCENT ENTRAINED AIR, BY VOLUME, CONFORMING TO ASTM C260. AIR CONTENT SHALL BE CROSS CHECKED BY A UNIT WEIGHT OF THE SAME CONCRETE SAMPLE. ADJUST AIR AS REQUIRED TO CONFORM WITH ACI 318 TABLE 19.3.3-1 FOR MAXIMUM AGGREGATE SIZE.
3. SACKS OF CEMENT/CUBIC YARD ARE LISTED AS MINIMUM. ADDITIONAL CEMENT OR ADMIXTURES SHALL BE USED TO ATTAIN MAXIMUM WATER/CEMENT RATIO WHERE REQUIRED.

REINFORCING STEEL:
REINFORCING STEEL SHALL BE OF NEW BILLET STOCK ASTM A615-90, GRADE 60, FY=60,000 PSI EXCEPT #3 BARS SHALL BE GRADE 40. REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE WITH #16 DOUBLE ANNEALED IRON WIRE. REINFORCING STEEL SHALL BE SUPPORTED ON WELL CURED CONCRETE BLOCKS OR CHAIRS. ALTERNATE HOOK DIRECTION AT ALL TIES AND STIRRUPS. REINFORCING STEEL SHALL BE DETAILED BY AN EXPERIENCED DETAILER IN ACCORDANCE WITH ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE," EXCEPT AS SHOWN. SEE 1/– FOR REBAR FABRICATION DETAILS. SHOP DRAWINGS INCLUDING PLACING PLANS SHALL BE SUBMITTED (IF REQUESTED) FOR REVIEW PRIOR TO FABRICATION. ALL LAP SPLICES SHALL BE "CLASS B" SPLICES WITH A MINIMUM LAP LENGTH OF 45 BAR DIAMETERS FOR #6 AND SMALLER BARS, AND 58 BAR DIAMETERS FOR #7 AND #8 BARS.

REINFORCING SHALL BE WITHIN 1/2" TOLERANCE OF CLEAR DISTANCE SHOWN ON CONSTRUCTION DOCUMENTS. WET-SETTING OF REINFORCING STEEL IS NOT ACCEPTABLE.

UNLESS OTHERWISE NOTED, CONCRETE COVER FOR REINFORCING PLACEMENT SHALL BE:

3" FOR CONCRETE POURED AGAINST EARTH;
2" FOR FORMED CONCRETE.

FORM SAVERS:

FORM SAVERS SHALL BE LENTON "FORM SAVER" BY ERICO OR APPROVED EQUAL THREADED REBAR DOWELS SHALL BE LENTON DEFORMED REINFORCING BARS WITH TAPERED THREADED END BY ERICO OR APPROVED EQUAL MECHANICAL SPLICE BETWEEN FORM SAVER AND THREADED DOWEL SHALL DEVELOP A MINIMUM OF 125% OF THE SPECIFIED YIELD STRENGTH OF THE REINFORCING BAR.

EPOXY GROUTING:

THE CONTRACTOR SHALL EPOXY GROUT BARS (REBAR, DOWELS, AND THREADED RODS) TO THE DEPTH IN EXISTING CONCRETE AS INDICATED IN THE PLANS. HOLE DIAMETER SHALL BE PER MANUFACTURER'S WRITTEN INSTRUCTIONS. EPOXY GROUT FOR EXISTING CONCRETE SHALL BE SIMPSON "SET-XP", HILTI "HIT-HY 200", OR APPROVED EQUAL. DUST AND DEBRIS FROM THE DRILLING OPERATION SHALL BE CLEANED AND BLOWN FREE FROM THE HOLE PRIOR TO THE PLACEMENT OF THE EPOXY. EPOXY GROUT SHALL BE MIXED AND PLACED AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS. BARS SHALL BE INSERTED INTO THE HOLE WITHIN THE MANUFACTURER'S RECOMMENDED TIME PERIOD. ANY BARS WHICH ARE NOT SECURELY GROUTED SHALL BE REPLACED WITH PROPERLY GROUTED BARS.

EPOXY BONDING NEW CONCRETE TO EXISTING CONCRETE (AT SHAFTS PLUGS):

THE CONTRACTOR SHALL EPOXY BOND NEW CONCRETE TO EXISTING CONCRETE AS INDICATED IN THE PLANS. EPOXY BONDING PRODUCT SHALL BE "CONCRESIVE LPL", "SURE BOND J58", OR APPROVED EQUAL. EPOXY BONDING PRODUCT SHALL BE MIXED AND PLACED AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS. SURFACE PREPARATION IS ESSENTIAL FOR BONDING OF NEW CONCRETE TO EXISTING CONCRETE. DUST, DIRT, LATTANCE, CURING COMPOUNDS, WAXES, COATINGS, OILS AND OTHER FOREIGN SUBSTANCES SHALL BE REMOVED. SURFACES MAY BE DAMP SURFACE DRY. THE TEMPERATURE OF THE CONCRETE SHALL BE BETWEEN 40 DEGREES FAHRENHEIT AND 100 DEGREES FAHRENHEIT (5 DEGREES CELSIUS AND 38 DEGREES CELSIUS) DURING PLACEMENT. LOWER TEMPERATURES PROLONG CURE TIME. TEMPERATURES ABOVE 100 DEGREES FAHRENHEIT (38 DEGREES CELSIUS) SHORTEN POT LIFE AND MAKE APPLICATION DIFFICULT. APPLY EPOXY TO SURFACES WITH A BRUSH, ROLLER, OR SQUEEGEE. USE COOL AIR (NO HEAT) DRYER TO BLOW EPOXY INTO CRACKS.

STRUCTURAL STEEL:

STRUCTURAL STEEL SHALL BE GRADE ASTM A36, FY = 36,000 PSI. WIDE FLANGE SHAPES SHALL BE GRADE ASTM A992, FY = 50,000 PSI. ROUND HSS SHALL BE ASTM A500, GRADE C, FY = 46,000 PSI. PIPE SHALL BE GRADE ASTM A53, GRADE B, FY = 35,000 PSI. DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH THE AISC FIFTEENTH EDITION "STEEL CONSTRUCTION MANUAL" AND "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", LATEST EDITION. SHOP DRAWINGS SHALL BE SUBMITTED (IF REQUESTED) FOR ALL STRUCTURAL STEEL FOR REVIEW PRIOR TO FABRICATION.

ALL STEEL SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123. PROVIDE MINIMUM 2.3 OZ./S.F. GALVANIZED COATING. CONTRACTOR SHALL TOUCH UP FIELD WELDED OR DAMAGED GALVANIZED SURFACES WITH A GALVANIZED REPAIR COMPOUND. COLOR OF COATING SHALL MATCH COLOR OF GALVANIZED MEMBERS. REPAIR OF HOT DIPPED GALVANIZED COATING SHALL MEET ASTM A780 SPECIFICATIONS. AT ALL CONNECTIONS BETWEEN STAINLESS STEEL AND GALVANIZED STEEL A RUBBER OR PLASTIC INSULATOR SHALL BE USED BETWEEN THE TWO METAL SURFACES.

ALL WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STANDARD CODE. WELDERS SHALL BE CERTIFIED BY A THIRD PARTY QUALITY CONTROL AGENCY APPROVED BY LOCAL JURISDICTION SUCH AS THOSE LICENSED BY WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO). WELDS SHALL BE 3/16" MINIMUM CONTINUOUS FILLET USING LOW HYDROGEN E70 ELECTRODES UNLESS OTHERWISE NOTED. SLAG SHALL BE REMOVED FROM ALL WELDS.

STEEL TO STEEL BOLTED CONNECTIONS ARE SHOWN TO BE BEARING-TYPE CONNECTIONS USING ASTM F3125 GRADE A325 BOLTS WITH THREADS INCLUDED IN THE SHEAR PLANE. ALL OTHER BOLTED CONNECTIONS SHALL BE A307 HOLE SIZE SHALL BE IN ACCORDANCE WITH AISC SPECIFICATION FOR BEARING CONNECTIONS AND BOLTS SHALL BE TIGHTENED TO SNUG-TIGHT CONDITION. ASTM F3125 BOLTS, NUTS, AND WASHERS AND THEIR INSTALLATION AND FASTENING REQUIREMENTS SHALL CONFORM TO RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS, LATEST EDITION. PROVIDE HARDENED WASHERS AT OVERSIZE AND SLOTTED HOLES AND WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. ERECTION BOLTS ARE NOT SHOWN AND SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS REQUIRED TO FACILITATE THE CONSTRUCTION PROCESS.

ANCHOR BOLTS SHALL BE ASTM F1554 GR. 36 OR A307 (MIN.) HEADED TYPE AND SHALL HAVE A STANDARD BOLT HEAD. ALL EPOXY ANCHOR BOLTS SHALL BE OF MINIMUM A307 QUALITY INSTALLATION AND HOLE SIZE SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS.

HEAVY DUTY SCREW ANCHORS SHALL BE SIMPSON "TITEN HD". ANCHORS SHALL BE ZINC PLATED OR MECHANICALLY GALVANIZED. INSTALLATION AND HOLE SIZE SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS.

SHOP DRAWINGS:

STRUCTURAL STEEL DRAWINGS PREPARED AS FABRICATION DRAWINGS AND SUBMITTED FOR REVIEW BY THE ENGINEER SHALL INCLUDE MATERIAL, FINISH, AND QUANTITY FOR EACH MEMBER AND FOR ALL OTHER SUPPLIED ITEMS SUCH AS BOLTS, ETC. SHOP DRAWINGS SHALL INCLUDE ENOUGH VIEWS TO DEFINE PROFILES, SIZES, SPACING AND LOCATION OF ALL STRUCTURAL MEMBERS, ATTACHMENTS, HOLES, CUTS, WELDS, AND FASTENERS. WELDING SYMBOLOGY SHALL BE TO AWS STANDARDS AND INDICATE WELD LENGTH, SPACING, AND PRE OR POST WELD SURFACE PREPARATIONS. SHOP DRAWINGS SHALL BE ACCURATELY PREPARED BY SKILLED DRAFTSMEN TO BE COMPLETE IN EVERY RESPECT.

SHOP DRAWING SUBMITTALS SHALL CONTAIN GENERAL ARRANGEMENT DRAWINGS WITH REFERENCES TO SPECIFIC DETAILED DRAWINGS. CONSTRUCTION DRAWINGS AND DETAILS PREPARED BY THE ENGINEER SHALL NOT BE REPRODUCED AND SUBMITTED AS SHOP DRAWINGS SUBMITTALS.

SUBMITTED SHOP DRAWINGS WILL BE REVIEWED FOR THE CHARACTER AND SUFFICIENCY OF SPECIFIED MEMBERS AND DETAILS AND WILL NOT BE A CHECK OF THE DIMENSIONS.

EXISTING CONSTRUCTION:

EXISTING CONSTRUCTION IS NOTED AS "EXISTING" OR "(EXIST)." ALL ITEMS NOT NOTED AS EXISTING ARE NEW CONSTRUCTION. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK. ALL CONSTRUCTION DOCUMENTS SHOWING EXISTING CONSTRUCTION ARE INTENDED AS GUIDELINES ONLY. ALL DIMENSIONS MUST BE VERIFIED AND/OR DETERMINED IN THE FIELD.

THE CONSTRUCTION DOCUMENTS MAY NOT SHOW SOME OBSTRUCTIONS. CONTRACTOR SHALL CAREFULLY INSPECT THE EXISTING FACILITIES BEFORE PREPARING THEIR PROPOSAL AND BEFORE PROCEEDING WITH THE WORK. EVEN THOUGH NOT SHOWN OR SPECIFICALLY MENTIONED THE REMOVAL AND REPLACEMENT OF MINOR OBSTRUCTIONS SHOULD BE ANTICIPATED AND ACCOMPLISHED.

DEMOLITION:

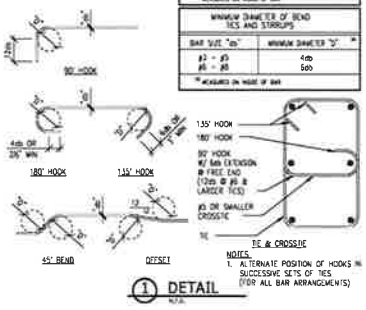
EXTENTS OF DEMOLITION REQUIRED MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL PERFORM A SITE VISIT PRIOR TO COMMENCING THE WORK TO FULLY UNDERSTAND THE DEMOLITION REQUIREMENTS AND MATERIAL TYPES. THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A DEMOLITION PLAN WITH SEQUENCES, METHODS, AND PROCEDURES TO SAFELY DEMOLISH THE COMPONENTS OF THE STRUCTURE TO BE REMOVED. PRECAUTIONS SHALL BE TAKEN TO AVOID DAMAGING COMPONENTS OF THE STRUCTURE THAT ARE SCHEDULED TO REMAIN. WHERE SHORING IS REQUIRED FOR DEMOLITION ACTIVITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHORING SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERSTANDING MEANS AND METHODS REQUIREMENTS, AS WELL AS OSHA REGULATIONS FOR THE PROJECT DEMOLITION.

TEMPORARY SHORING:

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SHORING DURING CONSTRUCTION TO ENSURE THAT THE EXISTING STRUCTURE IS STABLE UNTIL THE NEW CONSTRUCTION WORK IS COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERSTANDING MEANS AND METHODS REQUIREMENTS, AS WELL AS OSHA REGULATIONS FOR THE PROJECT CONSTRUCTION.

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE 2018 EDITION. ALL SITE WORK SHALL CONFORM TO THE STATE OF WASHINGTON DEPARTMENT OF TRANSPORTATION LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGES, AND MUNICIPAL CONSTRUCTION.
2. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES, THE MORE STRINGENT TO GOVERN DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND CODES. THESE DISCREPANCIES SHALL BE BROUGHT TO THE CONSULTANT'S ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.
3. CONSTRUCTION DOCUMENTS ARE NOT TO BE SCALED. DIMENSIONAL DATA SHALL BE OBTAINED FROM WRITTEN INFORMATION ONLY. VERIFY ALL DIMENSIONS BEFORE PROCEEDING. ANY DIMENSIONAL DEVIATION FROM THAT SHOWN ON CONSTRUCTION DOCUMENTS, WHICH MAY AFFECT INTENT OF DESIGN OR PROPER INCORPORATION OF ELEMENTS, SHALL BE BROUGHT TO CONSULTANT'S ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.
4. CONSTRUCTION DOCUMENTS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION AND ARE NOT INTENDED TO SHOW EVERY DETAIL OR CONDITION OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY AS INDICATED BUT ARE SIMILAR CHARACTER TO THE DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL. THE CONSULTANT ASSUMES NO LIABILITY OR RESPONSIBILITY FOR ERRORS OR CONFLICTS WHICH MAY OCCUR BECAUSE OF THE CONSULTANT'S EXCLUSION FROM PARTICIPATION IN THE ACTUAL CONSTRUCTION PHASE OF THE PROJECT.
5. THE CONSTRUCTION SITE MAY HAVE LIMITED ACCESS. THE CONTRACTOR SHOULD INSPECT THE SITE AND MAKE HIS OWN DETERMINATION IN REGARDS TO ACCESS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE REQUIRED SAFETY PRECAUTIONS AND THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.
7. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UTILITIES WHICH MAY BE PRESENT AND ARE NOT SCHEDULED OR REQUIRED TO BE CHANGED.
8. THE CONTRACTOR SHALL EMPLOY SAFE EXCAVATION PRACTICES IN ACCORDANCE WITH STATE SAFETY REQUIREMENTS AND OSHA SAFETY AND HEALTH STANDARDS FOR CONSTRUCTION (29CFR1926).
9. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AND/OR SHORING OF ALL OTHER EXISTING STRUCTURES AND COMPONENTS AFFECTED BY THE CONSTRUCTION PROCESS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
10. CONSULTANT SHALL BE INFORMED IMMEDIATELY OF ANY DISCREPANCY BETWEEN CONSTRUCTION DOCUMENTS AND SITE CONDITIONS THAT CAUSE SPECIFIED DESIGN OR MATERIALS TO BE MODIFIED OR REVISED.
11. ALL MATERIAL FROM DEMOLITION PROCESSES IS TO BE REMOVED FROM THE SITE AND DISPOSED OF UNLESS SPECIFIED OTHERWISE BY THE OWNER.
12. FINISHED SURFACES AT SAWCUTS SHALL BE STRAIGHT, TRUE, AND PLUMB.
13. ELEVATIONS ARE BASED ON ANCHOR QEA DRAWINGS AND ARE USED FOR REFERENCE PURPOSES. CONTRACTOR SHALL ESTABLISH HIS OWN CONSTRUCTION SURVEY TO DETERMINE FINAL ELEVATIONS BOTH NEW AND EXISTING. ALL FINISH GRADES TO PROVIDE CONSTANT SLOPE AND SMOOTH TRANSITION BETWEEN DIFFERING ELEVATIONS BOTH NEW AND EXISTING.
14. PLANS, SECTIONS, DETAILS, AND OTHER INFORMATION SHOWING NEW CONSTRUCTION IN COMBINATION WITH EXISTING CONDITIONS HAVE BEEN PREPARED UTILIZING ASSUMED EXISTING CONDITIONS. IT SHOULD BE UNDERSTOOD THAT SOME MODIFICATION OF THE DETAILS SHOWN MAY BE NECESSARY IN ORDER TO PROPERLY ACHIEVE A FINISHED PRODUCT. PROPOSED MODIFICATIONS SHALL BE REVIEWED BY CONSULTANT AND OWNER PRIOR TO FINAL INSTALLATION.
15. THE INFORMATION PROVIDED ON THESE CONSTRUCTION DOCUMENTS IS SPECIFIC TO THE LIMITED SCOPE OF STRUCTURAL ENGINEERING SERVICES REQUESTED. THESE PLANS AND SPECIFICATIONS PERTAIN ONLY TO THOSE ITEMS DESIGNED BY PACIFIC ENGINEERING & DESIGN, P.L.L.C. AND NOTED ON THE PLANS AND DETAILS AS NEW. DESIGN LAYOUT, AND SPECIFICATION OF ALL OTHER MATERIALS, COMPONENTS, AND DETAILS ARE BY OTHERS AND ARE NOT THE RESPONSIBILITY OF PACIFIC ENGINEERING & DESIGN, P.L.L.C.
16. REBAR CAGES SHOWN ARE OUTSIDE CLEAR DIMENSIONS.
17. REINFORCING SHALL BE WITHIN 1/2" TOLERANCE OF CLEAR DISTANCE SHOWN ON CONSTRUCTION DOCUMENTS. WET-SETTING OF REINFORCING STEEL AND ANCHOR BOLTS IS NOT ACCEPTABLE.
18. IF DUE TO THE ENGINEER'S OR OTHER CONSULTANT'S ERROR, ANY REQUIRED ITEM OR COMPONENT IS OMITTED FROM THE CONSTRUCTION DOCUMENTS, THE ENGINEER SHALL NOT BE RESPONSIBLE FOR PAYING THE COSTS TO ADD SUCH ITEM OR COMPONENT TO THE EXTENT THAT SUCH ITEM OR COMPONENT WOULD HAVE BEEN OTHERWISE NECESSARY TO THE PROJECT OR OTHERWISE ADDS VALUE OR BETTERMENT TO THE PROJECT. IN NO EVENT WILL THE ENGINEER BE RESPONSIBLE FOR ANY COST OR EXPENSE THAT PROVIDES BETTERMENT, UPGRADE, OR ENHANCEMENT OF THE PROJECT.
19. SHOP DRAWINGS OR OTHER SUBMITTALS REVIEWED BY THE ENGINEER DO NOT BECOME CONTRACT DOCUMENTS AND DO NOT CONSTITUTE CHANGE ORDERS.
20. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY AND RISK FOR MISFITS DUE TO ANY ERROR IN CONTRACTOR SUBMITTAL DRAWINGS REGARDLESS OF ENGINEER'S SUBMITTAL REVIEW. ANY FABRICATION OR OTHER WORK PERFORMED IN ADVANCE OF THE RECEIPT OF SUBMITTAL REVIEW COMMENTS SHALL BE ENTIRELY AT CONTRACTOR'S RISK.
21. SEE STRUCTURAL NOTES AND PLAN NOTES FOR ADDITIONAL INFORMATION.
22. REFER TO DRAWINGS PREPARED BY ANCHOR QEA FOR ADDITIONAL INFORMATION.
23. CONSTRUCTION SHALL CONFORM TO AGENCY PERMITS. ITEMS ON STRUCTURAL DRAWINGS ARE NOT INTENDED TO TAKE PRECEDENCE OVER PERMIT REQUIREMENTS WHERE CONFLICTS OCCUR. DISCREPANCIES SHALL BE BROUGHT TO THE CONSULTANT'S ATTENTION AND A RESOLUTION OBTAINED BEFORE PROCEEDING.



MINIMUM DIAMETER OF BEND PRIMARY REINFORCEMENT	
BAR SIZE "db"	MINIMUM DIAMETER "D" *
#3 – #8	6db
#9 – #11	8db
#14 & #18	10db
* MEASURED ON INSIDE OF BAR	

MINIMUM DIAMETER OF BEND TIES AND STIRRUPS	
BAR SIZE "db"	MINIMUM DIAMETER "D" *
#3 – #5	4db
#6 – #8	6db
* MEASURED ON INSIDE OF BAR	

NOTES:
1. ALTERNATE POSITION OF HOOKS IN SUCCESSIVE SETS OF TIES. (FOR ALL BAR ARRANGEMENTS)

1 DETAIL
N.T.S.

PLANS INTENDED TO BE VIEWED IN COLOR ADJACENT BLOCK IS BLUE

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

PACIFIC ENGINEERING
CIVIL STRUCTURAL
200 E. COLUMBIA STREET, SUITE 200, WENATCHEE, WA 98801
(509) 663-1161 www.pacificengineering.net

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION
-	1/31/23	-	-	CONSTRUCTION ISSUE

DESIGNED BY: APJ
DRAWN BY: MGM
CHECKED BY: MRR
APPROVED BY:
SCALE: AS NOTED
DATE: 1/31/23

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

STRUCTURAL NOTES

S1.0

SHEET # 21 OF 30

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STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS

STATEMENT OF SPECIAL INSPECTIONS

THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED FOR STRUCTURAL ITEMS ONLY, AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION AND TESTING REQUIREMENTS OF THE CURRENTLY ADOPTED INTERNATIONAL BUILDING CODE (IBC). IN ACCORDANCE WITH THE IBC, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT, IS REQUIRED TO EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM REQUIRED INSPECTIONS. THE PERMIT APPLICANT IS RESPONSIBLE FOR HIRING THE SPECIAL INSPECTOR AND MUST INCUR ALL ASSOCIATED COSTS.

QUALIFICATIONS OF SPECIAL INSPECTOR

THE QUALIFICATIONS OF ALL PERSONNEL PERFORMING SPECIAL INSPECTION OR TESTING ARE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL. THE SPECIAL INSPECTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING HIS OR HER COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING. THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM PROVIDED THEY QUALIFY AS SPECIAL INSPECTORS.

RESPONSIBILITIES

A. OWNER'S RESPONSIBILITIES

1. THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED ON THIS SHEET. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS PERFORMED BY THE JURISDICTION.

EXCEPTION: APPROVED FABRICATORS

FABRICATOR APPROVAL: SPECIAL INSPECTIONS REQUIRED BY SECTION 1705 ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. FOR STEEL CONSTRUCTION, AISC CERTIFIED FABRICATORS SHALL BE CONSIDERED "APPROVED" AT COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS, ALL WORK COMPLETED IN THE FIELD OR BY A FABRICATOR WHICH IS NOT APPROVED SHALL BE INSPECTED ACCORDING TO THE REQUIREMENTS OF THIS SHEET. THE FOLLOWING TABLE SUMMARIZES THE EXCEPTION FOR APPROVED FABRICATORS.

IBC REQUIREMENT FOR CHAPTER 17	Responsible party should check verify: (The "blank" is for the contractor.)	
	approved	not approved
Quality special inspections prior to assembly/erection	Not required	Design drawings shall be inspected with the load sizes by the owner
Detailed Statement of Special Inspections for steel fabrication	Not required	Design drawings shall be the owner's business
Fabricator Statement of Special Inspections and copies of inspections for steel fabrication	Not required	Building official or authorized agent may verify building code authority's business
Conduct special inspections for assembly/erection and erection issues	Not required	Special inspector at the owner's expense
Verification of welder qualification and welding procedure specifications	QA or IP (Fabricator's inspection agency is the fabricator's business	Special inspector and design professional at owner's expense
Submit certificate of compliance to building official	Fabricator is responsible	Special inspector and design professional at owner's expense

B. DUTIES OF THE SPECIAL INSPECTOR

RECORDS OF EACH INSPECTION MUST BE SUBMITTED TO THE BUILDING OFFICIAL SO AS TO COMPILE A COMPLETE LEGAL RECORD OF THE PROJECT. THESE RECORDS MUST INCLUDE ALL INSPECTIONS MADE, VIOLATIONS, AND DISCREPANCIES. BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED, A FINAL REPORT MUST BE SUBMITTED INDICATING THAT ALL SPECIAL INSPECTIONS HAVE BEEN MADE AND ALL DISCREPANCIES HAVE BEEN RESOLVED OR REMOVED IN ORDER TO SHOW COMPLIANCE WITH THE APPLICABLE CODE REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE SPECIAL INSPECTOR TO DOCUMENT AND SUBMIT INSPECTION RECORDS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE OF THE PROJECT. SPECIFIC DUTIES ARE OUTLINED BELOW:

1. OBSERVE THE WORK. THE INSPECTOR SHALL OBSERVE THE WORK FOR COMPLIANCE WITH THE JURISDICTION APPROVED PLANS, SPECIFICATIONS, AND APPLICABLE PROVISIONS OF THE IBC. THE ARCHITECT/ENGINEER REVIEWED SHOP DRAWINGS, AND/OR PLACEMENT DRAWINGS MAY BE USED ONLY AS AN AID TO INSPECTION AND ARE NOT CONTRACT DOCUMENTS. INSPECTIONS ARE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS.
   i. CONTINUOUS SPECIAL INSPECTION – THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
   ii. PERIODIC SPECIAL INSPECTION – THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
2. REPORT NON-CONFORMING ITEMS. THE INSPECTOR SHALL BRING NON-CONFORMING ITEMS TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR, AND NOTE ALL SUCH ITEMS IN THE DAILY REPORT. IF ANY ITEM IS NOT RESOLVED IN A TIMELY MANNER AND IS ABOUT TO BE INCORPORATED IN THE WORK, THE SPECIAL INSPECTOR SHALL IMMEDIATELY NOTIFY THE JURISDICTION, THE ENGINEER AND ARCHITECT.
3. FURNISH DAILY REPORTS. THE SPECIAL INSPECTOR SHALL COMPLETE A DAILY REPORT FOR EACH DAY'S INSPECTIONS. THE DAILY REPORTS SHALL REMAIN AT THE JOB SITE WITH THE CONTRACTOR FOR THE BUILDING DEPARTMENT'S INSPECTOR. THE REPORTS SHALL INCLUDE THE FOLLOWING:
   i. NAME OF SPECIAL INSPECTOR, DATE, TIME, TEMPERATURE, AND WEATHER CONDITIONS.
   ii. DESCRIPTION OF THE INSPECTIONS, WITH LOCATIONS AND TESTS PERFORMED.
   iii. LISTING ANY NON-CONFORMING ITEMS.
   iv. INCLUDE HOW ITEMS WERE RESOLVED OR UNRESOLVED.
   v. LIST ANY CHANGES OR CORRECTIONS TO NON-CONFORMING ISSUES AUTHORIZED BY THE ENGINEER, ARCHITECT OR JURISDICTION'S BUILDING INSPECTORS.
4. FURNISH WEEKLY REPORTS. THE INSPECTION AGENCY SHALL FURNISH WEEKLY REPORTS OF THE TESTS AND INSPECTIONS PERFORMED DIRECTLY TO THE BUILDING DEPARTMENT, REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE, ARCHITECT, AND/OR OTHERS AS DESIGNATED. WEEKLY REPORT MAY BE A COMPILATION OF DAILY REPORTS.
5. FURNISH FINAL REPORT. THE INSPECTION AGENCY SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING DEPARTMENT STATING THAT ALL ITEMS REQUIRING SPECIAL INSPECTIONS AND TESTING WERE FULFILLED. ALL DISCREPANCIES WERE CORRECTED OR RESOLVED, AND ALL WORK REQUIRING SPECIAL INSPECTIONS IS IN CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. ANY ITEMS UNRESOLVED OR DISCREPANCIES IN COVERAGE (I.E., MISSED INSPECTIONS, PERIODIC INSPECTIONS WHEN CONTINUOUS WAS REQUIRED, ETC.) SHALL BE SPECIFICALLY ITEMIZED IN THIS REPORT.

C. CONTRACTOR'S RESPONSIBILITIES

1. NOTIFY THE AGENCY. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE INSPECTION AGENCY IN SUFFICIENT TIME FOR SCHEDULING PERSONNEL TO PERFORM REQUIRED INSPECTIONS.
2. PROVIDE WRITTEN STATEMENT OF RESPONSIBILITY. THE CONTRACTOR SHALL PROVIDE A WRITTEN STATEMENT OF RESPONSIBILITY AS REQUIRED IN SECTION 1704.4 FOR CONSTRUCTION DESIGNATED MAIN-WIND OR SEISMIC FORCE RESISTING SYSTEM. THE STATEMENT OF CONTRACTOR RESPONSIBILITY IS REQUIRED WHEREVER THE STATEMENT OF SPECIAL INSPECTIONS INCLUDE ADDITIONAL WIND- OR SEISMIC-RESISTANCE INSPECTIONS. THIS STATEMENT BY THE CONTRACTOR IS SEPARATE FROM THE STATEMENT OF SPECIAL INSPECTIONS. IT IS THE CONTRACTOR'S ACKNOWLEDGEMENT OF THE SPECIAL INSPECTIONS OR TESTING THAT ARE BEYOND WHAT IS TYPICALLY REQUIRED.
3. PROVIDE ACCESS TO JURISDICTION APPROVED PLANS. THE APPROVED PLANS SHALL BE READILY ACCESSIBLE AT THE JOB SITE.
4. PROVIDE ACCESS TO WORK. THE CONTRACTOR SHALL PROVIDE REASONABLE ACCESS TO ALL WORK REQUIRING SPECIAL INSPECTION.
5. RETAINING SPECIAL INSPECTION REPORTS AT THE JOB SITE. RETAIN AT THE JOB SITE ALL SPECIAL INSPECTION RECORDS SUBMITTED BY THE SPECIAL INSPECTOR AND PROVIDE THESE RECORDS FOR REVIEW BY THE BUILDING DEPARTMENT INSPECTOR UPON REQUEST.
6. NOTIFY JURISDICTION OF SPECIAL INSPECTIONS PRIOR TO SCHEDULED INSPECTION TIME.

D. JURISDICTION'S RESPONSIBILITIES

1. TO VERIFY COMPLIANCE. THE JURISDICTION IS REQUIRED TO APPROVE EACH SPECIAL INSPECTOR BASED ON SUBMITTED QUALIFICATIONS TO OVERSEE THE IMPLEMENTATION OF STRUCTURAL TESTS AND SPECIAL INSPECTION REQUIREMENTS FOUND IN IBC CHAPTER 17.
2. REVIEW SPECIAL INSPECTIONS. THE BUILDING DEPARTMENT SHALL REVIEW ALL SPECIAL INSPECTORS AND SPECIAL INSPECTION REQUIREMENTS.
3. MONITOR SPECIAL INSPECTIONS. WORK REQUIRING SPECIAL INSPECTIONS AND THE PERFORMANCE OF SPECIAL INSPECTORS, SHALL BE MONITORED BY THE BUILDING DEPARTMENT INSPECTOR. JURISDICTIONAL APPROVAL MUST BE OBTAINED PRIOR TO PLACEMENT OF CONCRETE OR OTHER SIMILAR ACTIVITIES IN ADDITION TO THAT OF THE SPECIAL INSPECTOR.
4. ISSUE CERTIFICATE OF OCCUPANCY. THE BUILDING DEPARTMENT WILL ONLY ISSUE A CERTIFICATE OF OCCUPANCY AFTER ALL SPECIAL INSPECTION REPORTS AND THE FINAL SPECIAL INSPECTION REPORT HAVE BEEN SUBMITTED AND ACCEPTED.

E. REGISTERED DESIGN PROFESSIONAL RESPONSIBILITIES

1. THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (ENGINEER OR ARCHITECT) SHALL INCLUDE SPECIAL INSPECTION REQUIREMENTS AND SPECIFICATIONS ON THE PLANS.
2. PREPARE THE STATEMENT OF SPECIAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1704.3.1 AND IDENTIFY STRUCTURAL TESTING FOR SEISMIC RESISTANCE PER IBC SECTION 1705.13 (WHEN REQUIRED). THE STATEMENT OF SPECIAL INSPECTIONS SHALL IDENTIFY ITEMS FABRICATED ON THE PREMISES OF AN APPROVED FABRICATOR WHERE SPECIAL INSPECTIONS ARE NOT REQUIRED BY SECTION 1704.2.5.1.
3. REVIEW THE SPECIAL INSPECTION REPORTS AND PROVIDE CORRECTIVE ACTION FOR WORK THAT MAY NOT CONFORM TO THE APPROVED PLANS.

SOILS & FOUNDATION CONSTRUCTION - IBC SECTION 1705.6, 1705.7, 1705.8 AND 1705.9

VERIFICATION AND INSPECTION	REQUIRED	EXTENT (CONTINUOUS, PERIODIC, OR SUBMITTAL)	REFERENCED STANDARD
1. INSPECTION OF SOILS			
A. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	YES	P	IBC TABLE 1705.6
B. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	YES	P	
C. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	YES	P	
D. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	YES	C	
E. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	YES	P	
2. DRIVEN DEEP FOUNDATIONS			
A. VERIFY ELEMENT MATERIALS, SIZES AND LENGTHS COMPLY WITH THE REQUIREMENTS.		C	IBC TABLE 1705.7
B. DETERMINE CAPACITIES OF TEST ELEMENTS AND CONDUCT ADDITIONAL LOAD TESTS, AS REQUIRED.		C	
C. OBSERVE DRIVING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.		C	
D. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, (VERIFY TYPE AND SIZE OF HAMMER, RECORD NUMBER OF BLOWS PER FOOT OF PENETRATION, DETERMINE REQUIRED PENETRATION TO ACHIEVE DESIGN CAPACITY, RECORD TOP AND BUTT ELEVATIONS AND DOCUMENT DAMAGE TO FOUNDATION ELEMENT.		C	
E. FOR STEEL ELEMENTS, PERFORM ADDITIONAL INSPECTION IN ACCORDANCE WITH IBC SECTION 1705.2.			
F. FOR CONCRETE ELEMENTS AND CONCRETE-FILLED ELEMENTS, PERFORM ADDITIONAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1705.3.			
G. FOR SPECIALTY ELEMENTS, PERFORM ADDITIONAL INSPECTIONS AS DETERMINED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.			
3. CAST-IN-PLACE DEEP FOUNDATIONS			
A. INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.		C	IBC TABLE 1705.8
B. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, (CONFIRM ELEMENT DIAMETER, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END-BEARING STRATA CAPACITY, RECORD CONCRETE OR GROUT VOLUMES.		C	
C. FOR CONCRETE ELEMENTS, PERFORM TESTS AND ADDITIONAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1705.3.			
4. HELICAL PILE FOUNDATIONS			
A. INSPECT PILE INSTALLATIONS AND RECORD INSTALLATION EQUIPMENT USED, PILE DIAMETERS, TIP ELEVATIONS, FINAL DEPTH, FINAL INSTALLATION TORQUE AND OTHER PERTINENT INSTALLATION DATA AS REQUIRED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.		C	IBC 1705.9

CONCRETE CONSTRUCTION - IBC SECTION 1705.3

VERIFICATION AND INSPECTION	REQUIRED	EXTENT (CONTINUOUS, PERIODIC, OR SUBMITTAL)	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	YES	P	ACI 318: 20.2.2, 20.3, 20.5, 26.6.1-26.6.3	1908.4
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.3, ITEM (b).				
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.		P	AWS D1.4; ACI 318:26.6.4	
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND		P	AWS D1.4; ACI 318:26.6.4	
C. INSPECT ALL OTHER WELDS.		C	AWS D1.4; ACI 318:26.6.4	
3. INSPECTION OF ANCHORS CAST IN CONCRETE.	YES	P	ACI 318: 17.8.2	
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. (SEE NOTE 1.)				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARD INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.		C	ACI 318: 17.8.2.4	
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	YES	P	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	YES	P	ACI 318: CH 19, 20.6.2, 26.4.3	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	YES	C	ASTM C 172 ASTM C 39 ACI 318: 26.4, 26.5	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	YES	C	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	YES	P	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECTION OF PRESTRESSED CONCRETE:				
A. APPLICATION OF PRESTRESSING FORCES.		C	ACI 318: 26.10	-
B. GROUTING OF BONDED PRESTRESSING TENDONS.		C	ACI 318: 26.10	-
10. INSPECT ERECTION OF PRECAST MEMBERS.		P	ACI 318: CH 26.8	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		P	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		P	ACI 318: 26.11.1(b)	-

NOTES:

1. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING PROFESSIONAL PRIOR TO THE COMMENCEMENT OF THE WORK.

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCKS TRUE

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

PACIFIC ENGINEERING
200 S. COLUMBIA STREET, SUITE 300, WENATCHEE, WA 98801
(509) 663-1161 www.pacificengineering.net

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION
-	1/31/23	-	-	CONSTRUCTION ISSUE

DESIGNED BY: API
DRAWN BY: MGM
CHECKED BY: MRR
APPROVED BY:
SCALE: AS NOTED
DATE: 1/31/23

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

SPECIAL INSPECTIONS

S1.1

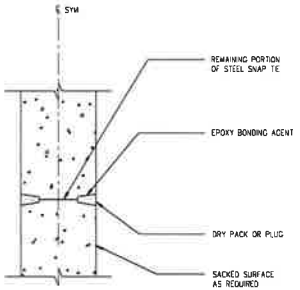
SHEET #: 22 OF 30

a:\31_2023\4 Dwg\mcdonald

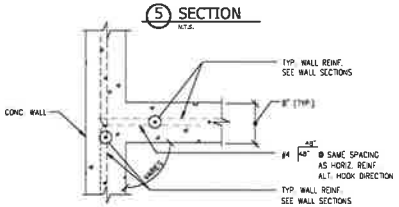
TYPICAL NOTES THIS SHEET:

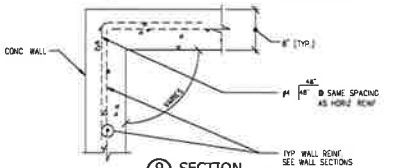
1. ALL EXPOSED CONCRETE SURFACES SHALL HAVE ¾" CHAMFER EACH CORNER.
2. ALL EXPOSED CONCRETE SURFACES SHALL HAVE A SAND/CEMENT SACKED FINISH SURFACE
3. ALL SNAP TIE HOLES SHALL BE DRY PACKED WITH HIGH STRENGTH GROUT APPLY TWO PART EPOXY BONDING AGENT TO HOLE PRIOR TO APPLICATION OF GROUT. ALTERNATIVELY, HOLE MAY BE FILLED WITH A PRE CAST CONCRETE PLUG BOND PLUG TO EXISTING SNAP TIE HOLE WITH THE TWO PART EPOXY BONDING AGENT. SEE 5/- FOR ADDITIONAL INFORMATION
4. ALL COLD JOINTS WHERE REINFORCING STEEL INTERSECTS THE JOINT SHALL HAVE A ROUGHENED SURFACE TO AN APPROXIMATE AMPLITUDE OF ¼" UNLESS A KEYWAY IS SPECIFIED SEE 4A/- AND 4B/- FOR KEYWAY INFORMATION
5. SEE 1/S1.0 FOR REBAR FABRICATION DETAIL
6. ALL REBAR, DOWELS, AND ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO POURING OF CONCRETE. WET SETTING OF REBAR, DOWELS, OR ANCHOR BOLTS IS NOT ACCEPTABLE.
7. FASTEN WALKWAY GRATING IN ACCORDANCE WITH MANUFACTURERS WRITTEN SPECIFICATIONS AND INSTRUCTIONS.

1 NOTES
NO SCALE



5 SECTION
N.T.S.





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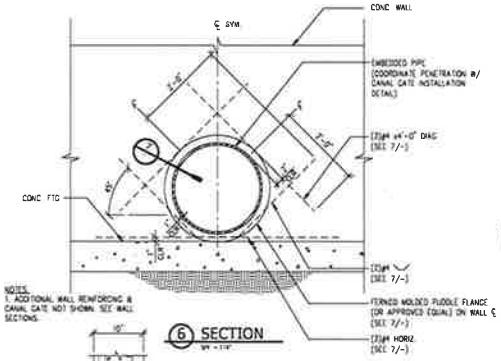

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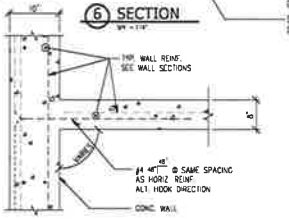

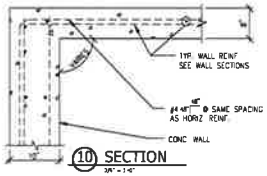

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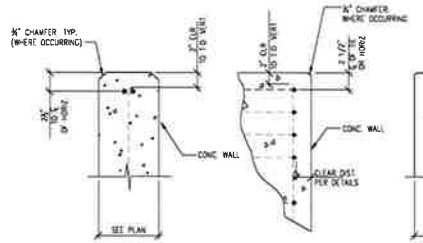
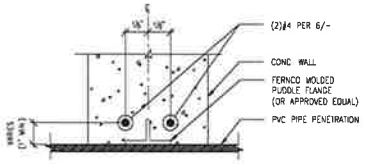
3/4" = 1'-0"

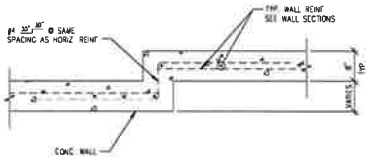


3A SECTION
3B SECTION
3C SECTION

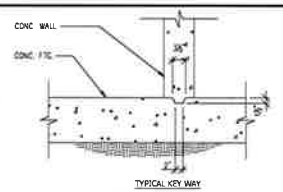
3 SECTION
N.T.S.



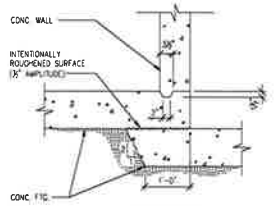
7 SECTION
3/4" = 1'-0"



11 SECTION
3/4" = 1'-0"



4A SECTION
3/4" = 1'-0"



4B SECTION
3/4" = 1'-0"

PLAN INTENDED TO BE VIEWED IN COLOR. ADJACENT BLOCKS BLUE

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

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(509) 662-1161 www.pacificengineering.net

REVISIONS				
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DRAWN BY MGM
CHECKED BY MRR
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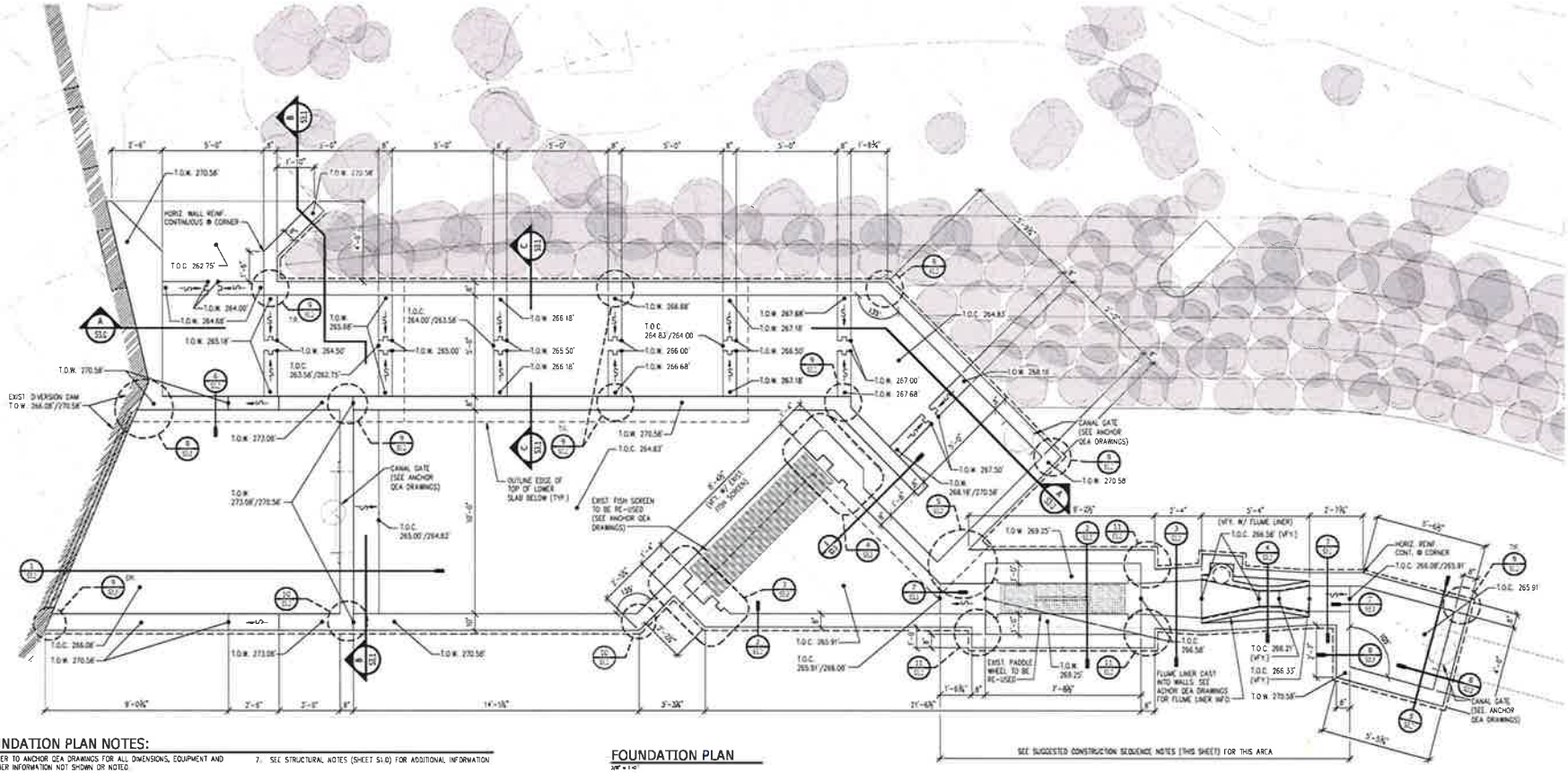
SCALE AS NOTED
DATE 1/31/23

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

CONCRETE STANDARD DETAILS

S1.2

SHEET # 23 OF 30



FOUNDATION PLAN

FOUNDATION PLAN NOTES:

1. REFER TO ANCHOR QEA DRAWINGS FOR ALL DIMENSIONS, EQUIPMENT AND OTHER INFORMATION NOT SHOWN OR NOTED.
2. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK. ALL CONSTRUCTION DOCUMENTS SHOWING EXISTING CONSTRUCTION ARE INTENDED AS GUIDELINES ONLY. ALL DIMENSIONS MUST BE VERIFIED AND/OR DETERMINED IN THE FIELD.
3. THE CONSTRUCTION DOCUMENTS MAY NOT SHOW SOME OBSTRUCTIONS. EVEN THOUGH NOT SHOWN OR SPECIFICALLY MENTIONED, THE REMOVAL AND REPLACEMENT OF MINOR OBSTRUCTIONS SHOULD BE ANTICIPATED AND ACCOMPLISHED.
4. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AND/OR SHORING OF THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
5. SEE GEOTECHNICAL REPORT FOR SOIL PREPARATION REQUIREMENTS.
6. DO NOT BACKFILL WALLS FOR 21 DAYS OR UNTIL CONCRETE REACHES DESIGN STRENGTH PER CYLINDER TESTS.
7. SEE STRUCTURAL NOTES (SHEET S1.0) FOR ADDITIONAL INFORMATION.
8. SEE 1/S1.2 FOR ADDITIONAL INFORMATION.
9. LEGEND:
   - T.O.W. -DENOTES TOP OF WALL ELEVATION.
   - T.O.C. -DENOTES TOP OF CONCRETE ELEVATION.
   - —∿— -DENOTES CONCRETE SURFACE SLOPE DIRECTION.

SUGGESTED CONSTRUCTION SEQUENCE AT PADDLE WHEEL & PARSHALL FLUME:

1. CONSTRUCT CONCRETE FLOOR SLAB (FOOTING).
2. FORM WALLS WITH FLUME LINER IN PLACE AND INSTALL REBAR FOR FLOOR OVERLAY SLAB IN THE AREA BELOW THE FLUME LINER (LONGITUDINAL BARS SHALL EXTEND A MINIMUM OF 2'-0" BEYOND ENDS OF LINER).
3. INSTALL FORMS AT EACH END OF FLUME TO CONTAIN CONCRETE BELOW FLUME LINER.
4. POUR WALLS AND CONCRETE BELOW LINER.
5. INSTALL REBAR, FORM AND POUR OVERLAY SLAB UPSTREAM AND DOWNSTREAM OF FLUME LINER.

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCKS IS BLUE

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

PACIFIC ENGINEERING
200 S. COLUMBIA STREET, SUITE 200, WENATCHEE, WA 98801
(509) 663-5161 www.pacificengineering.net

REVISIONS				
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-	1/31/23	-	-	CONSTRUCTION ISSUE

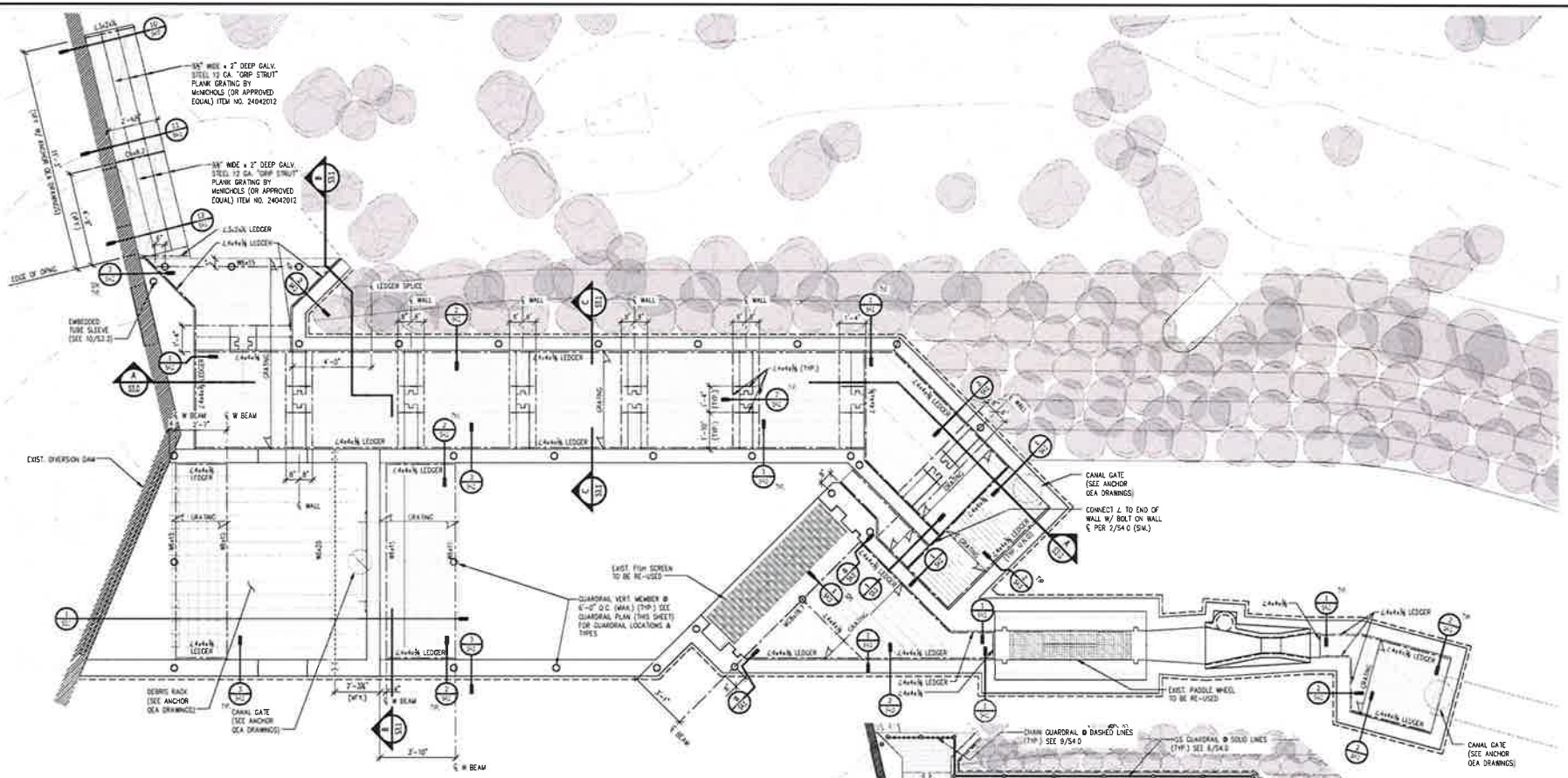
DESIGNED BY: APJ
DRAWN BY: MGM
CHECKED BY: MRR
APPROVED BY:
SCALE: AS NOTED
DATE: 1/31/23

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

FOUNDATION PLAN

S2.0

SHEET # 24 OF 30



PLAN NOTES:

1. STEEL GRATING SHALL BE 1⅛"x⅛" WELDED BAR GRATING BY MCNICHOLS OR APPROVED EQUAL. GRATING SHALL BE HOT-DIPPED GALVANIZED WITH A SERRATED WALKING SURFACE
2. LEGEND:
   ⟷ -DENOTES GRATING SPAN DIRECTIONS.

STEEL GRATING PLAN

3/8" = 1'-0"

GUARDRAIL PLAN

3/16" = 1'-0"

ONE INCH AT FULL SIZE IF NOT ONE INCH SCALE ACCORDINGLY

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCKS IS 'BLUE'

ANCHOR QEA

PACIFIC ENGINEERING
300 S. COLUMBIA STREET, SUITE 200, WENATCHEE, WA 98801
(509) 663-3155 www.pacificengineering.net

REVISIONS				
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-	1/31/23	-	-	CONSTRUCTION ISSUE

DESIGNED BY AP.
DRAWN BY MGM
CHECKED BY MRR
APPROVED BY
SCALE AS NOTED
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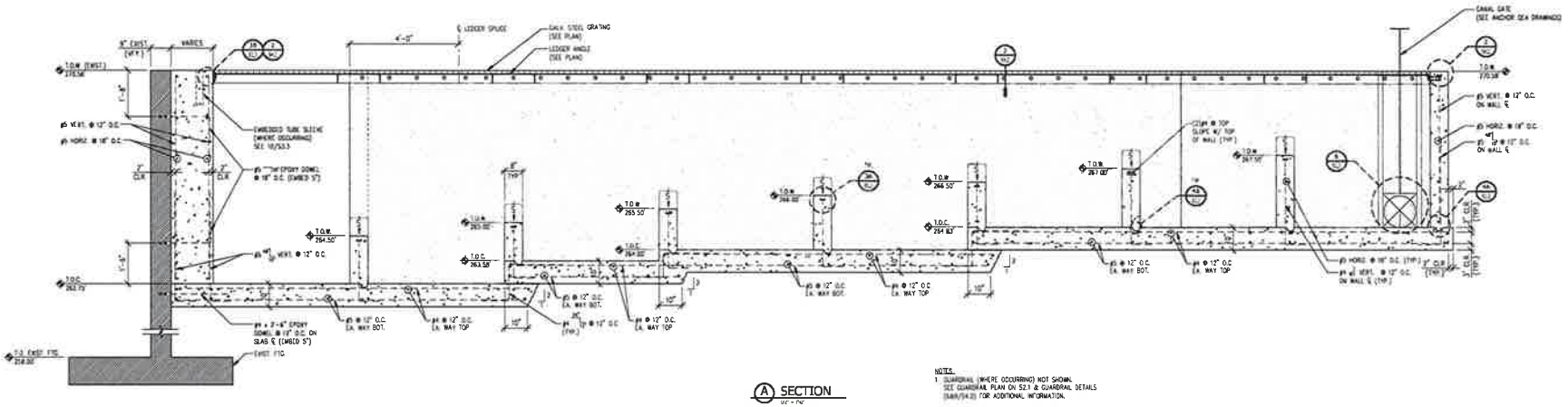
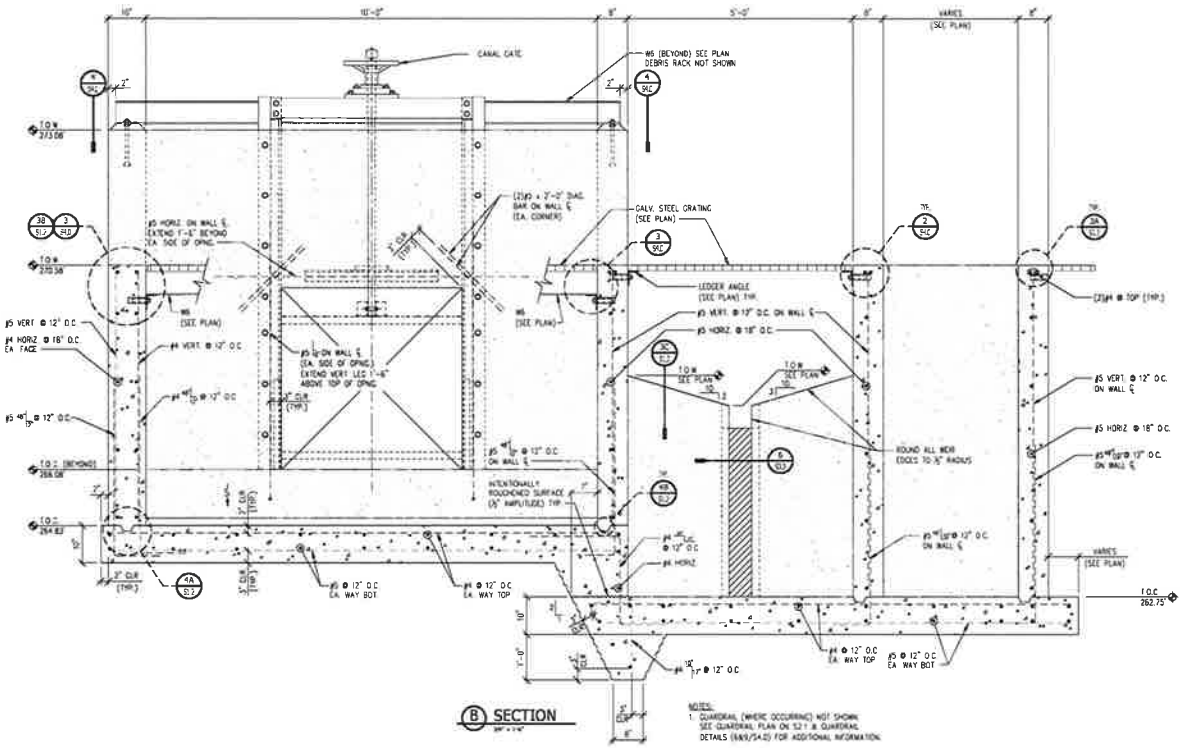
MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

STEEL GRATING PLAN

S2.1

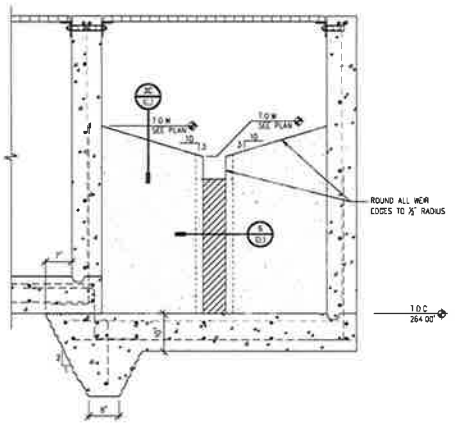
SHEET # 25 OF 30


CANAL GATE
(SEE ANCHOR QEA DRAWINGS)
4'-0"
℄ LEDGER SPLICE
GALV. STEEL GRATING
(SEE PLANS)
LEDGER ANGLE
(SEE PLANS)
EMBEDDED TUBE SLEEVE
(WHERE OCCURRING)
SEE 10/S3.3
#5 VERT. @ 12" O.C.
#5 HORIZ. @ 18" O.C.
#5 VERT. @ 12" O.C.
ON WALL ℄
#5 HORIZ. @ 18" O.C.
#5 @ 12" O.C.
ON WALL ℄
#5 @ 12" O.C.
EA. WAY BOT.
#5 @ 12" O.C.
EA. WAY TOP
#5 @ 12" O.C.
EA. WAY BOT.
#5 @ 12" O.C.
EA. WAY TOP
#5 @ 12" O.C.
EA. WAY BOT.
#5 @ 12" O.C.
EA. WAY TOP
#5 @ 12" O.C.
EA. WAY BOT.
#5 @ 12" O.C.
EA. WAY TOP
#5 HORIZ. @ 18" O.C. (TYP.)
#5 VERT. @ 12" O.C.
ON WALL ℄ (TYP.)
#5 @ 12" O.C.
(TYP.)
#5 @ 12" O.C.
(TYP.)
#5 @ 12" O.C.
(



B SECTION

NOTES:
1. GUARDRAIL (WHERE OCCURRING) NOT SHOWN SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS (6&9/S4.0) FOR ADDITIONAL INFORMATION



NOTES:
1. SEE B/- FOR ADDITIONAL INFORMATION
2. GUARDRAIL (WHERE OCCURRING) NOT SHOWN SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS (6&9/S4.0) FOR ADDITIONAL INFORMATION

C SECTION

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCKS "BLUE"

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

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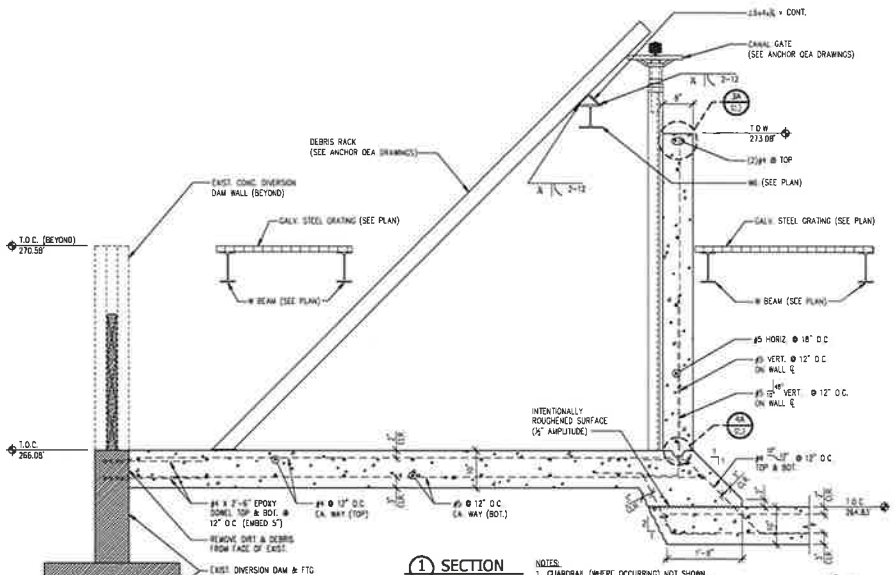
MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

SECTIONS

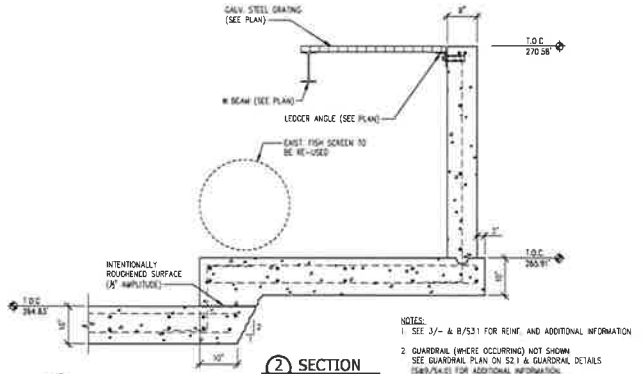
S3.1

SHEET # 27 OF 30



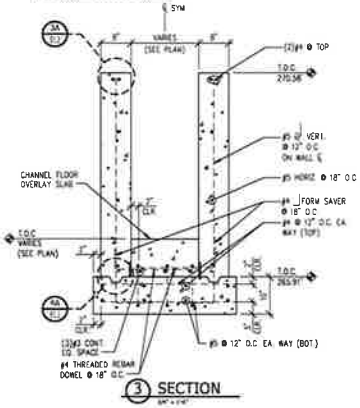
1 SECTION

NOTES:
1. GUARDRAIL (WHERE OCCURRING) NOT SHOWN.
SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL
DETAILS (S6.9/S4.0) FOR ADDITIONAL INFORMATION.

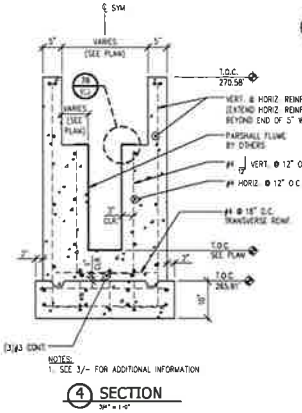


2 SECTION

NOTES:
1. SEE 3/– & 8/S3.1 FOR REINF. AND ADDITIONAL INFORMATION.
2. GUARDRAIL (WHERE OCCURRING) NOT SHOWN.
SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS
(S6.9/S4.0) FOR ADDITIONAL INFORMATION.

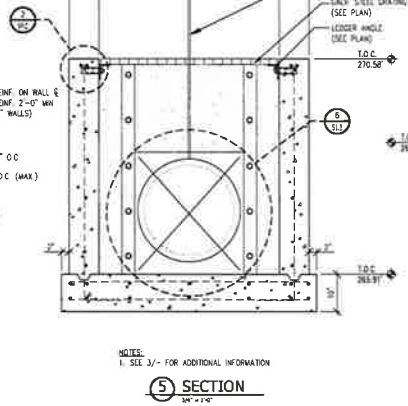


3 SECTION



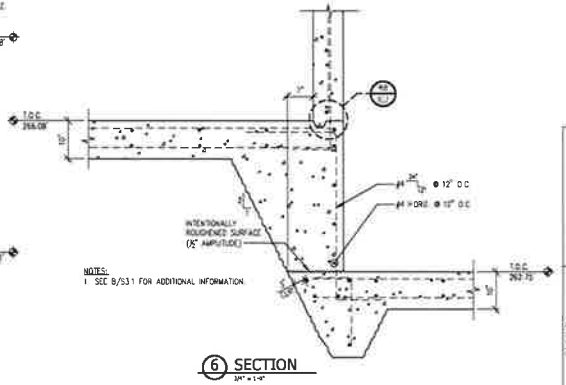
NOTES:
1. SEE 3/– FOR ADDITIONAL INFORMATION

4 SECTION



NOTES:
1. SEE 3/– FOR ADDITIONAL INFORMATION

5 SECTION



NOTES:
1. SEE B/S3.1 FOR ADDITIONAL INFORMATION.

6 SECTION

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCKS 'BLUE'

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

PACIFIC ENGINEERING
200 S. COLUMBIA STREET, SUITE 300, WENATCHEE, WA 98801
(509) 663-1163 www.pacificengineering.net

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION
-	1/31/23	-	-	CONSTRUCTION ISSUE

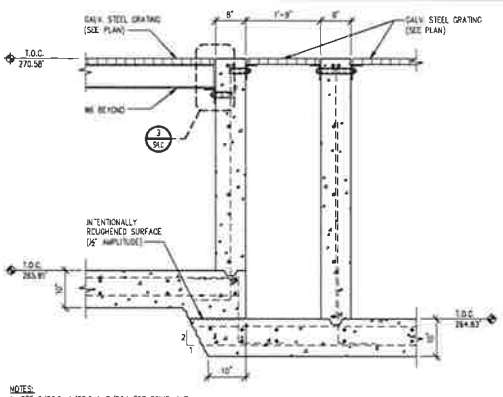
DESIGNED BY: AJ
DRAWN BY: MGM
CHECKED BY: MRR
APPROVED BY:
SCALE: AS NOTED
DATE: 1/31/23

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

CONCRETE DETAILS

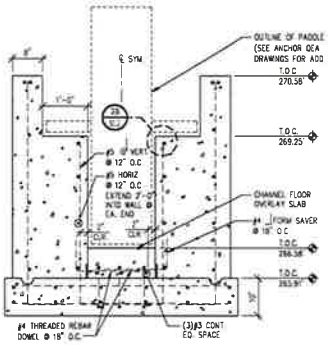
S3.2

SHEET # 28 OF 30



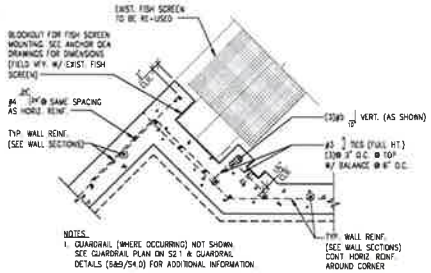
NOTES:
1. SEE 3/S3.2, A/S3.0 & B/S3.1 FOR REINF. AND ADDITIONAL INFORMATION.
2. GUARDRAIL (WHERE OCCURRING) NOT SHOWN. SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS (6&9/S4.0) FOR ADDITIONAL INFORMATION.

1 SECTION
3/4" = 1'-0"



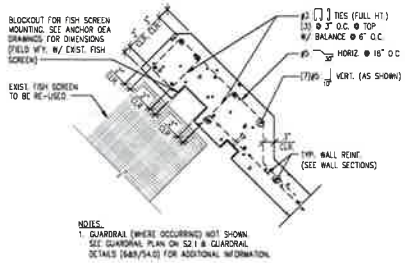
NOTES:
1. SEE 3/S3.2 FOR REINF. AND ADDITIONAL INFORMATION

2 SECTION
3/4" = 1'-0"



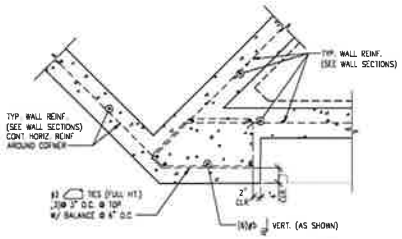
NOTES:
1. GUARDRAIL (WHERE OCCURRING) NOT SHOWN. SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS (6&9/S4.0) FOR ADDITIONAL INFORMATION.

3 PLAN
3/4" = 1'-0"



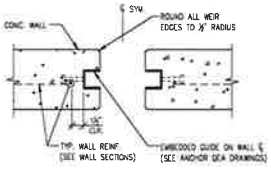
NOTES:
1. GUARDRAIL (WHERE OCCURRING) NOT SHOWN. SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS (6&9/S4.0) FOR ADDITIONAL INFORMATION.

4 PLAN
3/4" = 1'-0"

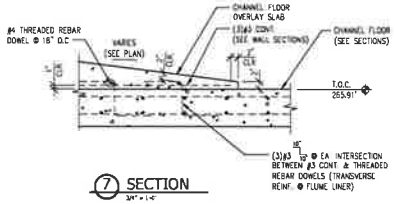


5 PLAN
3/4" = 1'-0"

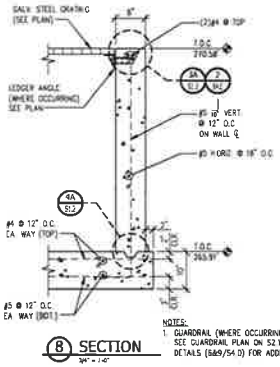
NOTES:
1. SEE SEE PLAN AND ANCHOR QEA DRAWINGS FOR ALL DIMENSIONS
2. GUARDRAIL (WHERE OCCURRING) NOT SHOWN. SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS (6&9/S4.0) FOR ADDITIONAL INFORMATION



6 PLAN
1 1/2" = 1'-0"

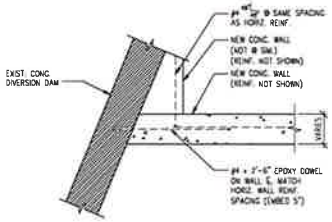


7 SECTION
3/4" = 1'-0"

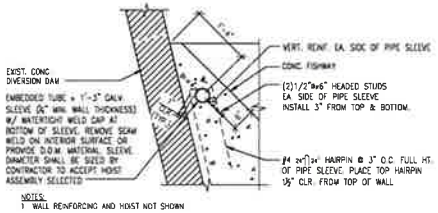


NOTES:
1. GUARDRAIL (WHERE OCCURRING) NOT SHOWN. SEE GUARDRAIL PLAN ON S2.1 & GUARDRAIL DETAILS (6&9/S4.0) FOR ADDITIONAL INFORMATION.

8 SECTION
3/4" = 1'-0"



9 PLAN
3/4" = 1'-0"



NOTES:
1. WALL REINFORCING AND HOIST NOT SHOWN

10 PLAN
3/4" = 1'-0"

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCK IS "BLUE"

ONE INCH AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

PACIFIC ENGINEERING
300 E. COLUMBIA STREET, SUITE 300, WENATCHEE, WA 98801
(509) 663-5163 www.pacificengineering.net

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION
-	1/31/23	-	-	CONSTRUCTION ISSUE

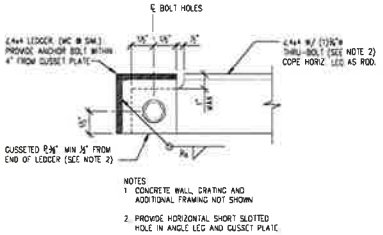
DESIGNED BY APJ
DRAWN BY MGM
CHECKED BY MRR
APPROVED BY
SCALE AS NOTED
DATE 1/31/23

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

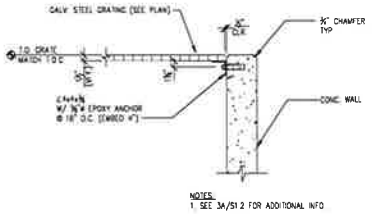
CONCRETE DETAILS

S3.3

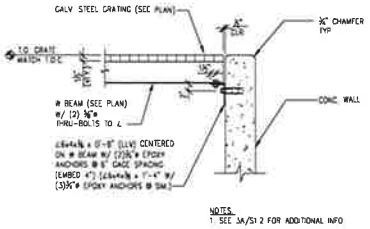
SHEET # 29 OF 30



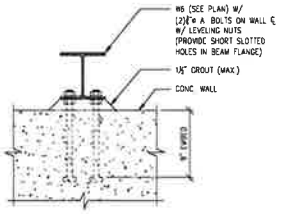
1 SECTION



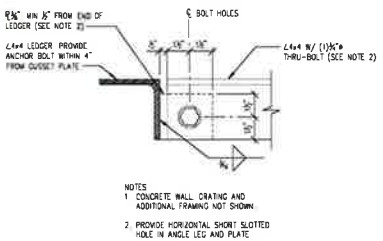
2 SECTION



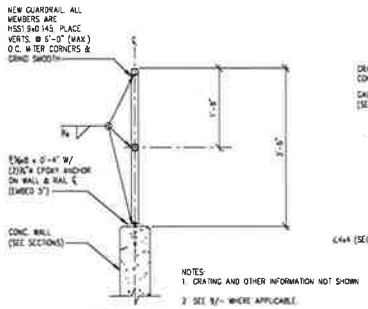
3 SECTION



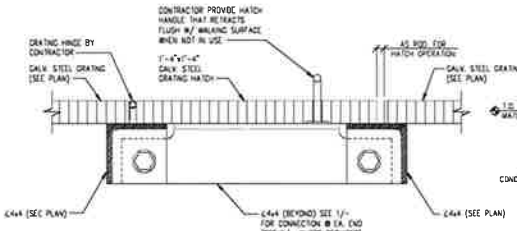
4 SECTION



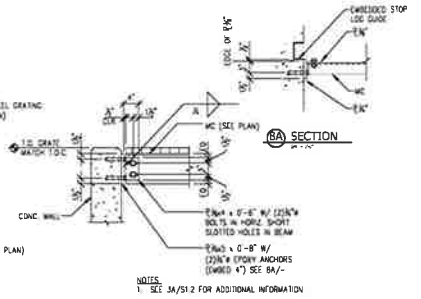
5 SECTION



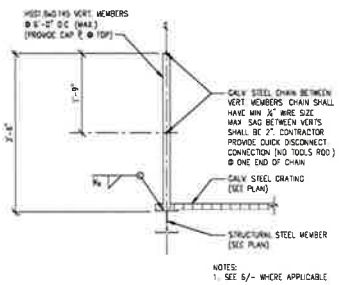
6 SECTION



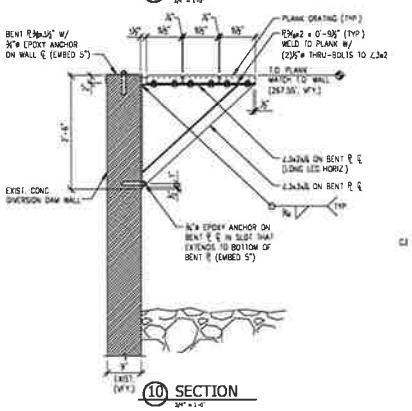
7 SECTION



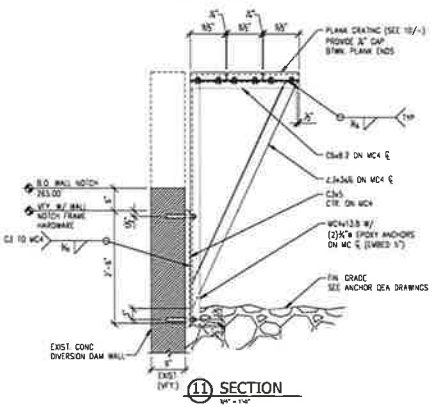
8A SECTION



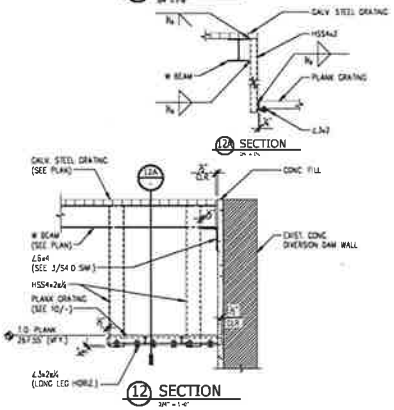
9 SECTION



10 SECTION



11 SECTION



12 SECTION

PLAN INTENDED TO BE VIEWED IN COLOR. ADJACENT BLOCKS BLUE

ONE INCH at FULL SIZE PLOT. IF NOT ONE INCH SCALE ACCORDINGLY

ANCHOR QEA

PACIFIC ENGINEERING
200 S. COLUMBIA STREET, SUITE 200 . WENATCHEE, WA 98801
(509) 663-5161 www.pacificengineering.net

REVISIONS				
REV.	DATE	BY	APP'D	DESCRIPTION
-	1/31/23	-	-	CONSTRUCTION ISSUE

DESIGNED BY APJ
DRAWN BY: MGM
CHECKED BY MRR
APPROVED BY
SCALE AS NOTED
DATE 1/31/23

MCDONALD CREEK IRRIGATION AND FISH PASSAGE IMPROVEMENT PROJECT

STEEL DETAILS

S4.0

SHEET • 30 OF 30

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5A

AGENDA ITEM SUMMARY

MAR 14 2023

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC

WORK SESSION ☒ **Meeting Date: 3-13-23**

REGULAR AGENDA ☒ **Meeting Date: 3-14-23**

Required originals approved and attached? ☐
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other - Notice

Documents exempt from public disclosure attached: ☐

Executive summary:
Board of Clallam County Commissioner will consider adopting by Resolution the attached budget revisions on March 28, 2023.
Budget revisions – Transfer or reallocations between departments within the same fund, or anytime a reallocation within the same budget would authorize a new permanent position or a new capital purchase.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
See attached form(s).

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Approve the attached notice – Budget revisions.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners

Relevant Departments: All Departments

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Questions? Call Loni Gores, Clerk of the Board, ext 2256

NOTICE OF BUDGET REVISION MEETING

Notice is hereby given Clallam County will adopt by Resolution of the Board the budget revision shown below on March 28, 2023 at 10 a.m. in the Commissioners' Meeting Room (160), Clallam County Courthouse.

Sheriff – Jail – Contracted costs for Norpoint Services to provide courthouse security for the month of February 2023/$19,140
Parks & Facilities – Capital Projects – Reallocation of funds for the repair project at Lake Pleasant/$50,000

A copy of the budget change forms may be reviewed at the office of the Board of County Commissioners from 8 a.m. to 4:30 p.m., Monday through Friday.

BOARD OF CLALLAM COUNTY COMMISSIONERS

Mark Ozias, Chair

Date: March 14, 2023

Publish: March 18
Bill: Commissioners' Office

c: Budget Director
Department(s)
Treasurer

DRAFT

RECEIVED
CLALLAM CO. FINANCE
FEB 24 2023

CLALLAM COUNTY BUDGET CHANGE FORM

Date Submitted: 2/23/23 **Budget Hearing/Meeting Date:** 3/28/23 ✓

__ **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

__ **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

__ **Non-debatable Emergency** – for the relief of a stricken community requiring immediate address; to meet mandatory expenditures required by law

X ✓ **Budget Revision** – transfers or reallocations between departments within the same fund, or anytime a reallocation within the same budget would authorize a new permanent position or a new capital purchase

__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.815	**Budget Name**	Sheriff – Jail

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.815	Sheriff - Jail	52360.10.0010 ✓	Regular Time	19,140
Total				19,140

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.815	Sheriff - Jail	52360.41.1030 ✓	Personnel Services	19,140
Total				19,140

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

Contracted costs for Norpoint Services to provide Courthouse security for the month of February 2023 total $19,140. These costs are not budgeted, so we need to transfer budget from our staff salary lines into the professional services line. The staff salary lines have extra budget based on open positions that we are currently in the process of filling.

County Official Approval: _____
(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

40

CLALLAM CO. FINANCE

MAR 0 2 2023

CLALLAM COUNTY BUDGET CHANGE FORM

Date Submitted: 3/02/2023 ✓ **Budget Hearing/Meeting Date:** 3/28/2023 ✓

__ **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

__ **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

__ **Non-debatable Emergency** – for the relief of a stricken community requiring immediate address; to meet mandatory expenditures required by law

X ✓ **Budget Revision** – transfers or reallocations between departments within the same fund, or anytime a reallocation within the same budget would authorize a new permanent position or a new capital purchase

__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	30501.911 ✓	**Budget Name**	Parks & Facilities – Capital Projects ✓

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
30501.911 ✓	Parks & Facilities – Capital Projects ✓	59419.62.2250 ✓	Camp David Repair/Improvements	50,000
Total				50,000

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
30501.911 ✓	Parks & Facilities – Capital Projects ✓	59419.62.2245 ✓	Lake Pleasant Repair/Improvements	50,000
Total				50,000

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

Did not receive piling repair grant for Lake Pleasant, which necessitated a consolidation of budgets to provide for the completion of the higher priority project at Lake Pleasant. The camp David Piling repairs will be completed in future budget year(s).

County Official Approval: KMCall

(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

42

5b

AGENDA ITEM SUMMARY

(Must be submitted NLT 3PM Wednesday for next week agenda)

MAR 14 2023

Department: BOCC

WORK SESSION ☒ **Meeting Date: 3/13/23**

REGULAR AGENDA ☒ **Meeting Date: 3/14/23**

Required originals approved and attached? ☐
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other - Notice

Executive summary:
Board of Clallam County Commissioner will consider adopting by Resolution the attached supplemental appropriations on March 28, 2023.
Supplemental appropriations – increased expenditures due to unanticipated federal, state, and local funds.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
See attached form(s).

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Approve the attached notice of supplemental appropriations.

County Official signature & print name: Loni Gores Loni Gores, Clerk

Name of Employee/Stakeholder attending meeting: Board of Commissioners

Relevant Departments: All Departments

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Budget Supplementals 3-14-23
Revised: 3-04-2019

Questions? Call Loni Gores, Clerk of the Board, ext 2256

NOTICE OF SUPPLEMENTAL APPROPRIATIONS BUDGET MEETING

Notice is hereby given Clallam County will adopt by Resolution of the Board, the supplemental budget appropriations in the following funds pursuant to RCW 36.40.100, at 10 a.m. on March 28, 2023 in the Commissioners' Meeting Room (160) of the Clallam County Courthouse.

Sheriff – Emergency Services – Expenditures and reimbursement revenue received from state contract E23-186 Emergency Management Preparedness Grant FY22/$46,132
Sheriff – Jail – Funds made available by the Washington State Legislature to assist law enforcement agencies with training costs/$7,191
Sheriff – Operations - Funds made available by the Washington State Legislature to assist law enforcement agencies with training costs/$14,381
Superior Court – Funding from Health Resources & Services Administration (HRSA) grant to for a full-time Early Childhood Court Coordinator position/$85,000

Copies of the budget change forms may be viewed at the office of the Board of Clallam County Commissioners from 8 a.m. to 4:30 p.m., Monday through Friday.

BOARD OF CLALLAM COUNTY COMMISSIONERS

Date: March 14, 2023

Mark Ozias, Chair

Publish: March 18
Bill: Commissioners

c: Budget Director
Treasurer
Department(s)

DRAFT

RECEIVED
CLALLAM CO. FINANCE
FEB 24 2023

CLALLAM COUNTY BUDGET CHANGE FORM

Date Submitted: 2/24/2023 **Budget Hearing/Meeting Date:** 3/28/2023

X **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

__ **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

__ **Non-debatable Emergency** – for the relief of a stricken community requiring immediate address; to meet mandatory expenditures required by law

__ **Budget Revision** – transfers or reallocations between departments within the same fund, or anytime a reallocation within the same budget would authorize a new permanent position or a new capital purchase

__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.817 ✓	**Budget Name**	Sheriff – Emergency Services

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.817	Sheriff – Emergency Services	33397.04.2010 ✓	Homeland Security Emergency Management	46,132
Total				46,132 ✓

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.817 ✓	Sheriff – Emergency Services	52510.31.0020 ✓	Operating Supplies	16,069
00100.817 ✓	Sheriff – Emergency Services	52510.41.0020 ✓	Professional Services	7,000
00100.817 ✓	Sheriff – Emergency Services	52510.41.5130 ✓	Sheriff	1,600
00100.817 ✓	Sheriff – Emergency Services	52510.42.0015 ✓	Cellular Phones	2,500
00100.817 ✓	Sheriff – Emergency Services	52510.47.0090 ✓	Utilities	1,000
00100.817 ✓	Sheriff – Emergency Services	52510.43.0020 ✓	Travel – Training	6,500
00100.817 ✓	Sheriff – Emergency Services	52510.35.0010 ✓	Small Tools/Minor Equipment	5,460
00100.817 ✓	Sheriff – Emergency Services	59425.64.0010	~~Capital Outlay~~ Machinery and Equipment	5,540
00100.293 ✓	General Fund Reserves ✓	50800.00.0000 ✓	Ending Fund Balance	463
Total				46,132 ✓

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

Expenditures and reimbursement revenue received from state contract E23-186 Emergency Management Preparedness Grant FY22.

County Official Approval: _____
(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

37

CLALLAM COUNTY BUDGET CHANGE FORM

RECEIVED
CLALLAM CO. FINANCE
FEB 24 2023

Date Submitted: 2/23/23 **Budget Hearing/Meeting Date:** 3/28/23

X **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

__ **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

__ **Non-debatable Emergency** – for the relief of a stricken community requiring immediate address; to meet mandatory expenditures required by law

__ **Budget Revision** – transfers or reallocations between departments within the same fund, or anytime a reallocation within the same budget would authorize a new permanent position or a new capital purchase

__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.815	**Budget Name**	Sheriff's Office - Jail

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.815	Sheriff's Office - Jail	36991.00.0010	Other Miscellaneous	7,191
Total				7,191

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.815	Sheriff's Office - Jail	52360.43.~~0023~~ 0020	Travel/Training	7,191
Total				7,191

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

WASPC is disbursing funding made available by the Washington State Legislature to assist law enforcement agencies with training costs. Clallam County received a total of $21,571.62, which has been divided between Corrections and Patrol training budgets.

County Official Approval: _____
(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

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CLALLAM COUNTY BUDGET CHANGE FORM

Date Submitted: 2/23/23 **Budget Hearing/Meeting Date:** 3/28/23

X **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

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__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.811	**Budget Name**	Sheriff's Office - Operations

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.811	Sheriff's Office - Operations	36991.00.0010	Other Miscellaneous	14,381
Total				14,381

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.811	Sheriff's Office - Operations	52122.43.0023	Travel/Training Patrol	14,381
Total				14,381

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

WASPC is disbursing funding made available by the Washington State Legislature to assist law enforcement agencies with training costs. Clallam County received a total of $21,571.62, which has been divided between Corrections and Patrol training budgets.

County Official Approval: _____
(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

Revised: J:\SDATA\BUDGETS\2023\Budget Changes\811 WASPC UoF&DT training funds 032823.docx

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MAR 0 3 2023

CLALLAM COUNTY BUDGET CHANGE FORM

3/03/2023

Date Submitted: ~~3/02/23~~ **Budget Hearing/Meeting Date:** 3/28/23

X **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

__ **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

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__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.861	**Budget Name**	Superior Court

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.861	Superior Court	33393.11.0000 DOH	HRSA-Infant Toddler Court Program	$85,000
Total				$85,000

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.861	Superior Court	51221.10.0010	Regular Time	47,997
00100.861	Superior Court	51221.20.0020	Benefits	25,003
00100.861	Superior Court	51221.31.0101	Supplies – Grant	1,500
00100.861	Superior Court	51221.43.0104	Travel/Training – Grant	1,000
00100.861	Superior Court	51221.31.0103	Food – Grant	500
00100.861	Superior Court	51221.31.0102	Furnishings – Grant	500
00100.293	General Fund Reserves	50800.00.0000	Ending Fund Balance	8,500
Total				$85,000

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

Superior Court subaward agreement with The Center for Children & Youth Justices (CCYJ) for a 5-year Federal grant from Health Resources & Services Administration (HRSA) 1U2ZMC46634-01-00 (CFDA #93.110) to fund a full-time Early Childhood Court Coordinator position in the amount of $85,000 annually, for a total amount of $425,000 for the period of 9/30/22 thru 9/30/27.

County Official Approval: _____

(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

SC

AGENDA ITEM SUMMARY

MAR 14 2023

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: BOCC

WORK SESSION ☒ **Meeting Date: 3/13/23**

REGULAR AGENDA ☒ **Meeting Date: 3/14/23**

Required originals approved and attached? ☐
Will be provided on:

Item summary:

☐ Call for Hearing
☐ Contract/Agreement/MOU - Contract #
☐ Resolution
☐ Proclamation
☐ Budget Item
☐ Draft Ordinance
☐ Final Ordinance
☒ Other - Notice

Executive summary:
Board of Clallam County Commissioner will consider adopting by Resolution the attached debatable emergencies on March 28, 2023
Debatable emergency – Public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

Budgetary impact: (Is there a monetary impact? If so, are funds for this already allocated or is a budget change necessary? If this is a contract and a budget change is necessary, the budget change form must be submitted with the item at work session and for the regular agenda) **If a budget action is required, has it been submitted and a copy attached?** ☐
See attached form(s).

Recommended action: (Does the Board need to act? If so, what is the department's recommendation?)
Approve the attached notice of debatable emergencies.

County Official signature & print name: Loni Gores Loni Gores

Name of Employee/Stakeholder attending meeting: Board of Commissioners

Relevant Departments: All Departments

* Work Session Meeting - Submit 1 single sided/not stapled copy
** Regular Meeting – Submit 1 single sided/not stapled copy and originals (1 or 3 copies)

Budget Debatables 3-14-23
Revised: 3-04-2019

Questions? Call Loni Gores, Clerk of the Board, ext 2256

BUDGET RESOLUTION _____, 2023

CALL FOR HEARING FOR DEBATABLE EMERGENCIES IN THE FUNDS LISTED BELOW

THE BOARD OF CLALLAM COUNTY COMMISSIONERS finds as follows:

1. Pursuant to RCW 36.40.140, the following facts constitute a public emergency that could not reasonably have been foreseen at the time of making the budget:

   DCD Administration – Additional funding for a full-time Administrative Assistant II to Code Enforcement, ER&R vehicle lease/rent for additional employees, and training/$44,127
   Prosecuting Attorney – Coroner – Funding approved in 2022 budget for a copier dedicated to the Coroner Division/$13,370
   NonDepartmental – Funding for Greenhous Gas Inventory/$25,717

NOW, THEREFORE, BE IT RESOLVED by the Board of Clallam County Commissioners, in consideration of the above findings of fact:

1. A public hearing on the debatable emergencies listed above will be held March 28, 2023 at 10:30 a.m. in Room 160 of the Clallam County Courthouse.
2. A copy of the budget change forms may be viewed at the office of the Board of Clallam County Commissioners from 8 a.m. to 4:30 p.m., Monday through Friday.

PASSED AND ADOPTED this 14th day of March 2023

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias

_____
Randy Johnson

_____
Mike French

ATTEST:

_____
Loni Gores, CMC, Clerk of the Board

Publish: March 18, 2023
Bill: Commissioners

c: Budget Director
Treasurer
Department(s)

DRAFT

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CLALLAM COUNTY BUDGET CHANGE FORM

Date Submitted: ~~3-2-23~~ 3/3/2023 **Budget Hearing/Meeting Date:** 3-28-23

__ **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

_X_ **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

__ **Non-debatable Emergency** – for the relief of a stricken community requiring immediate address; to meet mandatory expenditures required by law

__ **Budget Revision** – transfers or reallocations between departments within the same fund, or anytime a reallocation within the same budget would authorize a new permanent position or a new capital purchase

__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.331	**Budget Name**	DCD Administration

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.293	General Fund Reserve	50800.00.0000	Ending Fund Balance	44,127
Total				44,127

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.331	DCD Admin	55866.10.0010	Regular Time	29,127
00100.331	DCD Admin	55866.43.0020	Travel – Training	8,000
00100.331	DCD Admin	55866.45.0015	Vehicle Rental/Lease	4,500
00100.331	DCD Admin	55866.49.0060	Registration	2,500
Total				44,127

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

Add a full-time Administrative Assistant II to Code Enforcement, increasing the total labor force FTE to 3.6. Add funding for ER&R vehicle lease/rent for additional employees. Add funding for training. Salary & Benefits are pro-rated from May-mid December since they are not yet hired. Amount of request is approximately $20,000 lower than previously discussed with BOCC due to positions not being filled for the full year in 2023.

County Official Approval: _____
(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

Revised: J:\users\lkennedy\Budget\2023 Budget\0 2023 BUDGET CHANGES\Deb Code Enforcement.docx

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CLALLAM CO. FINANCE
MAR 0 1 2023

CLALLAM COUNTY BUDGET CHANGE FORM

Date Submitted: 02/27/2023 3/1/2023 **Budget Hearing/Meeting Date:** 03/28/2023

__ **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

✓ **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

__ **Non-debatable Emergency** – for the relief of a stricken community requiring immediate address; to meet mandatory expenditures required by law

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__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.843	**Budget Name**	Prosecuting Attorney - Coroner

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.293	General Fund Reserve	50800.00.0000	Ending Fund Balance	13,370.
Total				13,370.

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.843	Prosecuting Attorney – Coroner	56320.35.5500	Information Technology Equipment	3,370.
00100.843	Prosecuting Attorney – Coroner	59463.64.5500	Information Technology Capital	10,000.
Total				13,370.

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

The above funds we are requesting were approved in last year's budget (2022) but were unspent. The IT Capital funds were to be used for a copier dedicated to the Coroner Division – a ticket was submitted to IT but the purchase was not completed. The IT equipment funds were to be used for tech for an additional staff member but the purchase was delayed until we could post the position.

County Official Approval: _____
(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

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Revised: J:\UsersPvt\cwojnowski\Finance\Budget\2023\Budget Modifications\Debatable Emergency 3.23.docx

CLALLAM COUNTY BUDGET CHANGE FORM

Date Submitted: 3/02/2023 **Budget Hearing/Meeting Date:** 3/28/2023

__ **Supplemental Appropriation** – increased expenditures due to unanticipated federal, state, or local funds

X **Debatable Emergency** – public emergency other than a non-debatable emergency which could not reasonably have been foreseen at the time of making the budget, requiring the expenditure of money not provided for in the budget.

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__ **Budget Revision** – transfers or reallocations between departments within the same fund, or anytime a reallocation within the same budget would authorize a new permanent position or a new capital purchase

__ **Budget Reduction** – a reduction in revenues and/or expenditures

Budget Number xxxxx.xxx.	00100.291	**Budget Name**	NonDepartmental

REVENUE/SOURCE

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.293	General Fund Reserves	50800.00.0000	Ending Fund Balance	25,717
Total				25,717

EXPENDITURES

BUDGET NUMBER xxxxx.xxx.	DEPT NAME	BARS NUMBER xxxxx.xx.xxxx	ACCOUNT DESCRIPTION	AMOUNT
00100.291	NonDepartmental	55370.41.0137	Greenhouse Gas Inventory	25,717
Total				25,717

Revenue/Source and Expenditure totals must agree.

REASON FOR BUDGET ACTION:

Unused funding from 2022 for the Cascadia Consulting Group, Inc. in the amount of $16,718 for expenses carried over into 2023. Additional funding of $8,999 is needed for the contract amendment. These funds are used to provide the County with a Greenhouse Gas Inventory.

County Official Approval: _____

(Obtain Budget Office Approval Prior to Submission to Clerk of the Board)

H1

AGENDA ITEM SUMMARY

MAR 14 2023

(Must be submitted NLT 3PM Wednesday for next week agenda)

Department: Sheriff

WORK SESSION ☐ **Meeting Date:**

REGULAR AGENDA ☒ **Meeting Date: 3/14/23**

Required originals approved and attached? ☒
Will be provided on:

Item summary:

☐ Call for Hearing	☐ Contract/Agreement/MOU - Contract #	
☒ Resolution	☐ Proclamation	☐ Budget Item
☐ Draft Ordinance	☐ Final Ordinance	☐ Other

Documents exempt from public disclosure attached: ☐

Executive summary:
Following consideration of testimony at the Public Hearing at 10:30 am, it is requested that the Board pass and adopt the Resolution declaring surplus the real property located at 4308 Nicholas Rd in Port Angeles WA, also known in the Clallam County records as Assessor's Parcel Number 0630095900900 and Property ID Number 64326. This property will be sold at a future date to be determined in coordination between the Sheriff's Office, the Treasurer's office, and the Road Department; either by sealed bid or public auction.

Budgetary impact:
RCW 69.50.505 requires a portion of the sale of a forfeited asset to be remitted to the state, and the remainder to be retained by the seizing law enforcement agency for improving or expanding its controlled substance related law enforcement activity. This funding will be deposited into the Sheriff's Office Drug Task Force budget for their future law enforcement activity expenditures.

Recommended action:
Pass and adopt the Resolution declaring the property described above as surplus.

County Official signature & print name: _____ Brian King, Sheriff

Name of Employee/Stakeholder attending meeting: Chief Deputy Bundy, Admin Specialist Waknitz

Relevant Departments: Sheriff's Office

Date submitted: 3/8/23

RESOLUTION _____, 2023

DECLARING PROPERTY SURPLUS AND AUTHORIZING SALE

THE BOARD OF CLALLAM COUNTY COMMISSIONERS finds as follows:

1. In compliance with Chapter 36.34 RCW and Clallam County Administrative Policy 455, a call for hearing was published March 3 and March 7, 2023, and a public hearing was held March 14, 2023.

2. After consideration of testimony received, the Board of Commissioners has determined that the real property located at 4803 Nicholas Rd in Port Angeles WA, also known in the Clallam County records as Assessor's Parcel Number 0630095900900 and Property ID Number 64326, be declared surplus and sold.

3. It would be in the best interest of the County to sell these surplus properties to the highest bidder, either by sealed bid or public auction. The property would be placed back on the tax rolls and increase revenues for the County and junior taxing districts.

NOW, THEREFORE, BE IT RESOLVED by the Board of Clallam County Commissioners, in consideration of the above findings of fact:

1. The property described above constitutes surplus Clallam County real property.

2. In accordance with RCW 36.34, 36.16.145 and Clallam County Administrative Policy 455, a public sale of the property listed above will be conducted by way of public auction or sealed bid.

3. It is the intention of the board to direct the Sheriff's Office on how to proceed with sale of this property, either by sealed bid or public auction.

PASSED AND ADOPTED this _____ day of _____ 2023

BOARD OF CLALLAM COUNTY COMMISSIONERS

_____
Mark Ozias, Chair

_____
Randy Johnson

ATTEST:

_____
Loni Gores, Clerk of the Board

_____
Mike French