

INTERLOCAL AGREEMENT BETWEEN SNOHOMISH COUNTY AND
THE STILLAGUAMISH TRIBE OF INDIANS
FOR THE TRAFTON FLOODPLAIN RESTORATION PROJECT

This Interlocal Agreement Between Snohomish County and the Stillaguamish Tribe of Indians for the Trafton Floodplain Restoration Project (this “Agreement”), is made by and between Snohomish County, a political subdivision of the State of Washington (the “County”), and the Stillaguamish Tribe of Indians, a federally recognized Indian Tribe (the “Tribe”).

RECITALS

- A. The Tribe owns 158.07 acres in the Trafton Floodplain (“Tribe Premises”), located at 26819 115th Ave NE, Arlington, WA;
- B. The County owns approximately 67 acres of real property commonly referred to as the Trafton Trailhead Park, located at 26718 115th Ave NE, Arlington, WA (“Trafton Trailhead Park”). In addition, the County owns the 27-mile-long Whitehorse Regional Trail which runs between the City of Arlington and the Town of Darrington. A portion of the Whitehorse Regional Trail runs directly adjacent to Trafton Trailhead Park and the Tribe Premises. For purposes of this Agreement, “County Premises” is defined to include (1) the Trafton Trailhead Park, and (2) the section of the Whitehorse Regional Trail from Bridge 701 to Bridge 702 running adjacent to Trafton Trailhead Park and the Tribe Premises;
- C. The Tribe has a roughly 230-acre floodplain restoration project as detailed in the attached Appendix A (the “Project”) along the Tribe Premises and the County Premises;
- D. The Project will result in increased flood protection of the County Premises, the construction of a new recreational trail on the County Premises, and restoration of reach-scale river processes and salmon habitat in the Trafton Floodplain of the North Fork Stillaguamish River;
- E. The County and the Tribe wish to clearly identify each entity’s responsibilities to manage and maintain the County Premises and Tribe Premises before, during and after the Project;
- F. RCW 39.34.080 authorizes public agencies, including the County and the Tribe, to enter into contracts to perform governmental services, activities, or undertakings.

AGREEMENT

NOW, THEREFORE, in consideration of the respective agreements set forth below and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the County and the Tribe agree as follows:

1. PURPOSES OF AGREEMENT

The purpose of this Agreement is to set forth the pre- and post-construction management, monitoring, maintenance and adaptive management responsibilities at both the County Premises and the Tribe Premises to ensure the Project is meeting the Tribe and County's shared and distinct objectives.

2. DURATION OF AGREEMENT

- A. The term of this Agreement is execution through June 30, 2031, (the "Term") unless terminated sooner as provided herein.
- B. As provided by RCW 39.34.080, this Agreement shall not take effect unless and until it has (i) been duly executed by both parties, and (ii) either filed with the County Auditor or posted on the County's Interlocal Agreements website.

3. SCOPE OF PROJECT

As set forth in the plans attached hereto and incorporated herein as Appendix A, the Project includes the restoration of approximately two (2) miles of the North Fork Stillaguamish River and roughly 230 acres of its associated floodplain. The Project will be performed by the Tribe and its selected contractor and will occur across Tribe-owned and County-owned real property. The Project is currently assumed to take two (2) years for substantial completion. Thereafter, the parties shall share responsibilities for monitoring and maintenance, as set forth below.

4. COUNTY RIGHTS AND RESPONSIBILITIES

- A. Upon full execution of this Agreement, the County will grant the Tribe, its employees and contractors, a temporary construction easement, including for access and staging, in substantially the form attached hereto in Appendix "D."
- B. Upon at least two (2) weeks' notice from the Tribe, the County will close the Trafton Trailhead Park to the public for the duration of the Project. In addition, the County will coordinate with the Tribe as necessary for Project implementation to close or modify public access to the section of the Whitehorse Regional Trail located between Bridge 701 to Bridge 702.
- C. The County will issue a Notice to Proceed to the Tribe upon execution of this Agreement and execution of the temporary construction easement described above.
- D. Throughout the duration of the Project, the County reserves the right to inspect and accept or reject all work on County Premises. If the County determines the work contains errors, omissions, or otherwise fails to conform to the requirements of this Agreement, the County shall reject the work by providing the Tribe with written notice describing the problems with the work and describing the necessary corrections or modifications to same. In such event, the Tribe shall promptly remedy the problem or problems and re-submit the work to the County.
- E. Upon notification by the Tribe, the County will inspect and create a punch list of items

to be completed on County Premises prior to substantial and physical completion. The County's approval and acceptance of punch list completion is required for Project closeout.

- F. Following physical completion of the Project, County staff will operate and maintain the newly constructed Fisher Person Trail as part of its regular operation and maintenance of the Trafton Trailhead Park.
- G. Following physical completion of the Project, County staff will continue regular operations and maintenance of the Whitehorse Regional Trail. In addition, County staff will monitor the Whitehorse Regional Trail post-physical completion for any concerns caused by the Project work. Should the County identify any issue with the Project work on the Whitehorse Regional Trail, the Tribe shall promptly remedy the problem or problems to the County's satisfaction.
- H. Upon physical completion of the Project, the County will grant the Tribe, its employees and contractors, a right-of-entry for post-Project monitoring in substantially the form attached hereto in Appendix "E."

5. TRIBE RESPONSIBILITIES

A. PRE-PROJECT IMPLEMENTATION

- a. The Tribe has already provided the County with its 100% design plan set, located at Appendix A. The Tribe agrees to provide the County any other Project documentation upon County request.
- b. The Tribe agrees it will not proceed with any of the Project work on County Premises until it receives from the County the County's Notice to Proceed.
- c. The Tribe shall comply with any State or local requirements regarding use of 115th Avenue NE and survey the existing elevation of the section of the road from SR 530 to the Project site in order to establish the pre-construction condition. The Tribe shall submit all survey documentation to the County.
- d. The Tribe shall be solely responsible for acquiring all permits and licenses as required by law for Project construction. By executing this Agreement, the County does not warrant that any permits or licenses are necessary or not necessary nor does the County waive any such requirements. As of the date of this Agreement, the Tribe has identified and/or obtained the permits listed in Appendix C to this Agreement, the terms and conditions of which are incorporated herein as if fully set forth.

B. DURING PROJECT CONSTRUCTION

- a. The Tribe will perform all Project work on the County Premises during standard County working hours of 7:00 AM and 7:00PM, Monday through Friday, excluding County holidays. Project work may only occur outside of approved work hours only by written authorization of the County.
- b. The Tribe will timely notify and coordinate with the County on any "Substantial Changes" to the Project design elements located on the County Premises and receive written approval from the County prior to implementation. "Substantial Changes" is defined to consist of alterations that would modify the function of the County

Premises or require a contractor change order for approval.

- c. As described in the temporary construction easement found in Appendix D, the County has a tenant residing in real property adjacent to the area of the temporary construction easement. The Tribe agrees to exercise its best efforts to avoid impeding the tenant's access to the leased residence for the duration of the Project.
- d. The Tribe agrees to provide the County with two (2) weeks advance notice for closure of any portion of the County Premises to public use. Notification shall include timing of closure and a diagram or marked map or image showing the areas of the County Premises to be impacted. The County will post notification to the public through digital and physical communication a minimum of three (3) days in advance of the closure. The Tribe shall be solely responsible for providing all physical barricades (other than the existing park tube gate) and any other traffic control equipment and personnel necessary to safely prevent the public from entering the closed areas as well as to control for ingress/egress of the Project Site, including along 115th Ave and Whitehorse Regional Trail, as shown in the project documentation in Appendix A and approved construction submittal from the Tribe's selected contractor(s).
- e. The Tribe agrees to conduct a site visit with County staff prior to Project close-out to identify any punch list items.
- f. The Tribe agrees to repair or replace any damaged infrastructure or vegetation on County Premises to the satisfaction of the County.
- g. The Tribe agrees to conduct a post-construction survey of the elevation of 115th Avenue NE and submit the same to the County for review. Should the survey indicate that repair of 115th Avenue NE is needed to restore it to its pre-construction condition, the Tribe will repair 115th Avenue NE at its sole cost and expense. The Tribe will not be responsible for upgrades that exceed the condition of 115th Avenue NE pre-project.

C. POST-PROJECT COMPLETION

- a. Upon receipt of the fully executed right-of-entry for post-Project monitoring, as described in Section 4I above, the Tribe shall provide staff and resources for the planting, maintenance, and stewardship (for at least 5 years) on the County Premises to ensure native plant cover and density objectives are being met. Maintenance and stewardship may include the use of herbicide and mechanical removal for the control and management of invasive species on both the Tribe and County Premises as described in Appendix B. Further, the Tribe shall monitor and maintain the County Premises as per permit requirements (see Appendix C) and agrees to adaptively manage the Project elements that are not meeting objectives as defined in the permits.
- b. The Tribe shall provide electronic copies of the following Project documents to the County within five (5) days of written request from the County:
 - i. All investigative studies, reports and analysis (.pdf)
 - ii. Survey (.dwg and .pdf)
 - iii. Approved construction plans, specifications and engineer's estimate (.dwg, .pdf)

- iv. Approved permits
- v. Construction Testing Reports
- vi. As-built or record drawings (.dwg, .pdf)

D. PREVAILING WAGE

The Tribe agrees to comply with the prevailing wage provisions of RCW 39.12.010-39.12.030 on all contracts for any work, construction, alteration, repair or improvement on the County Premises. Failure to comply with this section shall constitute a default under the terms of this Agreement unless otherwise cured within thirty (30) days of notice of such default.

6. PERFORMANCE

The Tribe shall furnish and supply all necessary labor, supervision, machinery, equipment, material and supplies other than those required to be furnished by the County under the terms of this Agreement. Any materials or equipment used by the Tribe in connection with performing the work under this Agreement shall be of good quality. The Tribe agrees to complete all work described in Appendix A in a timely and professional manner and in accordance with generally accepted floodplain restoration practices prevailing in the western Washington region. The Tribe may use subconsultants or subcontractors to complete any portion of the work described in Appendix A.

7. INDEPENDENT CONTRACTOR

The Tribe will perform all services under this Agreement as an independent contractor and not as an agent, employee, or servant of the County. The Tribe shall be solely responsible for control, supervision, direction and discipline of its personnel, who shall be employees and agents of the Tribe and not the County. The Tribe has the express right to direct and control the Tribe's activities in accordance with the specifications set out in this Agreement. The County shall only have the right to ensure performance.

8. COUNTY'S POWERS

Nothing contained herein shall be construed as in any way divesting the County of any of its powers with respect to the supervision, management, and control of County property, roads and streets within its boundaries.

9. ADMINISTRATION OF AGREEMENT

Each party to this Agreement shall designate an individual who may be designated by title or position to oversee and administer such party's participation in this Agreement. The parties' Administrators shall be the following individuals:

Parks Division Manager
Rich Patton
6705 Puget Park Drive
Snohomish, WA 98296
Phone: 425-388-6618
Email: rich.patton@snoco.org

Environmental Program Manager
Jason Griffith
3322 236th St NE
Arlington, WA 98223
Phone: 360-631-0868
Email: jgriffith@stillaguamish.com

Senior Park Planner
Emily Griffith
6705 Puget Park Drive
Snohomish, WA 98296
Phone: 425-388-6620
Email: emily.griffith@snoco.org

Fisheries Biologist
Charlotte Scofield
3322 236th St NE
Arlington, WA 98223
Phone: 360-547-2690
Email: cscofield@stillaguamish.com

Either party may change its Administrator at any time by delivering written notice of such party's new Administrator to the other party.

10. AUDIT AND INSPECTION

The County and the Tribe shall maintain records pursuant to this Agreement in accordance with generally accepted accounting principles and practices consistently applied. The County and Tribe's records shall be available for inspection and audit by one another, the State Auditor, federal auditors, and any persons duly authorized by the parties. The Tribe and County shall preserve and make such records available to said parties until expiration of six (6) years from the date of final Project completion under this Agreement.

11. ENTIRETY OF AGREEMENT

This Agreement constitutes the entire agreement between the County and the Tribe and supersedes all proposals, oral and written, and all other communication between the parties in relation to the subject matter of this Agreement. No other agreement exists between the County and the Tribe with regards to the instant subject matter except as expressly set forth in this instrument. Except as otherwise provided herein, no modification of this Agreement shall be effective until reduced to writing and executed by both parties.

12. AGREEMENT ALTERATIONS AND AMENDMENTS

This Agreement may be altered or amended by mutual agreement of both parties. Such alterations or amendments shall not be binding unless they are in writing and signed by personnel authorized to bind each of the parties.

13. TERMINATION

Either party may terminate this Agreement at any time, with or without cause, upon not less than thirty (30) days' prior written notice to the other party. If this Agreement is so

terminated, the parties shall be liable only for performance rendered or costs incurred in accordance with the terms of this Agreement prior to the effective date of termination.

- A. In the event funding from state, federal, or other sources is withdrawn, reduced, or limited in any way after the effective date of this Agreement and prior to normal completion, either party may terminate this Agreement immediately by providing written notice to the other party. The termination notice shall specify the date on which the Agreement shall terminate.
- B. If for any cause either party does not fulfill in a timely and proper manner its obligations under this Agreement, or if either party violates any of these terms and conditions, the aggrieved party shall give the other party written notice of such failure or violation. The responsible party will be given the opportunity to correct the violation or failure within thirty (30) working days, provided, however, that if the non-performance is of a type that could not reasonably be cured within said thirty (30) day period, then the non-performing party shall commence cure within said thirty (30) day period and thereafter diligently pursue cure to completion. If failure or violation is not corrected, this Agreement may be terminated immediately by written notice of the aggrieved party to the other.

14. RIGHTS AND REMEDIES

In the event a party violates any of these terms and conditions and fails to cure such failure or violation as provided in Section 13B, then the other party shall have the right to exercise any or all rights and remedies available to it in law or equity.

15. DISPUTE RESOLUTION

In the event differences between the parties should arise over the terms and conditions or the performance of this Agreement, the parties shall use their best efforts to resolve those differences on an informal basis. If those differences cannot be resolved informally, the matter shall be referred for mediation to a mediator mutually selected by the parties. If mediation is not successful, either of the parties may institute legal action for specific performance of this Agreement or for damages.

16. NOTICES

All notices required to be given by any party to the other party under this Agreement shall be in writing and shall be delivered either in person, by United States mail, or by electronic mail (email) to the applicable Administrator or the Administrator's designee. Notice delivered in person shall be deemed given when accepted by the recipient. Notice by United States mail shall be deemed given as of the date the same is deposited in the United States mail, postage prepaid, and addressed to the Administrator, or their designee, at the addresses set forth in Section 9 of this Agreement. Notice delivered by email shall be deemed given as of the date and time received by the recipient.

17. INSURANCE

Both the Tribe and the selected contractor shall carry for the duration of this Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Tribes, its agents, representatives, employees or subcontractors. Annual proof of insurance shall be submitted to the County.

The Tribe and selected contractor shall obtain insurance of the types described below:

A. Minimum Scope and Limits of Insurance. The Tribes shall maintain coverage at least as broad as, and with limits no less than:

- (i) General Liability: \$ 5,000,000 per occurrence for bodily injury, personal injury and property damage, and for those policies with aggregate limits, a \$ 5,000,000 aggregate limit. CG 00 01 current edition, including Products and Completed Operations;
- (ii) Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage. CA 0001 current edition, Symbol 1;
- (iii) Workers' Compensation: Statutory requirements of the state of residency; and
- (iv) Employers' Liability or "Stop Gap" coverage: \$ 1,000,000.

B. Other Insurance Provisions and Requirements. The insurance coverages required in this Agreement for all liability policies except Workers Compensation are to contain, or be endorsed to contain, the following provisions:

- (i) The County, its officers, officials, employees and agents are to be covered as additional insureds as respects liability arising out of activities performed by or on behalf of the Tribes in connection with this Agreement. Such coverage shall be primary and non-contributory insurance as respects the County, its officers, officials, employees and agents. Additional Insured Endorsement shall be included with the certificate of insurance, "CG 2026 11/85" or its equivalent is required. **The County requires this Endorsement to complete the Agreement.**
- (ii) The Tribe and contractor insurance coverage shall apply separately to each insured against whom a claim is made and/or lawsuit is brought, except with respect to the limits of the insurer's liability.
- (iii) Any deductibles or self-insured retentions must be declared to, and approved by, the County. The deductible and/or self-insured retention of the policies shall not limit or apply to the Tribes liability to the County and shall be the sole responsibility of the Tribes.

(iv) Coverage shall not be suspended, voided, canceled, reduced in coverage or in limits, until after forty-five (45) calendar days' prior written notice, has been given to the County.

(v) Insurance coverage is to be placed with insurers with a Bests' rating of no less than A: VIII, or, if not rated with Bests', with minimum surpluses the equivalent of Bests' surplus size VIII.

If at any time any of the foregoing policies fail to meet minimum requirements, the Tribe shall, upon notice to that effect from the County, promptly obtain a new policy, and shall submit the same to the County, with the appropriate certificates and endorsements, for approval.

C. In the alternative, either party to this Agreement may fulfill the insurance obligation contained herein by maintaining membership in a joint self-insurance program authorized by Chapter 48.62 RCW. In this regard, the parties understand that the party to this Agreement who is a member of such a program is not able to name the other party as "additional insured" under the liability coverage provided by the joint self-insurance program.

18. HOLD HARMLESS

A. Tribe Held Harmless. The County shall indemnify and hold harmless the Tribe and its officers, agents, and employees, or any of them from any and all claims, actions, suits, liability, loss, costs, expenses, and damages of any nature whatsoever, by any reason of or arising out of any negligent act or omission of the County, its officers, officials, agents, and employees, or any of them relating to or arising out of performing services pursuant to this agreement. In the event that any such suit based upon such a claim, action, loss, or damages is brought against the Tribe, the County shall defend the same at its sole cost and expense; provided that the Tribe reserves the right to participate in said suit if any principle of governmental or public law is involved; and if final judgment in said suit be rendered against the Tribe, and its officers, agents, and employees, or any of them, or jointly against the Tribe and the County and their respective officers, officials, agents, and employees, or any of them, the County shall satisfy the same.

B. County Held Harmless. The Tribe shall indemnify and hold harmless the County and its officers, officials, agents, and employees, or any of them from any and all claims, actions, suits, liability, loss, costs, expenses, and damages of any nature whatsoever, by any reason of or arising out of any negligent act or omission of the Tribe, its officers, agents, and employees, or any of them relating to or arising out of performing services pursuant to this agreement. In the event that any suit based upon such a claim, action, loss, or damages is brought against the County, the Tribe shall defend the same at its sole cost and expense; provided that the County reserves the right to participate in said suit if any principle of governmental or public law is involved; and if final judgment be rendered against the County, and its officers, officials, agents, and

employees, or any of them, or jointly against the County and the Tribe and its respective officers, agents, and employees, or any of them, the Tribe shall satisfy the same.

- C. Waiver Under Washington Industrial Insurance Act. The foregoing indemnity is specifically intended to constitute a waiver of each party's immunity under Washington's Industrial Insurance Act, Chapter 51 RCW, as respects the other party only, and only to the extent necessary to provide the indemnified party with a full and complete indemnity of claims made by the indemnitor's employees. The parties acknowledge that these provisions were specifically negotiated and agreed upon by them.
- D. In no event shall the County be responsible for indemnifying the Tribe for damages caused by or resulting from the sole negligence of the Tribe, and its elected officials, officers, employees, agents, contractors and/or subcontractors.

19. LIABILITY RELATED TO TRIBAL ORDINANCES, POLICIES, RULES AND REGULATIONS

In executing this Agreement, the County does not assume liability or responsibility for or in any way release the Tribe from any liability or responsibility which arises in whole or in part from the existence or effect of Tribal ordinances, policies, rules or regulations. If any cause, claim, suit, action or administrative proceeding is commenced in which the enforceability and/or validity of any such Tribal ordinance, policy, rule or regulation is at issue, the Tribe shall defend the same at its sole expense and, if judgment is entered or damages are awarded against the Tribe, the County, or both, the Tribe shall satisfy the same, including all chargeable costs and reasonable attorney's fees.

20. COMPLIANCE WITH LAWS

In the performance of its obligations under this Agreement, each party shall comply with all applicable federal, state, and local laws, rules and regulations.

21. LIMITED WAIVER OF SOVEREIGN IMMUNITY

The Tribe expressly reserves all of its inherent sovereign rights as a federally recognized Indian Tribe, including sovereign immunity from suit in any state, federal or tribal court without the Tribe's consent. By entering into this Agreement, the Tribe hereby grants a limited waiver of sovereign immunity to the County only, subject to, and conditioned on the following:

- A. This limited waiver of immunity shall not extend to interpretation of the Treaty of Point Elliot, 12 Stat. 927, or the rights reserved by the Tribe under that Treaty. This waiver of immunity shall not extend to, or be used for, or to, the benefit of any other person or

entity of any kind or description whatsoever, including any successor or assign of the County.

- B. To the extent that jurisdiction obtains, this limited waiver of immunity shall be deemed consent to jurisdiction only of the Snohomish County Superior Court.
- C. The limited waiver of immunity in favor of the County shall commence and become effective as the effective date of this Agreement and shall remain in effect for three (3) years from the ending date or early termination of this Agreement. Notwithstanding any applicable statute of limitations or other law, upon expiration of the above three (3) year period, this limited waiver of immunity shall be deemed withdrawn without further action by the Tribe or notice to the County.
- D. Except as authorized in Section F below, nothing contained in this Agreement shall be deemed consent to levy of any judgment, lien or attachment upon any assets, property or interest of the Tribe.
- E. Nothing in this Agreement or any activity of the Tribe shall implicate or in any way involve the trust assets or credit of the Tribe or any of its members.
- F. The Tribe hereby expressly waives sovereign immunity to suit with respect to claims made relating to, or arising under, this Agreement by any party, to interpret or enforce the terms of this Agreement, or to a claim of indemnification by the County pursuant to this Agreement. The limit for any claim of indemnification will be the insurance limit required by this Agreement. The parties agree that in discharging this indemnification obligation, where the required insurance is procured, the County shall look only to the proceeds of the insurance procured by the Tribe herein and the policy of insurance obtained by the Tribe shall prohibit the insurer from asserting a defense of sovereign immunity to a claim made under the policy. The Tribe warrants its authority to and agrees to assign over to the County, at its request, any and all of its rights against the insurer to effectuate a payment of its indemnification obligation.

22. RELATIONSHIP TO EXISTING LAWS

This Agreement is entered into pursuant to and under the authority granted by the laws of the state of Washington and any applicable federal laws. The provisions of this Agreement shall be construed to conform to those laws. In the event of an inconsistency in the terms of this Agreement, or between its terms and any applicable statute or rule, the inconsistency shall be resolved by giving precedence in the following order:

- A. Applicable state and federal statutes and regulations;
- B. Scope of Work (Appendix A); and
- C. Any other provisions of the Agreement, including materials incorporated by reference.

23. GOVERNING LAW AND VENUE

This Agreement shall be governed by the laws of the State of Washington and the parties stipulate that any lawsuit arising out of or relating to the performance, breach, or enforcement of this Agreement shall be commenced in Snohomish County Superior Court. The parties shall bear their own costs and attorney's fees in any action brought under this section.

24. NON-WAIVER

The failure of the County to insist on strict performance of any term of this Agreement, or to exercise any option conferred by it, in any one or more instances, shall not be construed to be a waiver or relinquishment of that right or any right by the County, but the same shall be and remain in full force and effect.

25. NO ASSIGNMENT

This Agreement shall not be assigned, either in whole or in part, by either party without the express written consent of the other party, which may be granted or withheld in such party's sole discretion. Any attempt to assign this Agreement in violation of the preceding sentence shall be null and void and shall constitute a default under this Agreement.

26. SEVERABILITY

If any provision of this Agreement is held invalid, the remainder of this Agreement shall not be affected thereby if such remainder would then continue to serve the purposes and objectives of the Agreement as determined by the County.

27. PUBLIC RECORDS ACT

This Agreement and all public records associated with this Agreement shall be available from the County for inspection and copying by the public where required by the Public Records Act, Chapter 42.56 RCW. To the extent that public records then in the custody of the Tribe are needed for the County to respond to a request under the Act, as determined by the County, the Tribe agrees to make them promptly available to the County. If the Tribe considers any portion of any record provided to the County under this Agreement, whether in electronic or hard copy form, to be protected from disclosure under law, the Tribe shall clearly identify any specific information that it claims to be confidential or proprietary. If the County receives a request under the Act to inspect or copy the information so identified by the Tribe and the County determines that release of the information is required by the Act or otherwise appropriate, the County's sole obligations shall be to notify the Tribe (a) of the request and (b) of the date that such information will be released to the requester unless the Tribe obtains a court order to enjoin that disclosure pursuant to RCW 42.56.540. If the Tribe fails to timely obtain a court order enjoining disclosure, the County will release the requested information on the date specified.

The County has, and by this section assumes, no obligation on behalf of the Tribe to claim any exemption from disclosure under the Act. The County shall not be liable to the Tribe for releasing records not clearly identified by the Tribe as confidential or proprietary. The County shall not be liable to the Tribe for any records that the County releases in compliance with this section or in compliance with an order of a court of competent jurisdiction.

28. COUNTY NON-DISCRIMINATION

It is the policy of the County to reject discrimination which denies equal treatment to any individual because of his or her race, creed, color, national origin, families with children, sex, marital status, sexual orientation, age, honorably discharged veteran or military status, or the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability as provided in Washington's Law against Discrimination, Chapter 49.60 RCW, and the Snohomish County Human Rights Ordinance, Chapter 2.460 SCC. These laws protect against specific forms of discrimination in employment, credit transactions, public accommodation, housing, county facilities and services, and county contracts.

The Tribe shall comply with the substantive requirements of Chapter 2.460 SCC, which are incorporated herein by this reference. Execution of this Agreement constitutes a certification by the Tribe of the Tribe's compliance with the requirements of Chapter 2.460 SCC. If the Tribe is found to have violated this provision, or to have furnished false or misleading information in an investigation or proceeding conducted pursuant to this Agreement or Chapter 2.460 SCC, this Agreement may be subject to a declaration of default and termination at the County's discretion. This provision shall not affect the Tribe's obligations under other federal, state, or local laws against discrimination.

29. MISCELLANEOUS

- A. No obligation in this Agreement shall limit the Tribe in fulfilling its responsibilities otherwise defined by law.
- B. No obligation in this Agreement shall limit the County in fulfilling its responsibilities otherwise defined by law.

30. WARRANTY OF AUTHORITY

Each of the signatories hereto warrants and represents that he or she is competent and authorized to enter into this Agreement on behalf of the party for whom he or she purports to sign this Agreement.

31. NO JOINT VENTURE

Nothing contained in this Agreement shall be construed as creating any type or manner of partnership, joint venture or other joint enterprise between the parties.

32. NO SEPARATE ENTITY

The parties agree that no separate legal or administrative entities are necessary to carry out this Agreement.

33. OWNERSHIP OF PROPERTY

Except as expressly provided to the contrary in this Agreement, any real or personal property used or acquired by either party in connection with its performance under this Agreement will remain the sole property of such party, and the other party shall have no interest therein.

34. EXECUTION IN COUNTERPARTS

This Agreement may be executed in two or more counterparts, each of which shall constitute an original and all of which shall constitute one and the same agreement.

IN WITNESS WHEREOF, the County and the Tribe have executed this Agreement as of the date first above written.

THE COUNTY:

Snohomish County, a political subdivision of the State of Washington

By _____
County Executive

THE TRIBE:

Stillaguamish Tribe of Indians, a federally-recognized Indian Tribe

By _____
Title: _____

Approved as to Form:

Deputy Prosecuting Attorney

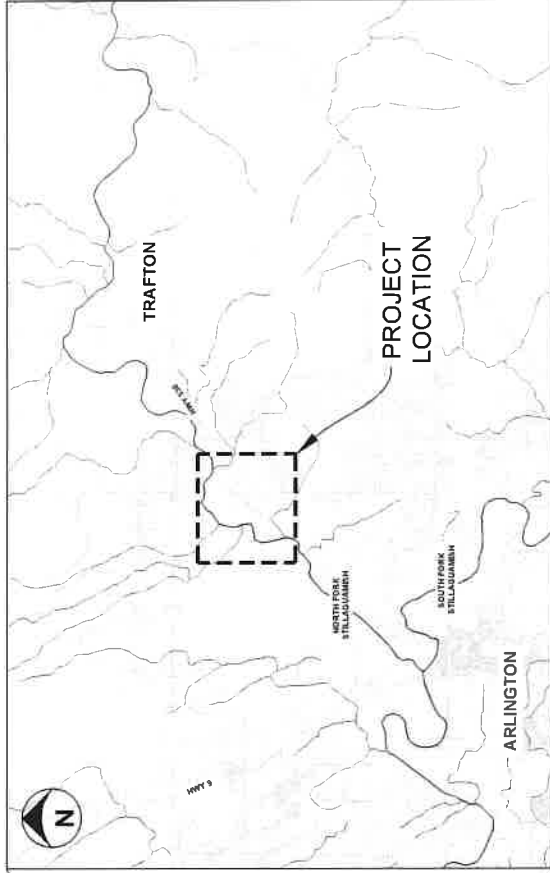
Approved as to Form:

APPENDIX A

Project Plans

STILLAGUAMISH TRIBE OF INDIANS TRAFTON FLOODPLAIN RESTORATION

100% DESIGN - FEBRUARY 2025
PROJECT LOCATION: TRAFTON, WASHINGTON



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| C-24 | TYPE 1 LARGE APEX ELJ LAYERING PLAN (1) |
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| C-26 | TYPE 2 SMALL APEX ELJ DETAIL |
| C-27 | TYPE 2 SMALL APEX ELJ LAYERING PLAN (1) |
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| C-29 | TYPE 3 LARGE DEFLECTOR ELJ DETAIL |
| C-30 | TYPE 3 LARGE DEFLECTOR ELJ LAYER PLAN (1) |
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| C-32 | TYPE 4 FLOODPLAIN ROUGHNESS ELJ DETAIL |
| C-33 | TYPE 4 FLOODPLAIN ROUGHNESS ELJ LAYERING PLAN |
| C-34 | TYPE 5 SWALE WOOD |
| C-35 | ELJ DETAILS - 1 |
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| C-37 | PLANTING OVERVIEW |
| C-38 | PLANTING SCHEDULES |

PROJECT TEAM

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THE STILLAGUAMISH TRIBE OF INDIANS
3322 28TH ST NE
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PROJECT SPONSOR:

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TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

PROJECT NAME
DATE: 2/2/25
DESCRIPTION: BID ADDENDUM 1

DESIGNED: GW/DE
DRAWN: GW
CHECKED: CM
IN CHARGE: SM

PROJECT NUMBER: D002100A18
ISSUE DATE: 2/4/2025
SCALE: 1/8" = 1'-0" (PLAN)
PLOT TO FULL SIZE (24" x 36")

PHASE:
100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

COVER SHEET

SHEET NUMBER
G-1
SHEET 1 OF 42

GENERAL NOTES:

1. THESE PLANS HAVE BEEN PREPARED FOR THE EXCLUSIVE USE OF THE STILLAGUAMISH TRIBE OF INDIANS AND THEIR AUTHORIZED AGENTS, HEREAFTER REFERRED TO AS "OWNER", OR "CONTRACTING OFFICER", OR THE "CONTRACTOR", OR THEIR SUBCONTRACTOR, IS THE PARTY SELECTED TO CONSTRUCT THE PROJECT.
2. ENVIRONMENTAL SCIENCE ASSOCIATES (ESA), HEREAFTER REFERRED TO AS "ENGINEER" IS RESPONSIBLE FOR THE PREPARATION OF THESE ORIGINAL PLANS AND ASSOCIATED SPECIFICATIONS; AND WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGE, OR USE, OF THESE PLANS WHICH INCLUDES ALTERATION, DELETION, OR ENGINEERING ANY DOCUMENT PRODUCED FROM THESE PLANS. THE CONTRACTOR OR SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER USE OF THESE PLANS AND SPECIFICATIONS.
3. MINOR MODIFICATIONS ARE EXPECTED TO SUIT JOB SITE CONDITIONS OR CONDITIONS. SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK. THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES SHALL BE NOTIFIED OF ANY MODIFICATIONS TO THE PLANS OR SPECIFICATIONS. ANY MODIFICATION TO THE PROPOSED FOOTPRINT OR THAT SIGNIFICANTLY AFFECTS THE INTENDED BENEFIT OR FUNCTION OF A PROJECT ELEMENT.
4. THE LOCATION OF ALL FEATURES SHOWN IS APPROXIMATE. FINAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE ENGINEER RESERVES THE RIGHT TO ADJUST THE LOCATION OF STRUCTURES OR REMOVE FROM THE CONTRACT.
5. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.
6. ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE OWNER. IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD PLANS, CURRENT EDITION, UNLESS NOTED OTHERWISE. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WSDOT STANDARD PLANS, CURRENT EDITION, UNLESS NOTED OTHERWISE. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WSDOT STANDARD PLANS, CURRENT EDITION, UNLESS NOTED OTHERWISE.
11. FILE DRIVING REQUIREMENTS ARE INCLUDED IN SECTION 8-26 OF THE PROJECT SPECIFICATIONS.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTOR(S) TO EXAMINE THE PROJECT SITE PRIOR TO THE OPENING OF BID PROPOSALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.
13. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE CONTRACT DOCUMENTS AND FOR ALL SUBMITTALS REQUIRED TO THE OWNER FOR REVIEW AND ACCEPTANCE.
14. ALL EARTHWORK QUANTITIES ARE BASED ON A NEXT LINE COMPARISON BETWEEN THE EXISTING AND PROPOSED EARTHWORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.

PERMIT NOTES:

1. EVERY REASONABLE EFFORT SHALL BE MADE TO CONDUCT THE ACTIVITIES SHOWN IN THESE PLANS IN A MANNER THAT MINIMIZES THE ADVERSE IMPACT ON WATER QUALITY, FISH AND WILDLIFE, AND THE NATURAL ENVIRONMENT.
2. ALL WORK SHALL BE IN COMPLIANCE WITH PERMIT CONDITIONS ISSUED BY PERTINENT REGULATORY AGENCIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE COPIES OF ALL PERMITS ON THE JOB SITE, UNDERSTAND AND COMPLY WITH ALL PERMIT CONDITIONS.
3. ALL WORK THAT DISTURBS THE SUBSTRATE BANK OR SHORE OF A WATERWAY OF THE STATE THAT COULD BE SUBJECT TO A PERMIT SHALL BE CONDUCTED ONLY DURING A PERIOD FOR THAT WATERBODY AS ALLOWED BY RELEVANT HYDRAULIC WORK PERMITS. THOSE PORTIONS OF THE PROJECT WORK THAT OCCUR OUTSIDE OR ABOVE THE ORDINARY HIGH WATER MARK (ABOVE THE USAGE JURISDICTIONAL LINE) ARE NOT SUBJECT TO THE WORK PERIODS DESCRIBED ABOVE UNLESS SPECIFIED IN THE RELEVANT PERMIT.
4. ALL ACTIVITIES THAT INVOLVE WORK ADJACENT TO, OR WITHIN THE WETTED CHANNEL SHALL AT ALL TIMES REMAIN CONSISTENT WITH ALL APPLICABLE WATER QUALITY STANDARDS AND MANAGEMENT PRACTICES ESTABLISHED PURSUANT TO THE CLEAN WATER ACT OR PURSUANT TO APPLICABLE STATE AND LOCAL LAW.
5. IF AT ANY TIME AS A RESULT OF PROJECT ACTIVITIES FISH ARE OBSERVED IN DISTRESS, A FISH KILL OCCURS, OR WATER QUALITY PROBLEMS DEVELOP INCLUDING EQUIPMENT LEAKS OR SPILLS, OPERATIONS SHALL CEASE AND THE OWNER SHALL BE NOTIFIED IMMEDIATELY.

SURVEY NOTES:

1. UNLESS NOTED OTHERWISE ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON THE JOB SHOWING "AS-CONSTRUCTED" CHANGES MADE TO DATE UPON COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.
3. ELEVATIONS SHOWN ON THE PLANS FOR TOE OF SLOPE, TOPS OF BANKS, THALWEG, GRADE CONTROLS, ETC. ARE BASED UPON THE TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.

DATUM NOTES:

1. VERTICAL CONTROL IS NAVD 83. HORIZONTAL CONTROL IS NAD83 WASHINGTON STATE PLANES NORTH ZONE US FOOT.

ISSUE NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
2. A SEDIMENT AND EROSION CONTROL PLAN SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED FOR APPROVAL BY OWNER AND/OR THE ENGINEER BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN. THE PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, BEST MANAGEMENT PRACTICES TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES IS MINIMIZED.
3. ACTIVITIES SHALL BE DESIGNED AND CONSTRUCTED TO AVOID AND MINIMIZE ADVERSE IMPACTS TO STREAM BEDS AND BANKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.
4. AT NO TIME SHALL SEDIMENT-LADEN WATER BE DISCHARGED OR PUMPED DIRECTLY INTO SURFACE WATERS. SEDIMENT-LADEN WATER SHALL BE STORED IN A SEDIMENT POND OR TREATMENT BASIN PRIOR TO DISCHARGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.
5. IF HIGH WATER LEVEL CONDITIONS THAT CAUSE SILTATION OR EROSION ARE ENCOUNTERED DURING CONSTRUCTION, WORK SHALL STOP UNTIL THE WATER LEVEL SUBSIDES.
6. PERMIT CONDITIONS CONTAIN SPECIFIC REQUIREMENTS FOR THE CONTROL OF EROSION AND TURBIDITY DURING PROJECT OPERATIONS. TURBIDITY WILL BE MONITORED ON A DAILY BASIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES.
7. CONTRACTOR SHALL LIMIT MACHINERY MOVEMENT TO CONSTRUCTION AREAS DEFINED ON SITE PLAN OR IDENTIFIED AS ACCEPTABLE BY THE ENGINEER OR OWNER.
8. ALL EXTERNAL GREASE AND OIL SHALL BE PRESSURE-WASHED OFF EQUIPMENT PRIOR TO MOBILIZATION TO THE SITE.
9. ALL EQUIPMENT OPERATING BELOW OHWM SHALL UTILIZE READILY BIODEGRADABLE VEGETABLE-BASED HYDRAULIC FLUIDS (B-61.31)(C6).
10. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO PETROLEUM PRODUCTS, INCLUDING BUT NOT LIMITED TO FUEL, OIL, GREASE, AND OTHER FLUIDS, ENTER OR LEAK INTO THE SUBJECT RIVER, STREAM, OR WETLAND.
11. THE CONTRACTOR SHALL HAVE AN EMERGENCY SPILL KIT ON SITE AT ALL TIMES.
12. US TREES OR WETLAND VEGETATION SHALL BE REMOVED UNLESS THEY ARE SHOWN AND NOTED TO BE REMOVED ON THE PLANS OR AS DIRECTLY SPECIFIED ON SITE BY THE CONTRACTING OFFICER. ALL TREES CONFLICTING WITH GRADING SHALL BE REMOVED. NO GRADING SHALL TAKE PLACE WITHIN THE DRIP LINE OF TREES NOT TO BE REMOVED UNLESS OTHERWISE APPROVED.
13. FOLLOWING CONSTRUCTION, SITE RESTORATION WILL INCLUDE DE-COMPACT AND TEMPORARY SEEDING TO ESTABLISH EROSION PROTECTION MEASURES. EQUIPMENT AND EXCESS SUPPLIES WILL BE REMOVED AND THE WORK AREA WILL BE CLEANED. MAINTENANCE ACTIVITIES FOR THE NEWLY CONSTRUCTED RESTORATION PROJECTS ARE ANTICIPATED TO OCCUR PERIODICALLY.



2801 ALASKA HWY
OFFICE 306 1616628
STATE OF WA 98121
WWW.ESA-DC.COM



STILLAGUAMISH
Tribe

TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

| # | DATE | DESCRIPTION |
|---|---------|----------------|
| 1 | 3/27/25 | BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW/DE |
| CHECKED | GW |
| IN CHARGE | SN |

| | |
|----------------|------------|
| PROJECT NUMBER | D202100418 |
| PROJECT DATE | 2/4/2025 |

| | |
|-------------------|-----------|
| DATE OF SUBMITTAL | 2/4/2025 |
| PROJECT NO. | 202100418 |

| | |
|------------------|------------------------|
| PROJECT NAME | FLOODPLAIN RESTORATION |
| PROJECT LOCATION | TRAFTON, WA |

| | |
|----------------|------------|
| PROJECT NUMBER | D202100418 |
| PROJECT DATE | 2/4/2025 |

| | |
|------------------|------------------------|
| PROJECT NAME | FLOODPLAIN RESTORATION |
| PROJECT LOCATION | TRAFTON, WA |

| | |
|----------------|------------|
| PROJECT NUMBER | D202100418 |
| PROJECT DATE | 2/4/2025 |

| | |
|------------------|------------------------|
| PROJECT NAME | FLOODPLAIN RESTORATION |
| PROJECT LOCATION | TRAFTON, WA |

| | |
|----------------|------------|
| PROJECT NUMBER | D202100418 |
| PROJECT DATE | 2/4/2025 |

| | |
|------------------|------------------------|
| PROJECT NAME | FLOODPLAIN RESTORATION |
| PROJECT LOCATION | TRAFTON, WA |

| | |
|----------------|------------|
| PROJECT NUMBER | D202100418 |
| PROJECT DATE | 2/4/2025 |

| | |
|------------------|------------------------|
| PROJECT NAME | FLOODPLAIN RESTORATION |
| PROJECT LOCATION | TRAFTON, WA |

CHANNEL ALIGNMENT CONTROL TABLES

| MAIN SIDE CHANNEL 60% ALIGNMENT CONTROL TABLE | | | | | |
|---|---------|-------------|-----------|--------------|--------------|
| SEGMENT | STATION | EASTING | NORTHING | CURVE RADIUS | DELTA ANGLE |
| L1 | 0+00 | 1,339,160.2 | 457,014.7 | — | — |
| C1 | 10+33 | 1,338,164.1 | 457,290.0 | 309.9 | 121° 31' 09" |
| L2 | 16+91 | 1,337,783.8 | 456,805.5 | — | — |
| C2 | 17+06 | 1,337,788.2 | 456,880.4 | 334.0 | 77° 14' 20" |
| L3 | 21+57 | 1,337,629.3 | 456,505.3 | — | — |
| C3 | 21+85 | 1,337,603.1 | 456,491.5 | 450.9 | 30° 54' 37" |
| L4 | 24+29 | 1,337,309.3 | 456,435.9 | — | — |
| C4 | 26+43 | 1,337,155.4 | 456,443.7 | 848.8 | 52° 31' 36" |
| L5 | 34+19 | 1,336,471.6 | 456,136.7 | — | — |
| C5 | 36+28 | 1,336,336.6 | 455,975.6 | 636.4 | 37° 29' 17" |
| L6 | 41+75 | 1,335,081.2 | 455,983.2 | — | — |
| C6 | 41+86 | 1,335,871.2 | 455,690.9 | 523.0 | 29° 41' 40" |
| L7 | 44+57 | 1,335,634.1 | 455,585.9 | — | — |

| NORTH SWALE & COUNTY SWALE ALIGNMENT CONTROL TABLE | | | | | |
|--|---------|-------------|-----------|--------------|-------------|
| SEGMENT | STATION | EASTING | NORTHING | CURVE RADIUS | DELTA ANGLE |
| L1 | 0+00 | 1,336,492.8 | 456,992.2 | — | — |
| C1 | 3+61 | 1,336,386.6 | 456,647.2 | 395.8 | 38° 04' 30" |
| L2 | 6+24 | 1,336,234.6 | 456,438.7 | — | — |
| C2 | 7+62 | 1,336,121.6 | 456,350.1 | 321.9 | 78° 46' 23" |
| L3 | 12+10 | 1,336,012.8 | 455,961.9 | — | — |
| L4 | 14+14 | 1,336,097.9 | 455,776.0 | — | — |
| L5 | 15+14 | 1,336,138.7 | 455,684.8 | — | — |
| C3 | 17+76 | 1,336,217.1 | 455,435.1 | 535.9 | 38° 04' 37" |
| L6 | 21+32 | 1,336,205.9 | 455,085.7 | — | — |
| C4 | 24+29 | 1,336,100.0 | 454,807.8 | 664.4 | 25° 52' 01" |
| L7 | 27+29 | 1,336,059.0 | 454,513.2 | — | — |
| C5 | 28+65 | 1,336,070.8 | 454,377.7 | 361.7 | 65° 42' 37" |
| L8 | 32+80 | 1,335,887.5 | 454,000.7 | — | — |
| C6 | 33+59 | 1,335,816.6 | 453,692.1 | 344.3 | 73° 41' 15" |
| L9 | 38+02 | 1,335,651.5 | 453,614.4 | — | — |
| C7 | 38+35 | 1,335,658.9 | 453,592.1 | 307.4 | 62° 43' 40" |
| L10 | 41+72 | 1,335,558.0 | 453,278.5 | — | — |
| C8 | 42+38 | 1,335,507.6 | 453,235.8 | 381.8 | 37° 04' 10" |
| L11 | 44+85 | 1,335,381.8 | 453,028.2 | — | — |
| C9 | 45+52 | 1,335,367.1 | 452,862.8 | 318.5 | 74° 48' 53" |
| L12 | 49+68 | 1,335,070.3 | 452,714.5 | — | — |

| COUNTY SWALE INLET ALIGNMENT CONTROL TABLE | | | | |
|--|---------|-------------|-----------|-------------|
| SEGMENT | STATION | EASTING | NORTHING | DELTA ANGLE |
| C1 | 1+87 | 1,335,519.3 | 454,192.4 | 48° 40' 27" |
| L1 | 6+55 | 1,335,651.6 | 453,778.7 | — |

ELJ CONTROL TABLES

| TYPE 1 LARGE APEX ELJ CONTROL TABLE | | | | |
|-------------------------------------|------------|--------------|---------|-------------|
| DESCRIPTION | NORTHING | EASTING | STATION | DELTA ANGLE |
| LA-1 | 457,061.24 | 1,339,376.89 | 0+00 | — |
| LA-2 | 457,166.92 | 1,339,065.93 | 0+55 | 39° 33' 42" |
| LA-3 | 457,183.31 | 1,339,055.29 | 0+79 | — |
| LA-4 | 457,893.40 | 1,338,336.57 | 2+24 | 20° 37' 35" |
| LA-5 | 457,937.21 | 1,337,946.87 | 2+54 | — |
| LA-6 | 458,244.82 | 1,337,767.68 | 3+67 | 9° 49' 07" |
| LA-7 | 457,068.05 | 1,336,277.56 | 3+81 | — |
| LA-8 | 456,926.12 | 1,336,148.34 | 4+71 | 29° 04' 52" |
| LA-9 | 456,506.61 | 1,335,684.11 | 5+12 | — |
| LA-10 | 454,928.62 | 1,335,292.65 | 5+70 | 10° 59' 50" |
| LA-11 | 453,982.40 | 1,335,157.98 | 5+85 | — |

| TYPE 2 SMALL APEX ELJ CONTROL TABLE | | | | |
|-------------------------------------|------------|--------------|---------|--------------|
| DESCRIPTION | NORTHING | EASTING | STATION | DELTA ANGLE |
| SA-1 | 458,154.72 | 1,338,077.21 | 0+00 | — |
| SA-2 | 458,076.39 | 1,337,784.37 | 2+49 | 78° 02' 00" |
| SA-3 | 457,998.60 | 1,337,613.93 | 4+78 | — |
| SA-4 | 457,927.87 | 1,337,395.30 | 5+32 | 110° 58' 18" |
| SA-5 | 456,218.19 | 1,335,597.48 | 9+37 | — |
| SA-6 | 456,015.80 | 1,335,475.78 | 10+98 | 57° 50' 05" |
| SA-7 | 455,753.31 | 1,335,475.86 | 17+07 | — |
| SA-8 | 454,656.13 | 1,335,396.50 | 17+95 | 78° 09' 44" |
| SA-9 | 454,410.44 | 1,335,369.54 | 23+90 | — |
| SA-10 | 453,655.61 | 1,335,092.48 | — | — |
| SA-11 | 453,400.36 | 1,334,889.85 | — | — |
| SA-12 | 453,187.29 | 1,334,784.62 | — | — |

| TYPE 3 LARGE DEFLECTOR ELJ CONTROL TABLE | | | | |
|--|------------|--------------|---------|-------------|
| DESCRIPTION | NORTHING | EASTING | STATION | DELTA ANGLE |
| LD-1 | 456,661.99 | 1,337,793.72 | 0+00 | — |
| LD-2 | 456,616.25 | 1,337,673.66 | 12+20 | 56° 44' 37" |
| LD-3 | 456,427.10 | 1,337,482.62 | 17+64 | — |
| LD-4 | 456,300.06 | 1,336,821.85 | 18+12 | 74° 34' 55" |
| LD-5 | 455,852.67 | 1,336,242.44 | 21+20 | — |
| LD-6 | 455,317.66 | 1,335,399.05 | — | — |
| LD-7 | 456,703.56 | 1,335,679.58 | — | — |

- GENERAL NOTES.**
- THE CONTRACTOR SHALL FLAG THE LOCATIONS OF ELJS AND ALIGNMENT SEGMENTS AS PROVIDED ON THIS SHEET. THE CONTRACT REPRESENTATIVE RESERVES THE RIGHT TO MODIFY THE LOCATION OF ANY ELJ OR ALIGNMENT SEGMENT WITHOUT APPROVAL OF STAKEOUT POINTS FIRST.
 - STAKEOUT POINTS ARE NOT PROVIDED FOR ELJS TO BE CONSTRUCTED OUTSIDE THE OHW LINE SHOWN ON THE PLANS. THE LOCATION OF THESE STRUCTURES ARE APPROXIMATE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACT REPRESENTATIVE TO APPROVE PRIOR TO INSTALLATION. THE CONTRACT REPRESENTATIVE RESERVES THE RIGHT TO MODIFY THE LOCATION OF THESE STAKES.

TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

PROJECT NAME
DATE: 2/2/2025
DRAWN BY: BDD/ADDUM/1

DESIGNED: GW/DE
DRAWN: GW
CHECKED: CM
IN CHARGE: SN

PROJECT NUMBER: D00100418
ISSUE DATE: 2-4-2025
SCALE: 1"=40' (HORIZONTAL)
PLOT TO FULL SIZE (24" X 36")

PHASE
100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

QUANTITIES AND
STAKEOUT POINTS

SHEET NUMBER
G-3

SHEET 3 OF 42

0254

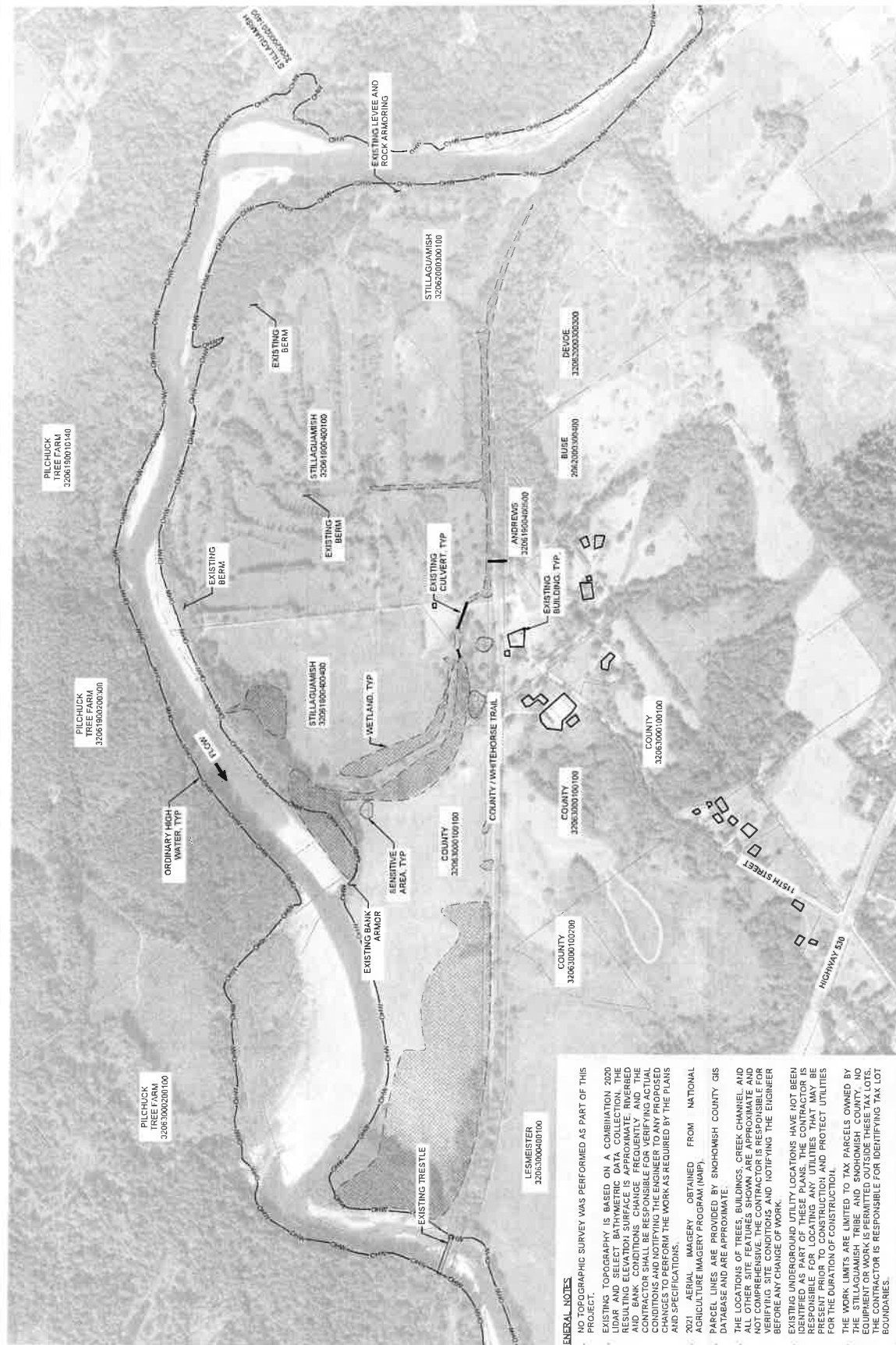
TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

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EXISTING SITE CONDITIONS

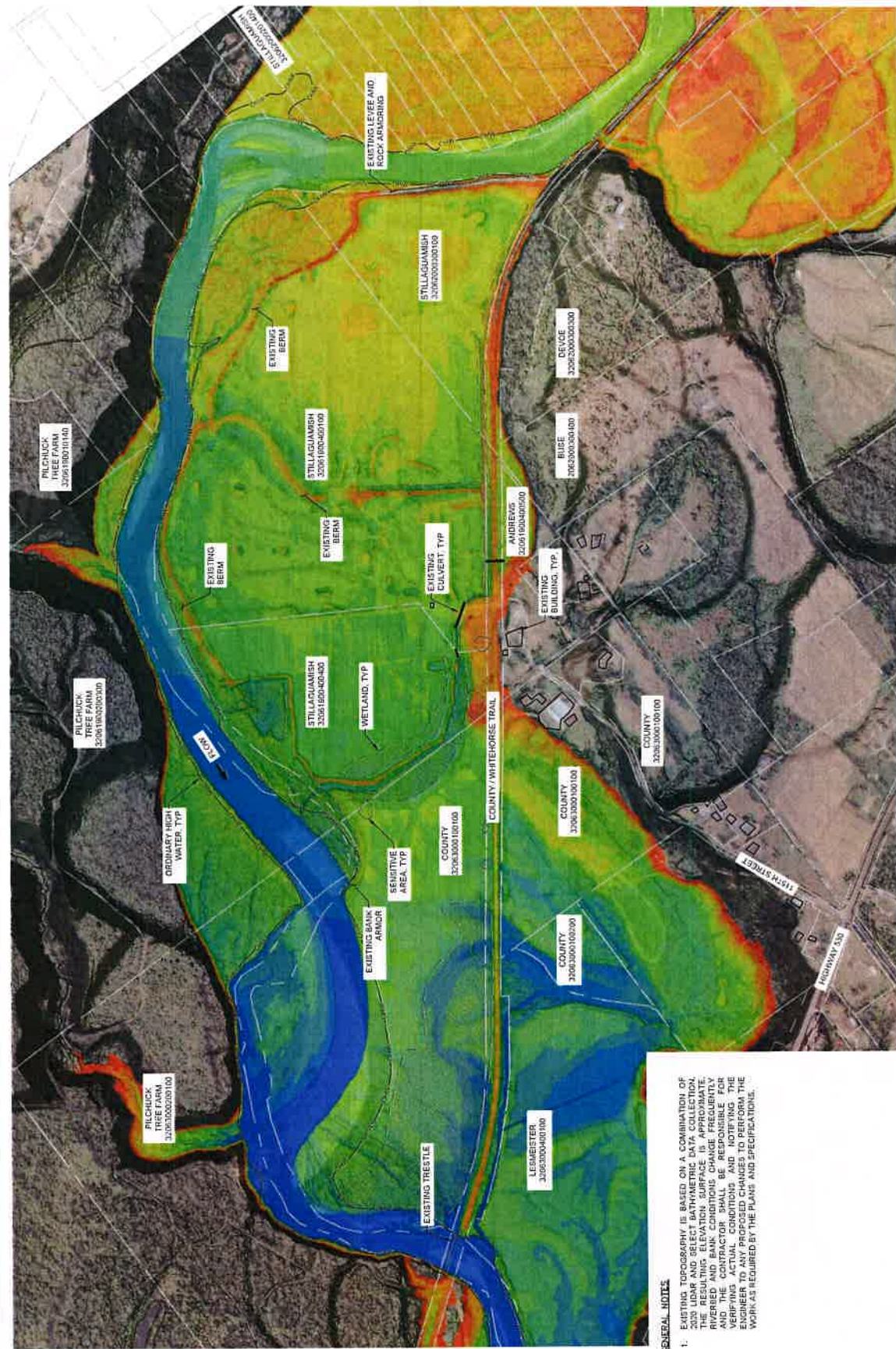
C-01

SHEET 5 OF 42



GENERAL NOTES

- NO DRAINAGE SURVEY WAS PERFORMED AS PART OF THIS PROJECT.
- EXISTING TOPOGRAPHY IS BASED ON A COMBINATION 202 LIDAR AND SELECT BATHYMERIC DATA COLLECTIONS. THE RESULTING ELEVATION SURFACE IS APPROXIMATE, INFERRED AND BANK CONDITIONS CHANGE FREQUENTLY, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ACTUAL CHANGES TO TOPOGRAPHY. THE ENGINEER HAS PROPOSED CHANGES TO REFLECT THE WORK AS REQUIRED BY THE PLANS AND SPECIFICATIONS.
- 2021 AERIAL IMAGERY OBTAINED FROM NATIONAL AGRICULTURE MAPS PROGRAM (NMP). PARCEL LINES ARE PROVIDED BY SNOHOMISH COUNTY GIS DATABASE AND ARE APPROXIMATE.
- THE LOCATIONS OF TREES, BUILDINGS, CREEK CHANNEL, AND ALL OTHER SITE FEATURES SHOWN ARE APPROXIMATE AND NOT COMPREHENSIVE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING SITE CONDITIONS AND NOTIFYING THE ENGINEER BEFORE ANY CHANGE OF WORK.
- EXISTING UNDERGROUND UTILITY LOCATIONS HAVE NOT BEEN IDENTIFIED AS PART OF THESE PLANS. THE CONTRACTOR IS ADVISED THAT THERE MAY BE UTILITIES THAT MAY BE PRESENT PRIOR TO CONSTRUCTION AND PROTECT UTILITIES FOR THE DURATION OF CONSTRUCTION.
- THE WORK LIMITS ARE LIMITED TO TAX PARCELS OWNED BY THE STALLAGHAMMA TRIBE AND SNOHOMISH COUNTY. NO EQUIPMENT OR WORK IS PERMITTED OUTSIDE THESE TAX LOTS. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING TAX LOT BOUNDARIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY, AT NO EXPENSE TO THE OWNER OR OWNER'S REPRESENTATIVES.
- NO DISTURBANCE TO SENSITIVE AREAS PERMITTED. THE CONTRACTOR SHALL FLAG THESE AREAS PRIOR TO WORK COMMENCING.



GENERAL NOTES

1. EXISTING TOPOGRAPHY IS BASED ON A COMBINATION OF 2020 LIDAR AND SELECT BATHYMETRIC DATA COLLECTION. THE RESULTING ELEVATION SURFACE IS APPROXIMATE. RIVERBED AND BANK CONDITIONS CHANGE FREQUENTLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AND NOTIFYING THE ENGINEER TO ANY PROPOSED CHANGES TO PERFORM THE WORK AS REQUIRED BY THE PLANS AND SPECIFICATIONS.



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

[illegible]

SITE PLAN OVERVIEW

C-03

SHEET 7 OF 12



CONSTRUCTION ACCESS NOTES

- | GENERAL NOTES | CONSTRUCTION ACCESS NOTES |
|--|---|
| 1. ALL UTILITIES OF ENGINEERED JOGLAMS ARE SHOWN ON THE SHEETS. THE CONTRACTOR SHALL VERIFY THE SHEETS C-4 - C-6 FOR SPECIFIC STRUCTURE TYPES AND LOCATIONS. | 1. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CURRENT LOCATION OF EXISTING ROAD AND MAKING IMPROVEMENT AS NEEDED TO FACILITATE CONSTRUCTION ACCESS. |
| 2. THE CONTRACTOR SHALL USE UNDISTURBED AREAS FOR CONSTRUCTION. SEE SHEET L-01 FOR REQUIREMENTS. | 2. THE CONTRACTOR SHALL COMPLETE THE PROJECT WITHOUT RETURN. KEOZEE ROAD TO THE COULIDION IT WAS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THE CONDITION OF THE ROAD PRIOR TO CONSTRUCTION. SEE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. |
| 3. THE CONTRACTOR SHALL REMOVE ALL ROADS AND PARKING AREAS AT THE COMPLETION OF THE PROJECT. | |

[illegible]



2011 ALABAMA
REGISTERED PROFESSIONAL ENGINEER
OFFICE: 2000 UNIVERSITY
WAY, SUITE 100
BIRMINGHAM, AL 35203
PHONE: 205.988.1111
FAX: 205.988.1112



Stamp
11/13/25
Stillaguamish
Tribe

TRAFFIC ON VA.
N.F. STILLAGUAMISH RIVER
TRAFTON REACH
FLOODPLAIN RESTORATION

PROJECT NAME
DATE
DESCRIPTION
1 2/25 BID ADDENDUM 1

DESIGNED: CMT
DRAWN: CM
CHECKED: CM
IN CHARGE: SM

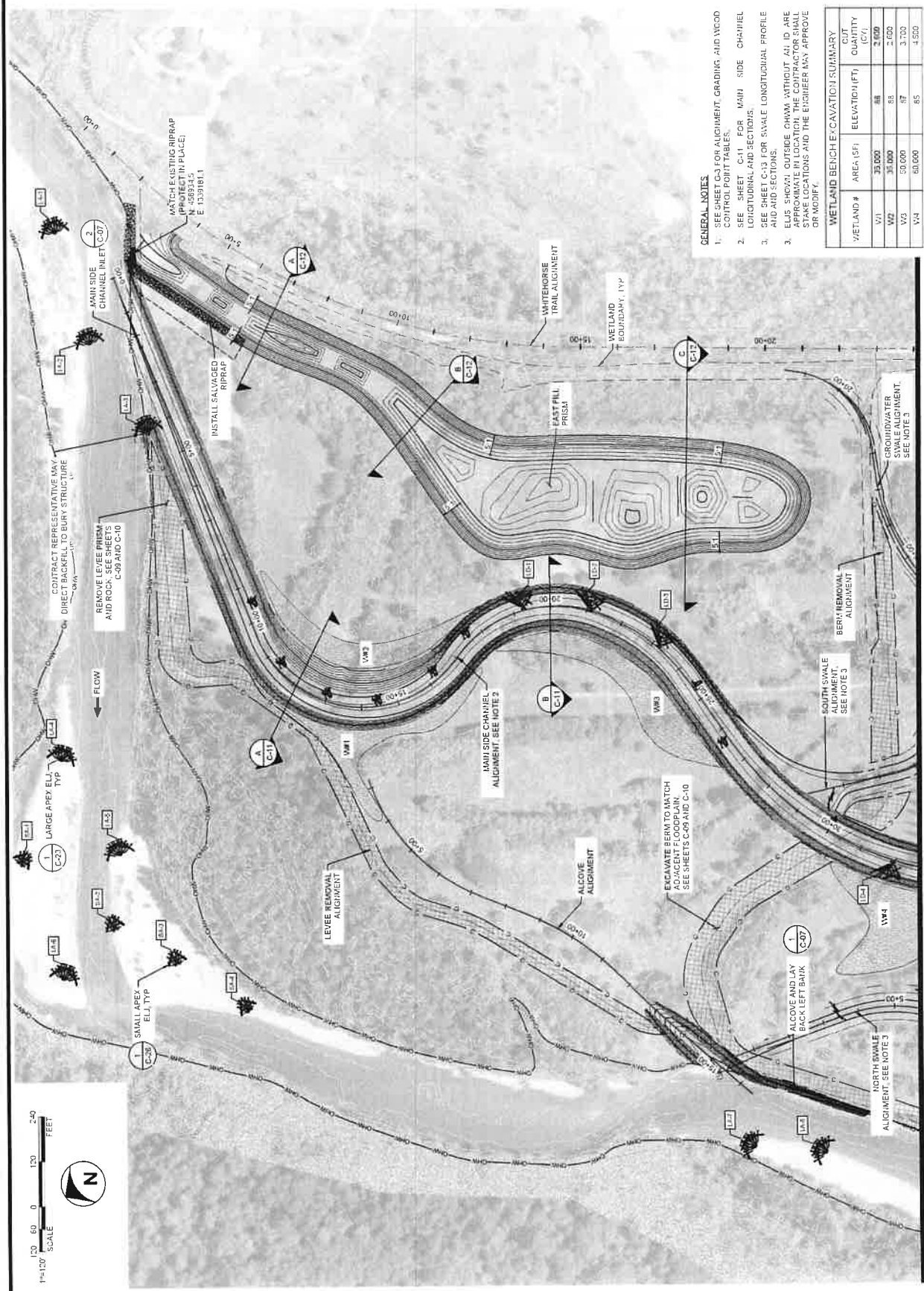
PROJECT NUMBER: 020100418
SHEET DATE: 3-4-2025
SHEET NO.: 1 OF 4
PRINTED TO: 11/13/25 11:13 AM

100% CONSTRUCTION
DOCUMENTATION
SHEET NO.

SITE PLAN - 1

C-04

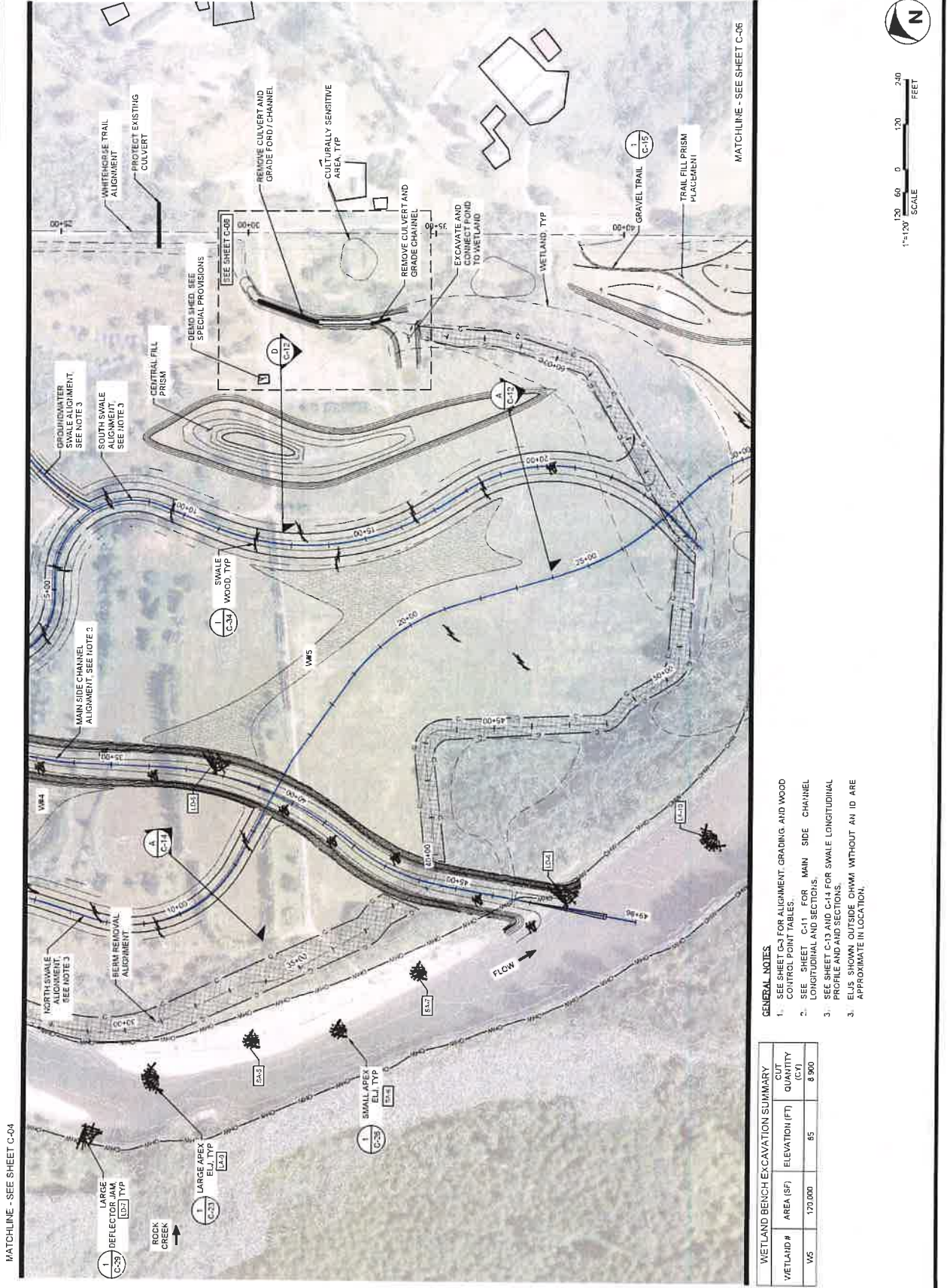
SHEET 8 OF 42



- GENERAL NOTES
1. SEE SHEET C-3 FOR ALIGNMENT, GRADING, AND INCOD CONTROL POINT TABLES.
 2. SEE SHEET C-11 FOR MAIN SIDE CHANNEL LONGITUDINAL AND SECTIONS.
 3. SEE SHEET C-13 FOR SWALE LONGITUDINAL PROFILE AND SECTIONS.
 3. ELVS. SHOWN OUTSIDE OHWM WITHOUT AN ID ARE APPROXIMATE IN LOCATION. THE CONTRACTOR SHALL STAKE LOCATIONS AND THE ENGINEER MAY APPROVE OR MODIFY.

| WETLAND BENCH EXCAVATION SUMMARY | | | |
|----------------------------------|-----------|----------------|-------------------|
| WETLAND # | AREA (SF) | ELEVATION (FT) | CUT QUANTITY (CY) |
| V1 | 35,000 | 88 | 2,600 |
| V2 | 35,000 | 85 | 2,000 |
| V3 | 50,000 | 87 | 3,700 |
| V4 | 60,000 | 85 | 4,500 |

MATCHLINE - SEE SHEET C-05



MATCHLINE - SEE SHEET C-04

MATCHLINE - SEE SHEET C-05

GENERAL NOTES

- SEE SHEET C-3 FOR ALIGNMENT, GRADING, AND WOOD CONTROL POINT TABLES.
- SEE SHEET C-11 FOR MAIN SIDE CHANNEL LONGITUDINAL AND SECTIONS.
- SEE SHEET C-13 AND C-14 FOR SWALE LONGITUDINAL PROFILE AND SECTIONS.
- ELUS SHOWN OUTSIDE OHWM WITHOUT AN ID ARE APPROXIMATE IN LOCATION.

| WETLAND BENCH EXCAVATION SUMMARY | | | |
|----------------------------------|-----------|----------------|----------------------|
| WETLAND # | AREA (SF) | ELEVATION (FT) | CUT QUANTITY (CU YD) |
| W5 | 170,000 | 85 | 8,900 |





2000 ALASKA DRIVE
SUITE 200
ANCHORAGE, AK 99503
PHONE: 281.444.4444
WWW.ESA-USA.COM



11/03/25



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

PROJECT NAME

DATE DESCRIPTION

1 3/2/25 BID ADDENDUM 1

DESIGNED CIV/DE

DRAWN CIV

CHECKED CIV

IN CHARGE SM

PROJECT NUMBER 000100418

ISSUE DATE 2-4-2025

SCALE 1/8" = 1'-0" (HORIZONTAL)
1/4" = 1'-0" (VERTICAL)

100% CONSTRUCTION
DOCUMENTATION

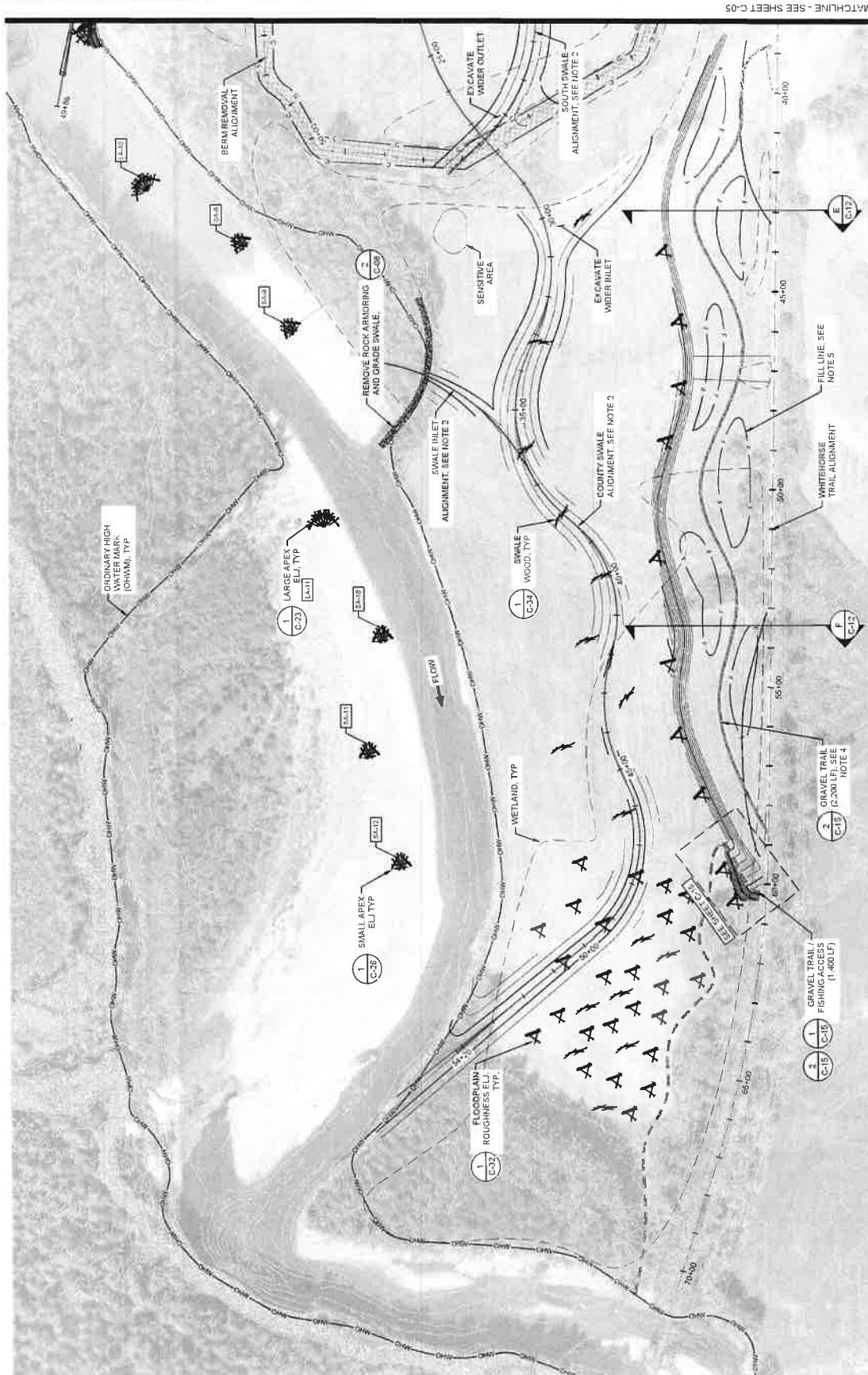
SHEET TITLE

SITE PLAN - 3

SHEET NUMBER

C-06

SHEET 10 OF 42



- GENERAL NOTES**
- SEE SHEET C-3 FOR ALIGNMENT, GRADING, AND WOOD CONTROL POINT TABLES.
 - SEE SHEET C-13 AND C-14 FOR SWALE LONGITUDINAL PROFILE AND SECTIONS.
 - ELUS SHOWN OUTSIDE OHWM WITHOUT AN ID ARE APPROXIMATE IN LOCATION.
 - THE CONTRACTOR SHALL STAKE THE GRAVEL TRAIL FOR APPROVAL BY THE CONTRACT REPRESENTATIVE. THE REPRESENTATIVE RESERVES THE RIGHT TO ADJUST THE LOCATION OF THE TRAIL BEFORE APPROVING.
 - THE CONTRACTOR SHALL GRADE MICROTOPOGRAPHY ATOP THE FILL PRISM.



MATCHLINE - SEE SHEET C-05



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

| REVISIONS | |
|-----------|-----------------------|
| # | DATE DESCRIPTION |
| 1 | 2/2/25 BID ADDENDUM 1 |

| | |
|-----------|---------|
| DESIGNED | GW / DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

PROJECT NUMBER 020100416
 ISSUE DATE 2/4/2025
 SCALE 1/4" = 1'-0"
 PLOTTED TO FULL SCALE (1:1)

PHASE
100% CONSTRUCTION
DOCUMENTATION

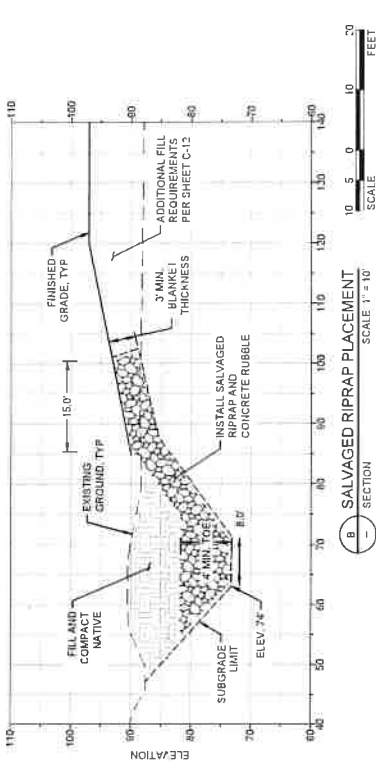
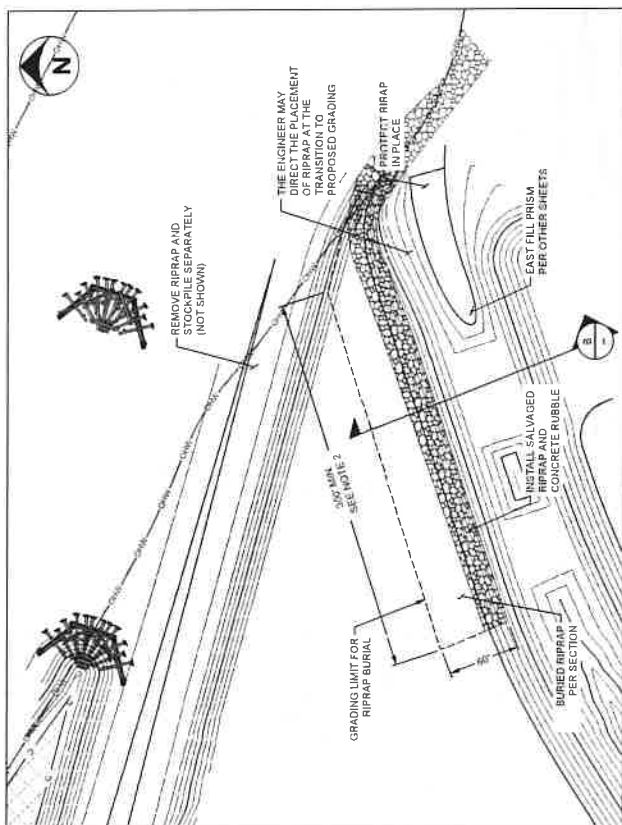
SHEET TITLE

SIDE CHANNEL
INLET AND ALCOVE
PLAN

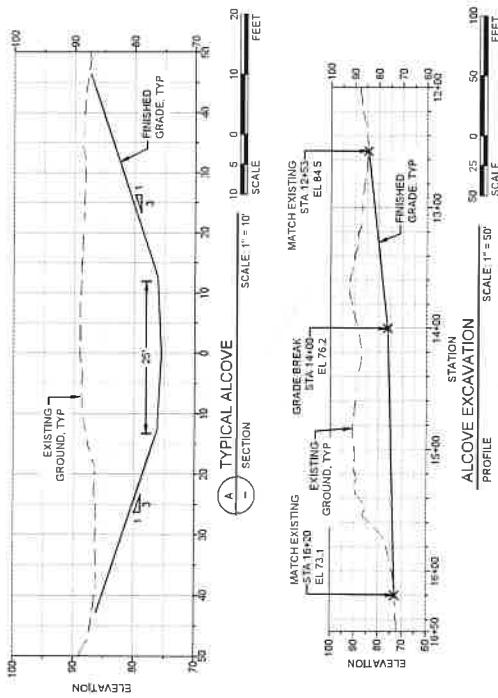
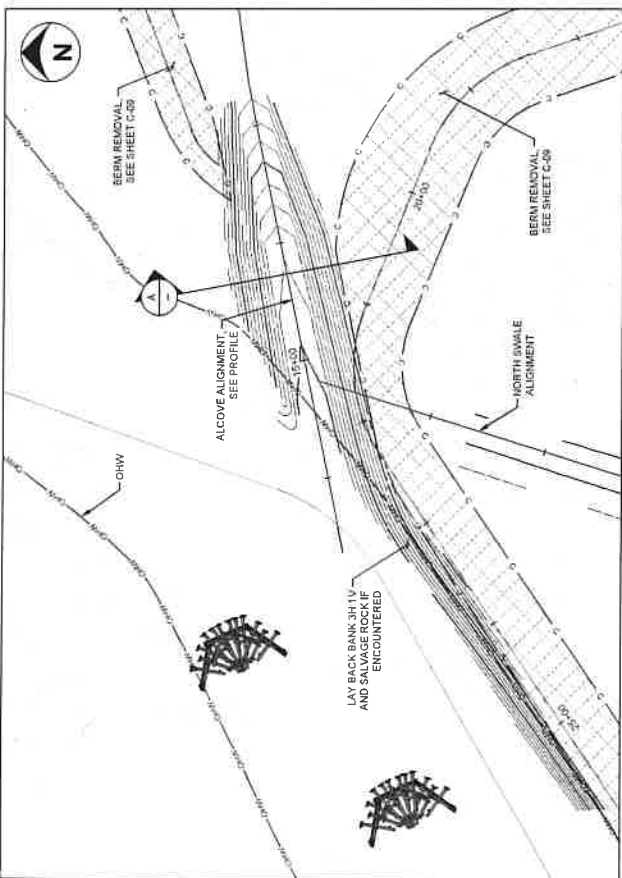
Abstract

C-07

SHEET 11 OF 42



- GENERAL NOTES**
1. SEE SHEET G-3 FOR ALIGNMENT, GRADING, AND WOOD CONTROL POINT TABLES.
 2. THE CONTRACTOR SHALL INSTALL SALVAGED ROCK AND CONCRETE RUBBLE TO THE MINIMUM LENGTH AND THICKNESS ON THIS SHEET. THE CONTRACTOR MAY INCREASE LENGTH AND/OR THICKNESS AS NEEDED BASED ON SALVAGED QUANTITY.



ALCOVE EXCAVATION STATION

PROFILE

CAFE FEET



201 ALASKA HWY
SUITE 200
OFFICE - 200 70 96 24
WWW.ESA-ALASKA.COM



Stillaguamish
Tribe

TRAFTON REACH
FLOODPLAIN RESTORATION
N. F. STILLAGUAMISH RIVER
TRAFTON WA

PROJECT NUMBER
032100418

DATE
2/2/25

DESCRIPTION
BID ADDENDUM 1

DESIGNED
CWT/DE

DRAWN
CWT

CHECKED
CWT

IN CHARGE
SR

PROJECT NUMBER
032100418

ISSUE DATE
2/4/2025

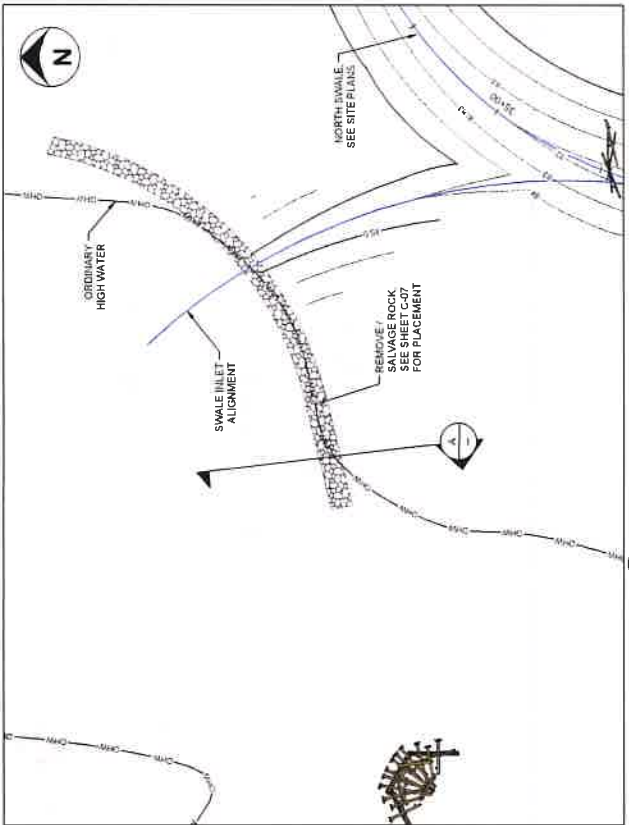
SCALE
AS SHOWN WHEN
PLOTTED TO FULL SIZE (2' = 1')

PHASE
100% CONSTRUCTION
DOCUMENTATION

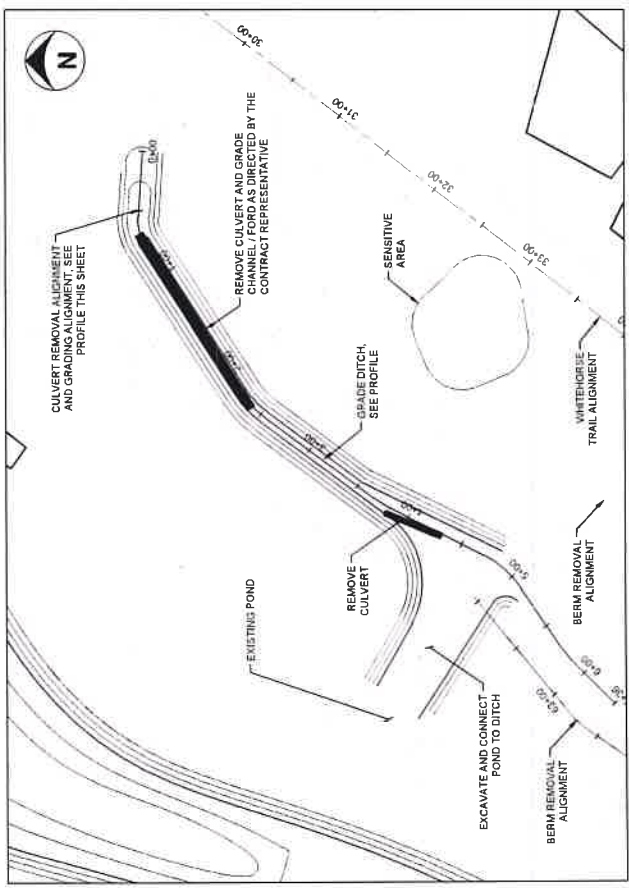
SHEET TITLE
DITCH GRADING
PLAN AND
DOWNSTREAM
ROCK REMOVAL

SHEET NUMBER
C-08

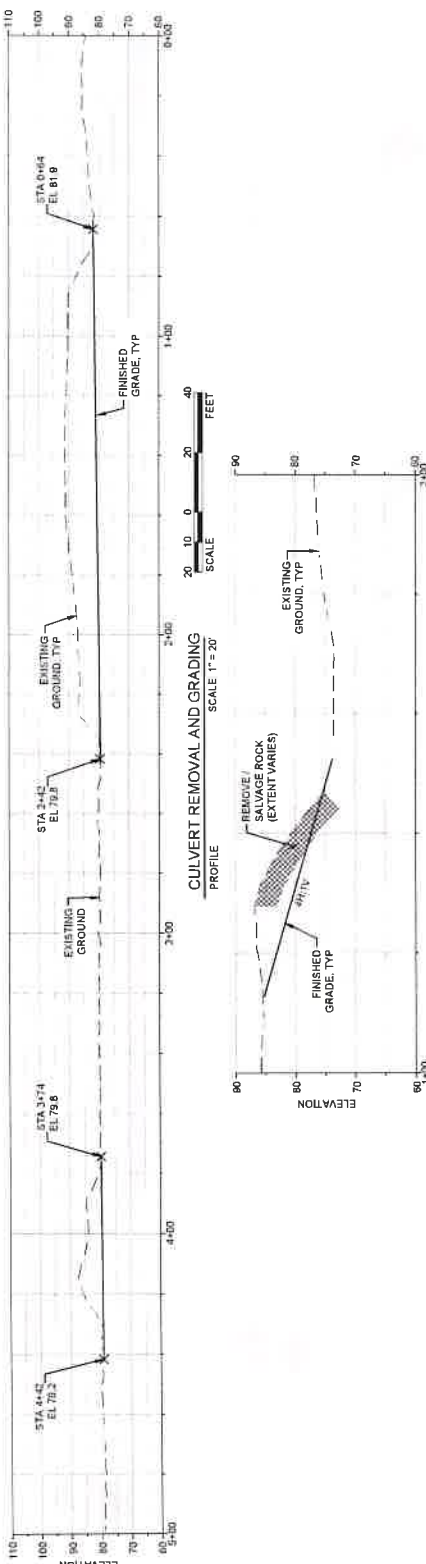
SHEET 12 OF 42



2 DOWNSTREAM ROCK REMOVAL
SCALE 1" = 50'



1 CULVERT REMOVAL AND GRADING
SCALE 1" = 50'



CULVERT REMOVAL AND GRADING
SCALE 1" = 20'



DOWNSTREAM ROCK REMOVAL
SCALE 1" = 10'



20700 HILLVIEW DRIVE
SEATTLE, WA 98148
206.465.1100
WWW.ESACORP.COM



11/3/25



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON WA

PROJECT NAME

REVISIONS
DATE DESCRIPTION
1 3/2/25 RHD ADDENDUM 1

DESIGNED GW/DE
DRAWN GW
CHECKED CM
IN CHARGE SM

PROJECT NUMBER 0302100418
ISSUE DATE 2/4/2025

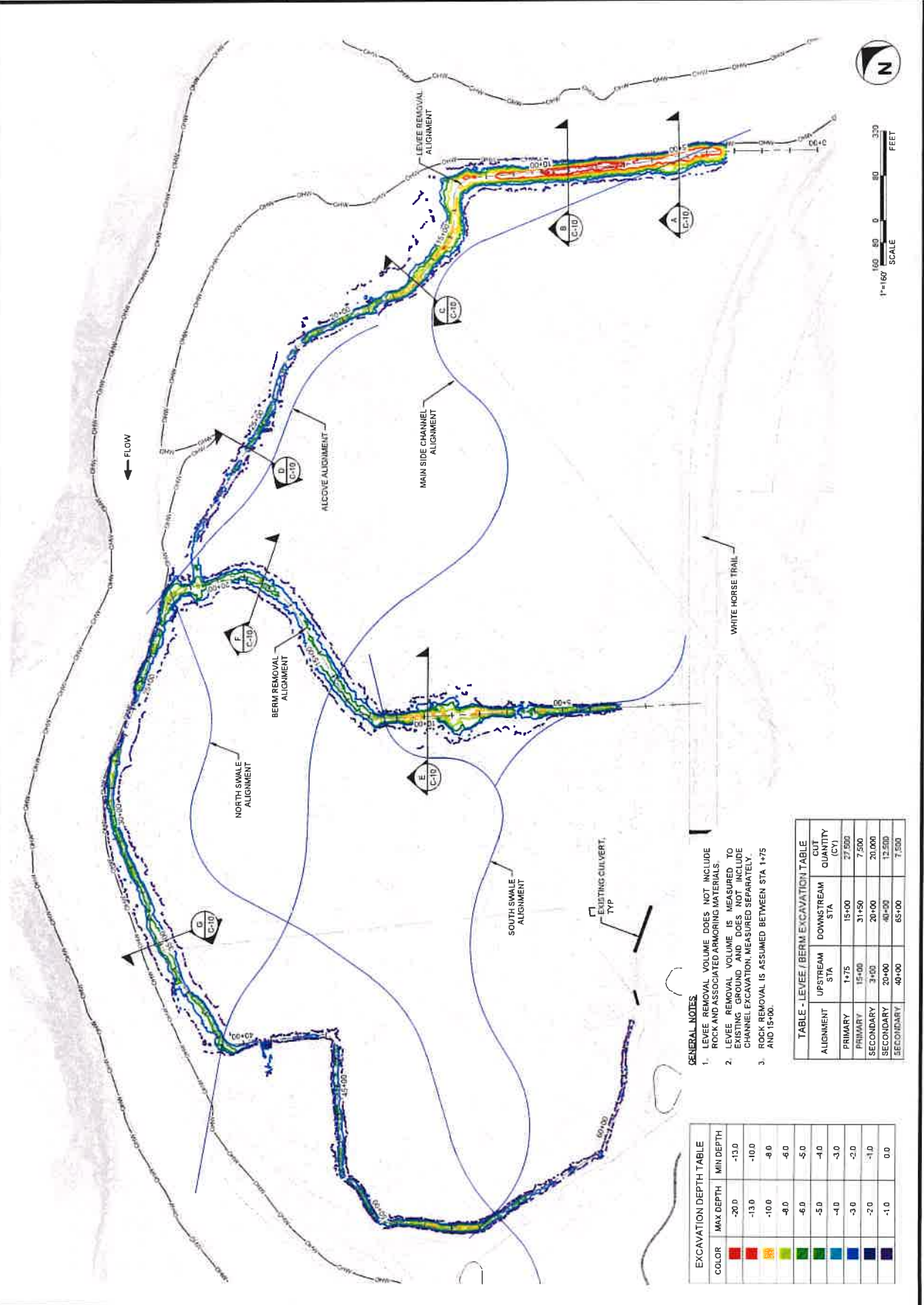
TEAM LEAD ASHLEY
PLOTTER TO FULL SIZE 12" X 14"

PHASE
100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

LEVEE AND BERM
REMOVAL PLAN

SHEET NUMBER
C-09

SHEET 13 OF 42



GENERAL NOTES

- LEVEE REMOVAL VOLUME DOES NOT INCLUDE ROCK AND ASSOCIATED ARMORING MATERIALS.
- LEVEE REMOVAL VOLUME IS MEASURED TO EXISTING GROUND AND DOES NOT INCLUDE CHANNEL EXCAVATION MEASURED SEPARATELY.
- ROCK REMOVAL IS ASSUMED BETWEEN STA 1+75 AND 15+00.

EXCAVATION DEPTH TABLE

| COLOR | MAX DEPTH | MIN DEPTH |
|----------------|-----------|-----------|
| Red | -20.0 | -13.0 |
| Orange | -13.0 | -10.0 |
| Yellow | -10.0 | -8.0 |
| Light Green | -8.0 | -6.0 |
| Green | -6.0 | -5.0 |
| Dark Green | -5.0 | -4.0 |
| Blue | -4.0 | -3.0 |
| Dark Blue | -3.0 | -2.0 |
| Very Dark Blue | -2.0 | -1.0 |
| Black | -1.0 | 0.0 |

TABLE - LEVEE / BERM EXCAVATION TABLE

| ALIGNMENT | UPSTREAM STA | DOWNSTREAM STA | EXCAVATION QUANTITY (CY) |
|-----------|--------------|----------------|--------------------------|
| PRIMARY | 1+75 | 15+00 | 27,500 |
| PRIMARY | 15+00 | 31+50 | 7,500 |
| SECONDARY | 3+00 | 20+00 | 20,000 |
| SECONDARY | 20+00 | 40+00 | 13,500 |
| SECONDARY | 40+00 | 65+00 | 7,500 |



2305 ALABAMA AVE
SUITE 100
BIRMINGHAM, AL 35201
OFFICE: 205.762.4444
WWW.ESA-INC.COM



11/13/25



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUMISH RIVER
TRAFTON WA

PROJECT NAME

DATE

DESCRIPTION

1 2/2/25 BID ADDENDUM 1

DESIGNED

GN/DE

DRAWN

GN

CHECKED

GN

IN CHARGE

SM

PROJECT NUMBER

02021004148

ISSUE DATE

2-4-2025

SEALER'S SIGNATURE

PRINTED NAME

REG. NO.

100% CONSTRUCTION

DOCUMENTATION

SHEET TITLE

LEVEE AND BERM

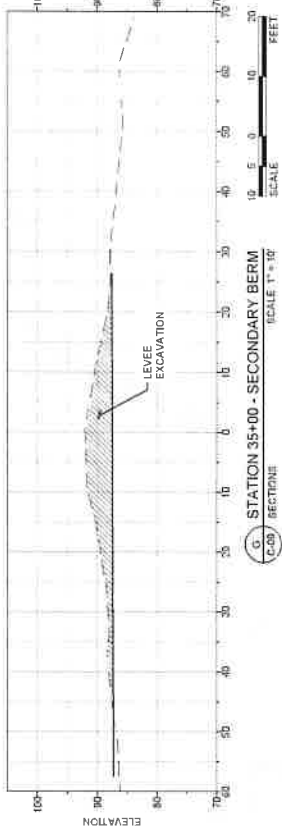
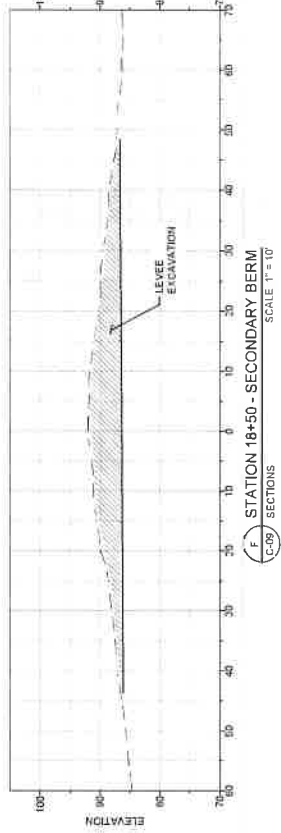
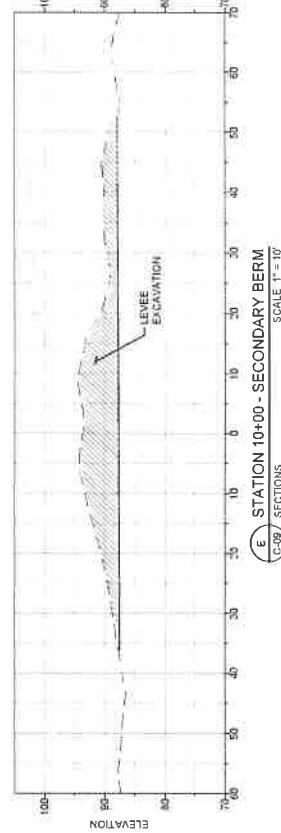
REMOVAL -

SECTIONS

SHEET NUMBER

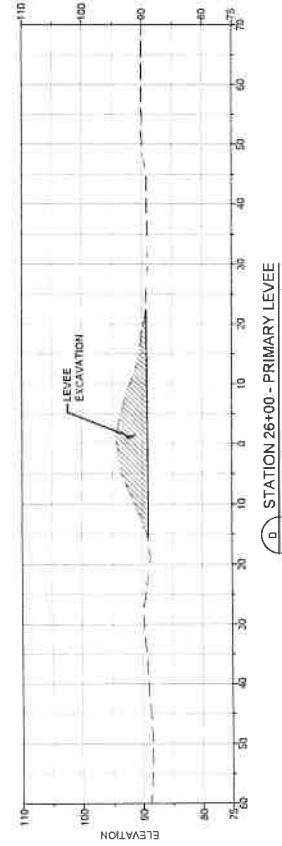
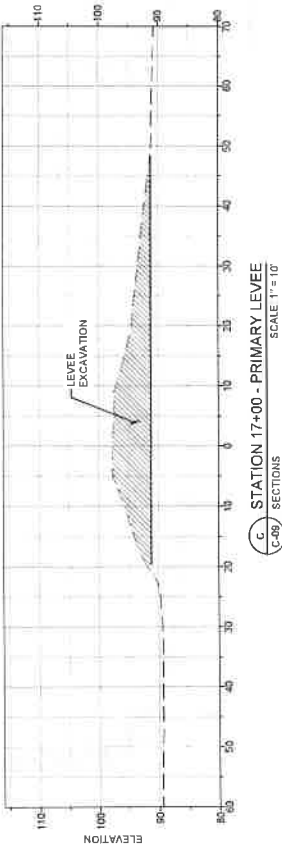
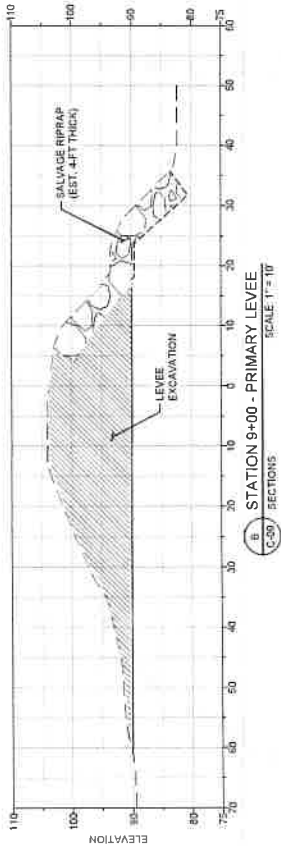
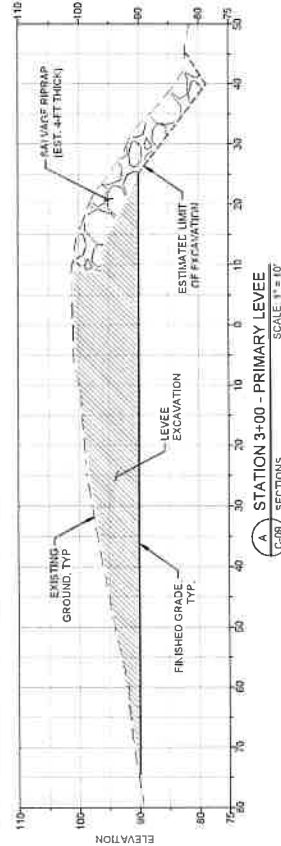
C-10

SHEET 14 OF 42



GENERAL NOTES

1. SECTIONS ARE ORIENTED LOOKING DOWNSTREAM (LEFT TO RIGHT).
2. SECTIONS DEPICT LEVEE EXCAVATION AND ROCK REMOVAL ONLY. CHANNEL EXCAVATION, ASSOCIATED FLOODPLAIN GRADING, OR FILL FEATURES ARE NOT SHOWN. REFER TO THE SITE PLAN FOR ADDITIONAL REQUIREMENTS.
3. SEE SECTION 243.320 OF THE PROJECT SPECIFICATIONS FOR RIPRAP REMOVAL AND SALVAGE REQUIREMENTS.





NOV 14, 2014
DATE
SEATTLE, WASHINGTON
WWW.ESA-USA.COM



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLEQUAMISH RIVER

| REVISION | DATE | DESCRIPTION |
|----------|--------|----------------|
| 1 | 3/2/25 | BID ADDENDUM 1 |

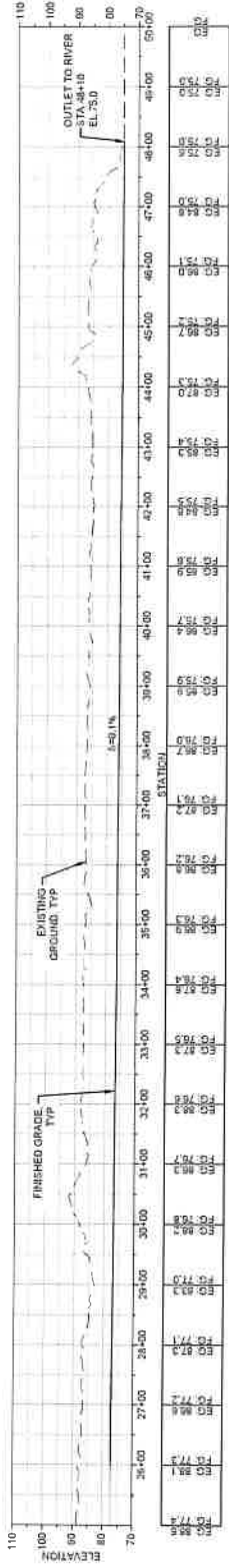
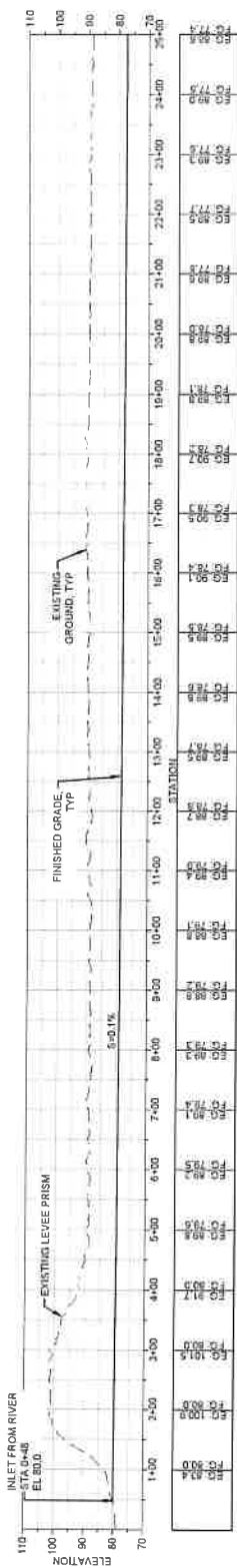
| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

| | |
|----------------|-------------------|
| PROJECT NUMBER | D022100416 |
| ISSUE DATE | 2/4/2025 |
| SCALE | AS SHOWN |
| PLOTTED TO | PL 1/4" = 1' 3/4" |

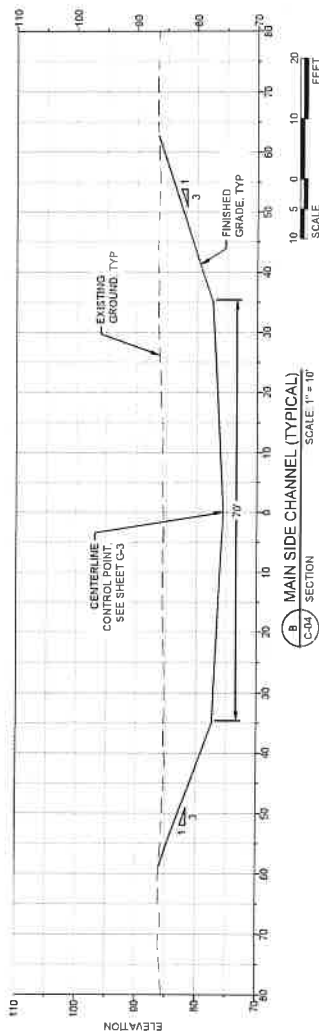
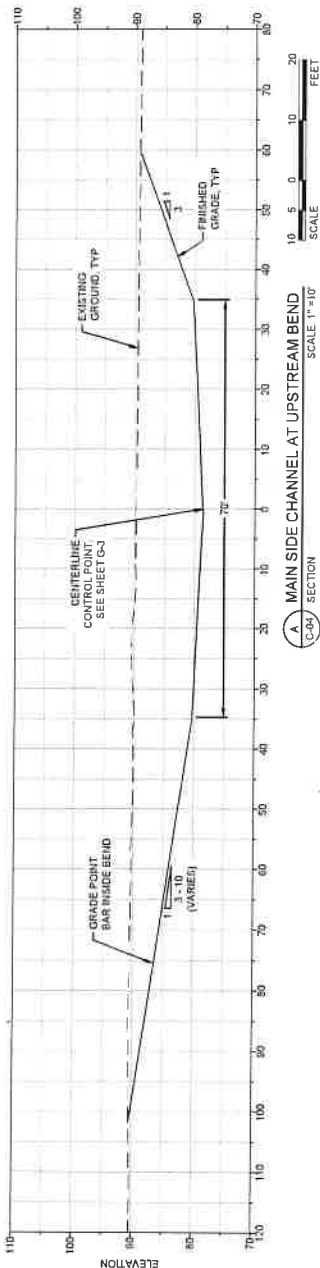
| | |
|-------------|---------------------------------|
| PHASE | 100% CONSTRUCTION DOCUMENTATION |
| SHEET TITLE | |

SIDE CHANNEL -
PROFILE AND
SECTIONS

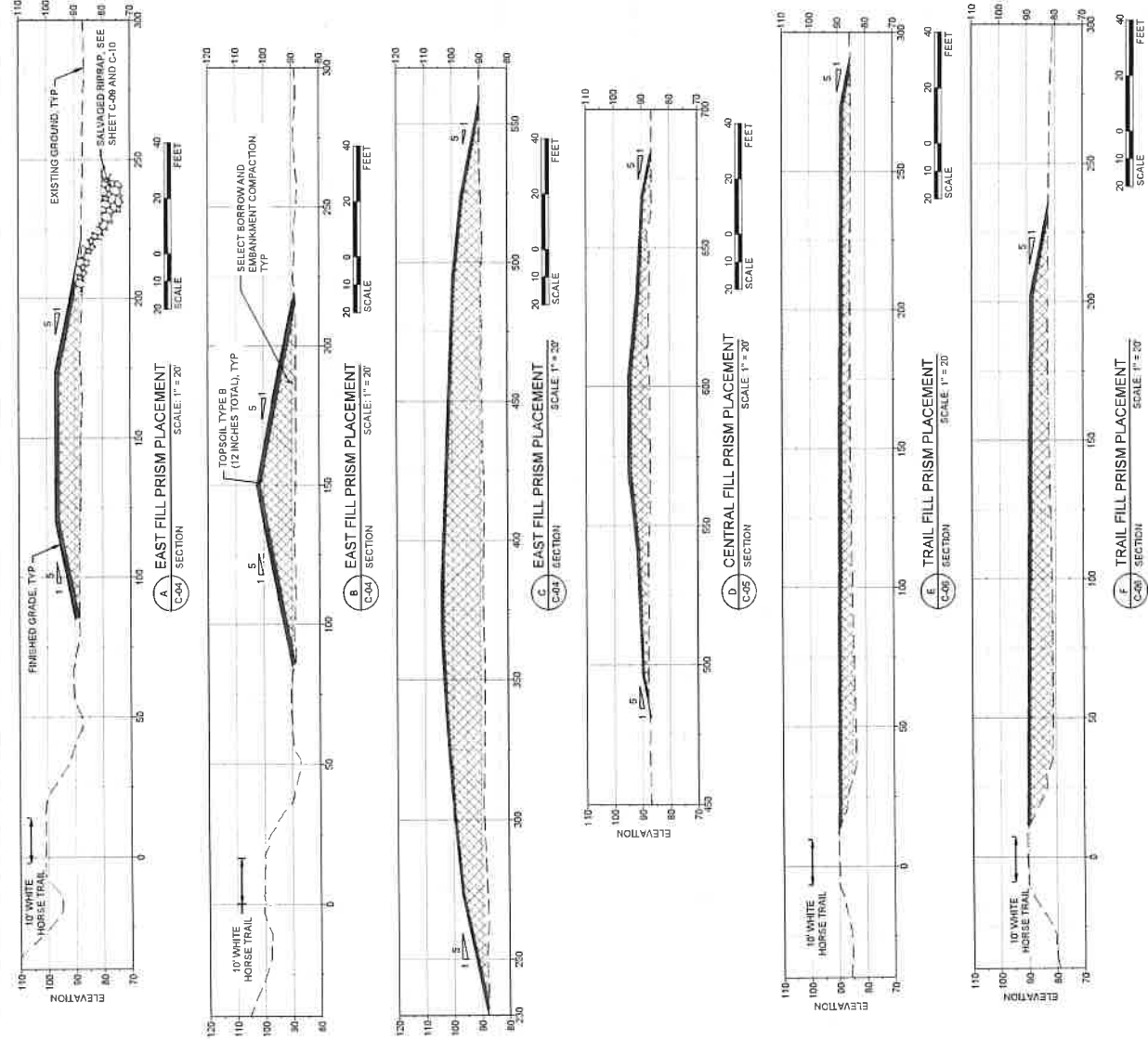
SHEET NUMBER
C-11
SHEET 15 OF 42



PI 1 MAIN SIDE CHANNEL
C-06 PROFILE
SCALE 1" = 100'



- GENERAL NOTES
1. SECTIONS ARE ORIENTED LOOKING DOWNSTREAM (LEFT TO RIGHT).
 2. LOW FLOW CHANNEL AND LOCALIZED POOLS NEAR EL 84. NOT SHOWN. CONTRACTOR TO GRADE LOW FLOW CHANNEL COMPLEXITY AS DIRECTED BY THE ENGINEER.





5000 1ST AVENUE
SEATTLE, WA 98101
PHONE: 206.465.5500
WWW.ESA-SEATTLE.COM



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLEQUAMISH RIVER
TRAFTON, WA

PROJECT NAME
DATE
DESCRIPTION
BY
1-2-2018
BIO ACCREDITED

DESIGNED
DRAWN
CHECKED
IN CHARGE
SM

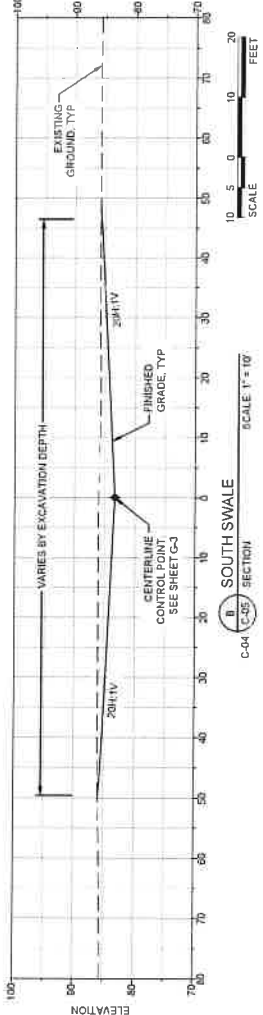
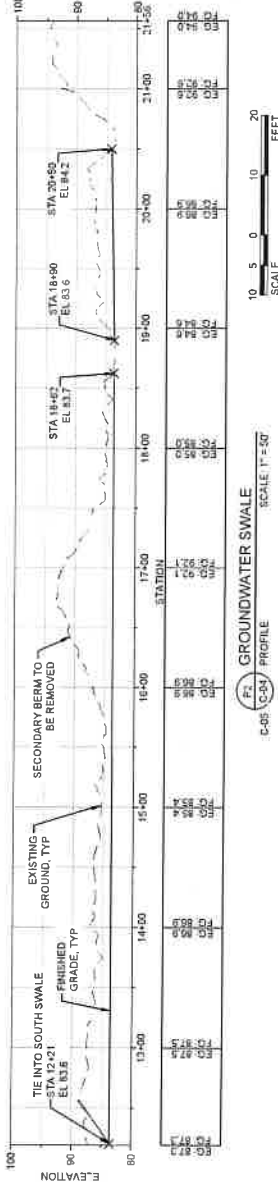
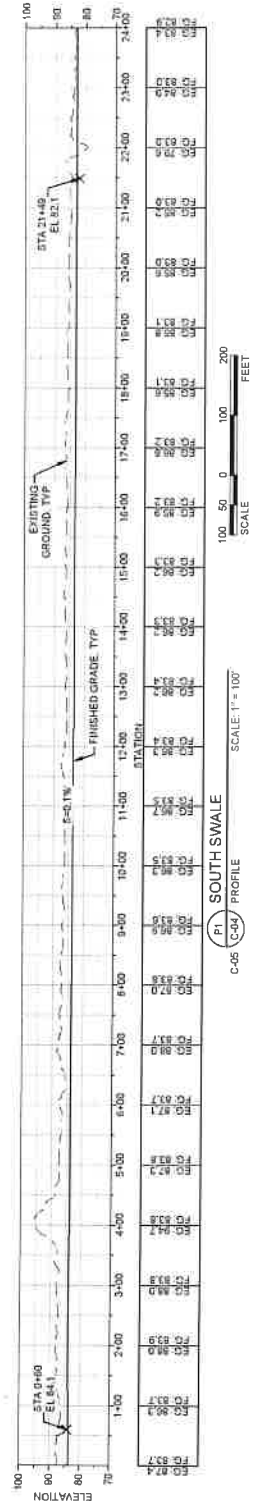
PROJECT NUMBER
ISSUE DATE
SCALE
PLOT TOTAL SIZE (L x W)

100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

SWALE GRADING -
PROFILE AND
SECTIONS (1)

C-13

SHEET 17 OF 42



GENERAL NOTES
1. SECTIONS ARE ORIENTED LOOKING DOWNSTREAM (LEFT TO RIGHT).



207 ALASKA HWY
SUITE 220
ANCHORAGE, AK 99501
OFFICE: 206.788.9458
WWW.ESA-SC.COM



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

PROJECT NAME

SUBSECTION

DATE DESCRIPTION

1 3/2/25 BID ADDENDUM 1

DESIGNED GW/DE

DRAWN GW

CHECKED GW

IN CHARGE SM

PROJECT NUMBER D202100418

ISSUE DATE 2/4/2025

DESIGNED BY INDIANAPOLIS

PROJECTED TO FULL SIZE (1"=1')

SCALE

100% CONSTRUCTION

DOCUMENTATION

SHEET TITLE

SWALE GRADING -

PROFILE AND

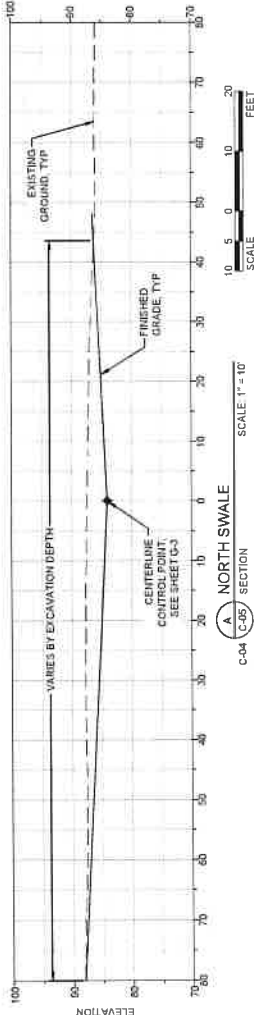
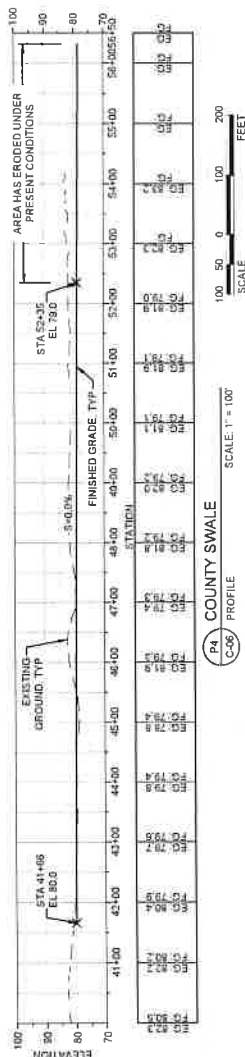
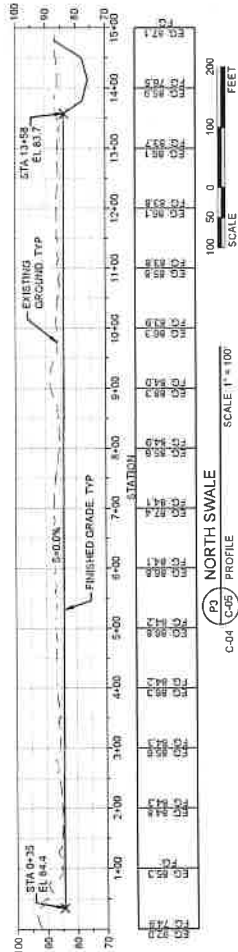
SECTIONS (2)

SHEET NUMBER

C-14

SHEET 18 OF 42

GENERAL NOTES
1. SECTIONS ARE ORIENTED LOOKING DOWNSTREAM
(LEFT TO RIGHT).





TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLEQUAMISH RIVER
TRAFTON, VA

| REVISION | DATE | DESCRIPTION |
|----------|--------|----------------|
| 1 | 2/2/23 | BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

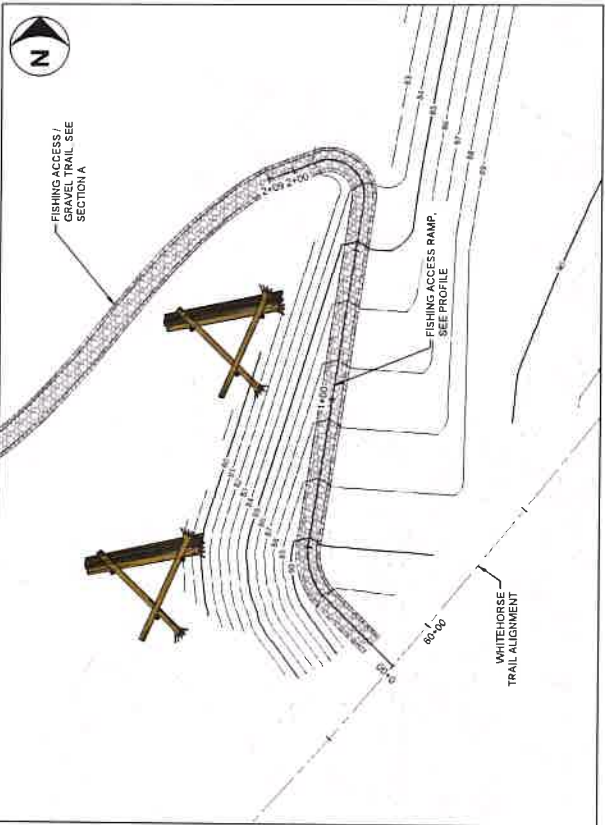
PROJECT NUMBER: D03200418
ISSUE DATE: 2/4/2025
SCALE: AS SHOWN
PRINTED TO SCALE (2"=1')

PHASE:
100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

GRAVEL TRAIL
DETAILS

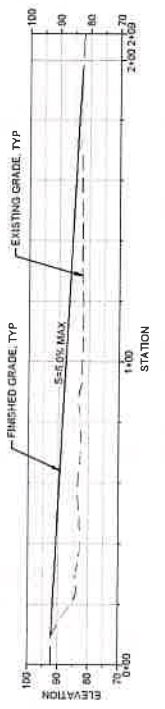
C-15

SHEET 19 OF 42



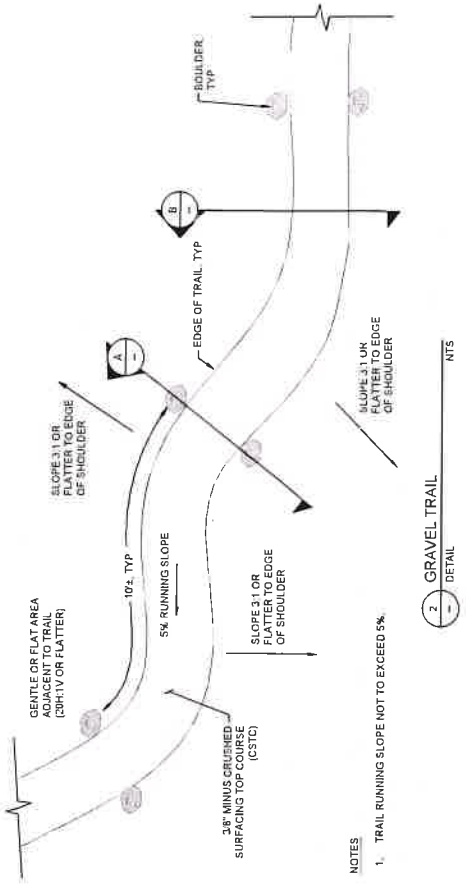
1. FISHING ACCESS RAMP
SCALE 1"=20'

SCALE 1"=20'

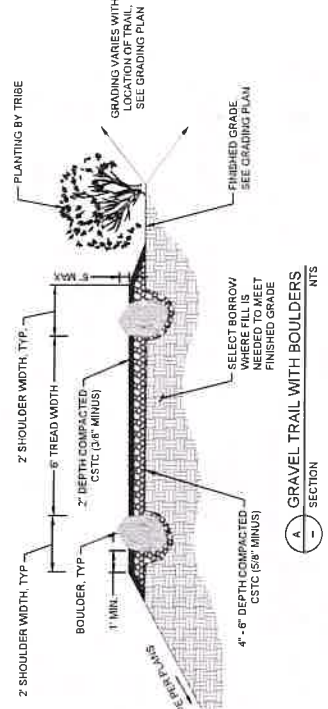


3. GRAVEL TRAIL / FISHING ACCESS
SCALE 1"=20'

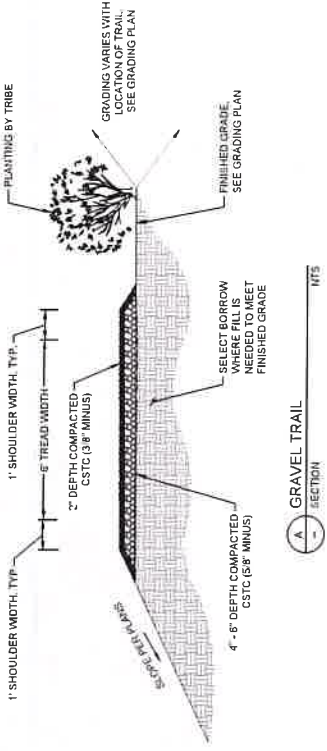
SCALE 1"=20'



2. GRAVEL TRAIL
DETAIL



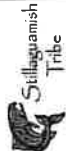
A. GRAVEL TRAIL WITH BOULDERS
SECTION



A. GRAVEL TRAIL
SECTION



1/13/25



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

TR4FTCN V/4

| BIDDING | |
|---------|-----------------------|
| # | DATE DESCRIPTION |
| 1 | 3/2/25 BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

PROJECT NUMBER D02100416
ISSUE DATE 04/2025
PLEASE RETURN TO: WASHINGTON
BUREAU OF PUBLIC UTILITIES 1100

100% CONSTRUCTION DOCUMENTS
SHEET TITLE

SITE PREPARATION AND TESC - 1

C-17

SHEET 21 OF 42



MATCHLINE - SEE SHEET C-18



200 ALLEGANY
COUNTY, PA
OFFICE OF THE
SHERIFF



11/1/25
Sullivan
Tribe

TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

PROJECT NAME
DATE
DESCRIPTION
1 2/2/25 BID ADDENDUM 1

DESIGNED BY/DE
DRAWN BY/DA
CHECKED BY/CA
IN CHARGE BY/IA

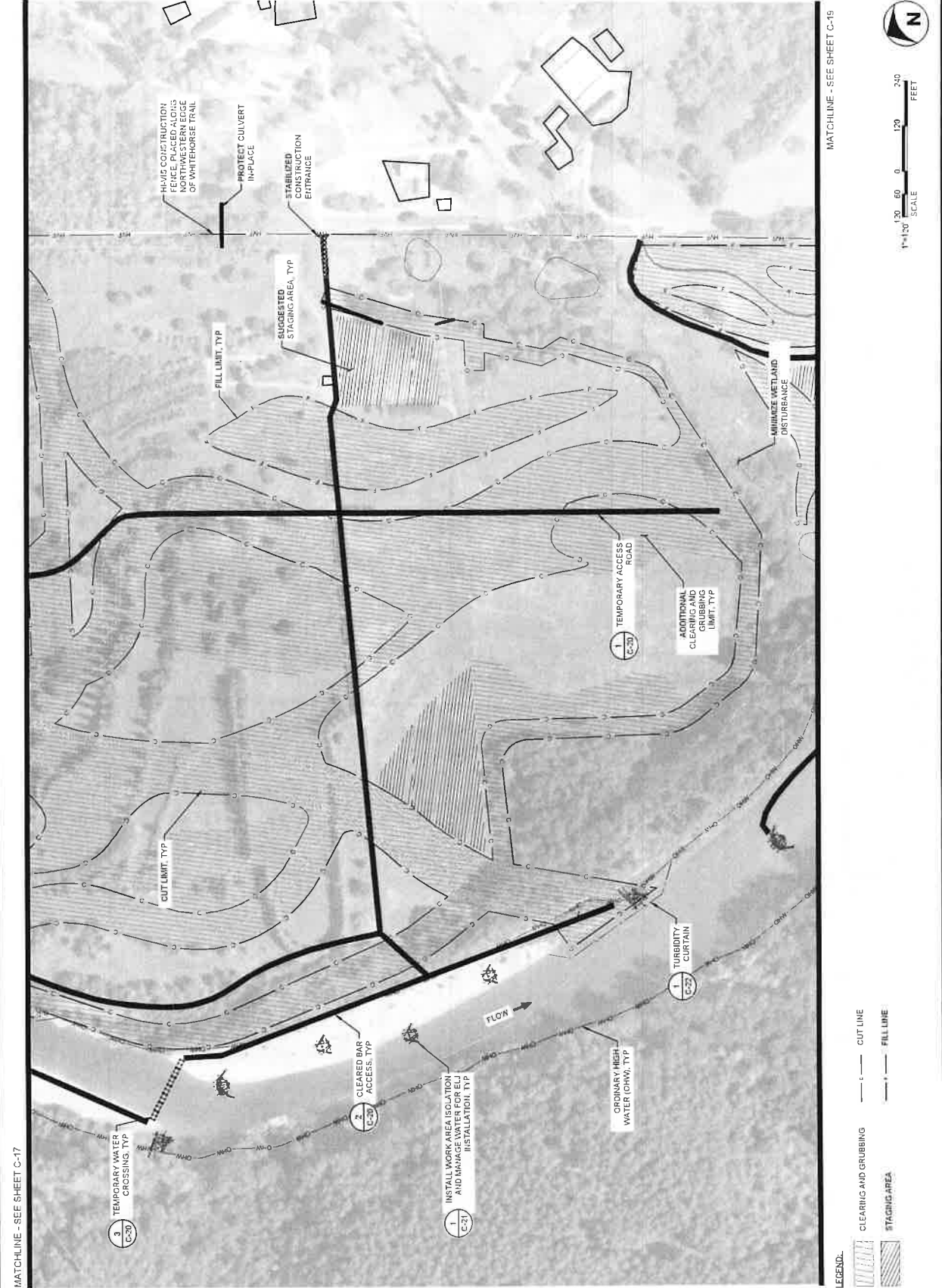
PROJECT NUMBER 000100418
DATE 2/4/2025
PROJECT LOCATION
PROJECTED TO DATE 02/04/25

100% CONSTRUCTION
DOCUMENTATION
SHEET NAME

SITE PREPARATION
AND TESC - 2

SHEET NUMBER
C-18

SHEET 22 OF 42





200 ALASKA AVE.
SEATTLE, WA 98101
PHONE: 206.461.5500
WWW.ESA-USA.COM



11/13/25



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON, WA

PROJECT NAME

DESIGNED: GW/DE
DRAWN: GW
CHECKED: CM
IN CHARGE: SM

PROJECT NUMBER: 002100418
REVISION DATE: 2/4/2025
PROJECT AS SHOWN MAY BE
DIFFERENT FROM THE FIELD

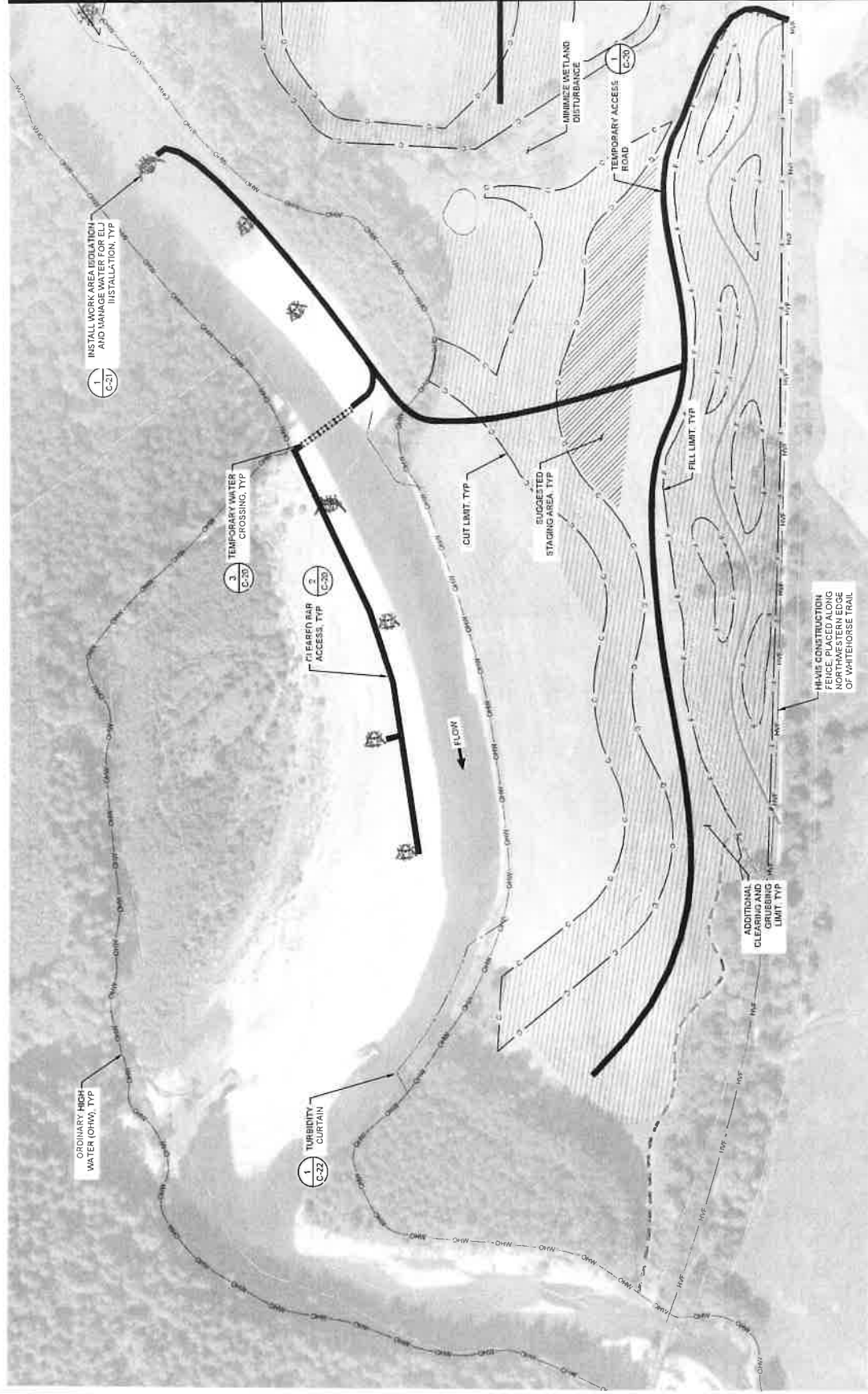
100% CONSTRUCTION
DOCUMENTATION

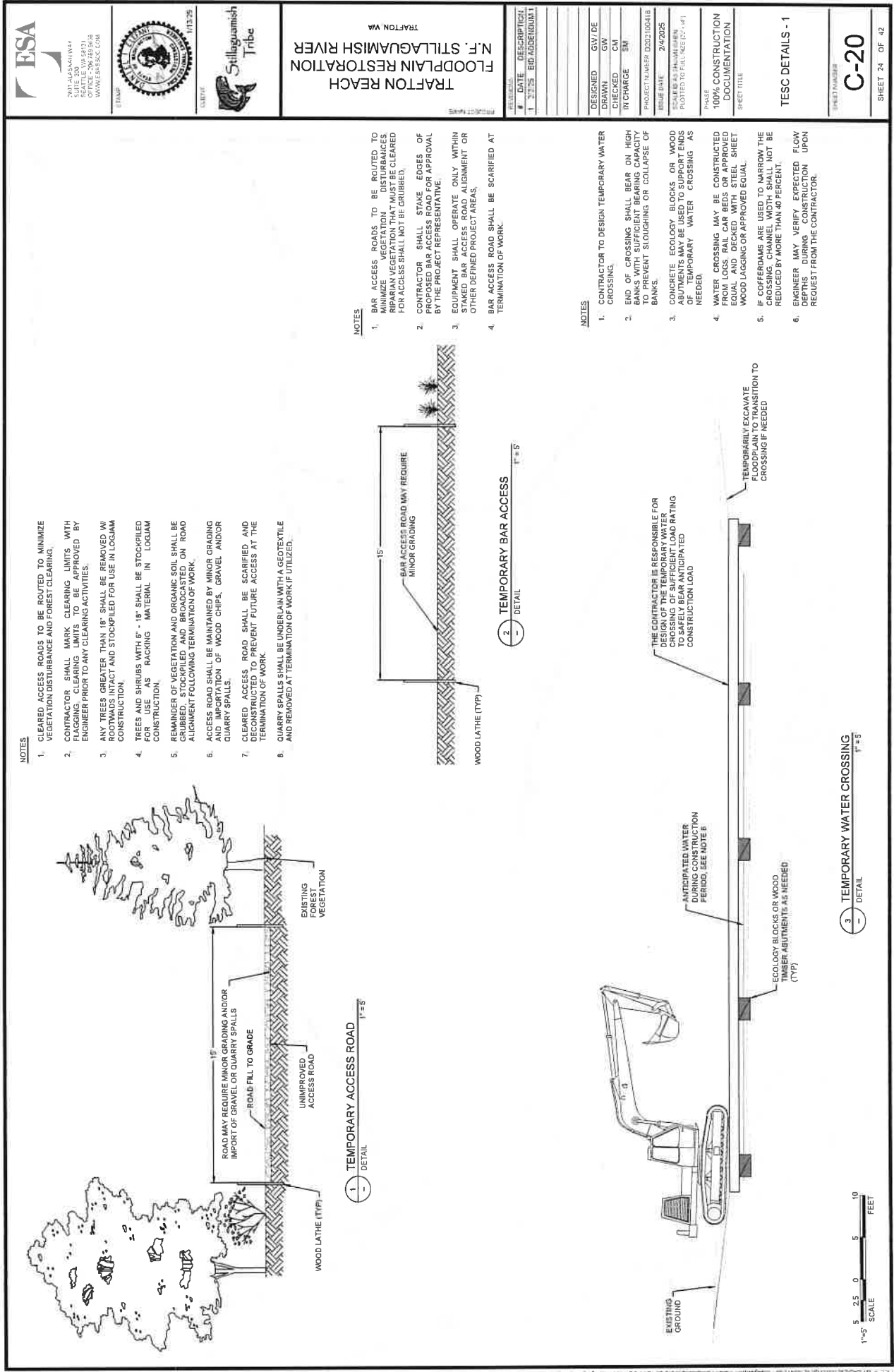
SHEET TITLE

SITE PREPARATION
AND TESC - 3

C-19

SHEET 23 OF 42





NOTES

1. CLEARED ACCESS ROADS TO BE ROUTED TO MINIMIZE VEGETATION DISTURBANCE AND FOREST CLEARING.
2. CONTRACTOR SHALL MARK CLEARING LIMITS WITH FLAGGING CLEARING LIMITS TO BE APPROVED BY ENGINEER PRIOR TO ANY CLEARING ACTIVITIES.
3. ANY TREES GREATER THAN 18" SHALL BE REMOVED W/ PROPER CONTRACT AND STOCKPILED FOR USE IN LOGJAM CONSTRUCTION.
4. TREES AND SHRUBS WITH 6" - 18" SHALL BE STOCKPILED FOR USE AS RACKING MATERIAL IN LOGJAM CONSTRUCTION.
5. REMAINDER OF VEGETATION AND ORGANIC SOIL SHALL BE GRUBBED, STOCKPILED AND BROADCASTED ON ROAD ALIGNMENT FOLLOWING TERMINATION OF WORK.
6. ACCESS ROAD SHALL BE MAINTAINED BY MINOR GRADING AND IMPORTATION OF WOOD CHIPS, GRAVEL AND/OR QUARRY SPALLS.
7. CLEARED ACCESS ROAD SHALL BE SCARIFIED AND DECONSTRUCTED TO PREVENT FUTURE ACCESS AT THE TERMINATION OF WORK.
8. QUARRY SPALLS SHALL BE UNDERLAIN WITH A GEOTEXTILE AND REMOVED AT TERMINATION OF WORK IF UTILIZED.

NOTES

1. BAR ACCESS ROADS TO BE ROUTED TO MINIMIZE VEGETATION DISTURBANCE AND FOREST CLEARING. RIPARIAN VEGETATION THAT MUST BE CLEARED FOR ACCESS SHALL NOT BE GRUBBED.
2. CONTRACTOR SHALL STAKE EDGES OF ROAD AND BAR ACCESS ROAD FOR APPROVAL BY THE PROJECT REPRESENTATIVE.
3. EQUIPMENT SHALL OPERATE ONLY WITHIN STAKED BAR ACCESS ROAD ALIGNMENT OR OTHER DEFINED PROJECT AREAS.
4. BAR ACCESS ROAD SHALL BE SCARIFIED AT TERMINATION OF WORK.

NOTES

1. CONTRACTOR TO DESIGN TEMPORARY WATER CROSSING.
2. END OF CROSSING SHALL BEAR ON HIGH BANKS WITH SUFFICIENT BEARING CAPACITY TO PREVENT SLOUGHING OR COLLAPSE OF BANKS.
3. CONCRETE ECOLOGY BLOCKS OR WOOD ABUTMENTS MAY BE USED TO SUPPORT ENDS OF TEMPORARY WATER CROSSING AS NEEDED.
4. WATER CROSSING MAY BE CONSTRUCTED FROM LOGS, RAIL CAR BEDS OR APPROVED EQUAL AND DECAYED WITH STEEL SHEET PILING OR WOOD LAGGING OR APPROVED EQUAL.
5. IF COFFERDAMS ARE USED TO NARROW THE CROSSING, CHANNEL WIDTH SHALL NOT BE REDUCED BY MORE THAN 40 PERCENT.
6. ENGINEER MAY VERIFY EXPECTED FLOW DEPTHS DURING CONSTRUCTION UPON REQUEST FROM THE CONTRACTOR.



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

| REV. | DATE | DESCRIPTION |
|------|--------|----------------|
| 1 | 2/2/25 | BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | EM |

PROJECT NUMBER: D022100418
SHEET NUMBER: C-20
ISSUE DATE: 2/4/2025

SCALE: 1"=5' (HORIZONTAL)
1"=1' (VERTICAL)
PLOT TO FULL SIZE (24" x 36")

100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

TESC DETAILS - 1

C-20

SHEET 24 OF 42



ENVIRONMENTAL
SCIENCE & ANALYSIS
SUSTAINABILITY
CONSULTING
WATER & LAND
MANAGEMENT



CLIENT
Stillaguamish
Tribe

TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON, WA

| REVISION | DATE | DESCRIPTION |
|----------|--------|----------------|
| 1 | 2/2/25 | BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

PROJECT NUMBER D302.000418
ISSUE DATE 2/4/2025
SCALE AS INDICATED
PLOT TO FULL SIZE (2" = 1')

100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

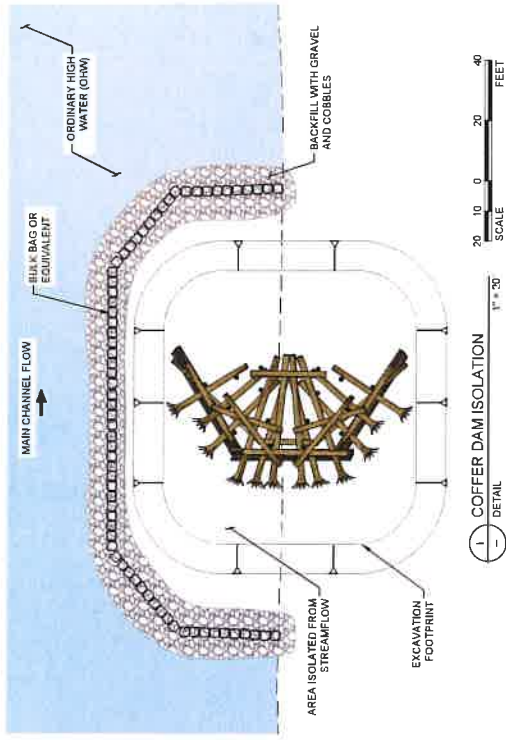
TESC DETAILS - 2

C-21

SHEET 25 OF 42

NOTES

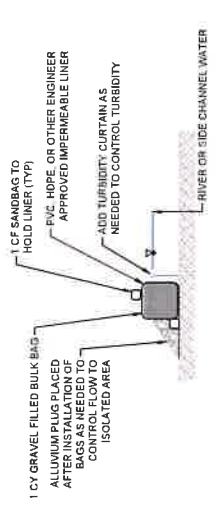
- SAMPLE SITE ISOLATION METHODS LISTED IN THE ATTACHED DOCUMENTS. DURING RIVER CHANNEL RESTORATION, CONSTRUCTION CONDITIONS AND ARE SUBJECT TO CHANGE BASED ON SITE CONDITIONS AND DESIGN. THE CONTRACTOR'S RESPONSIBILITY IS TO DESIGN AND MANAGE WATER MANAGEMENT METHODS TO MEET THE REQUIREMENTS OF ALL PERMITS AND STATE WATER QUALITY REQUIREMENTS.



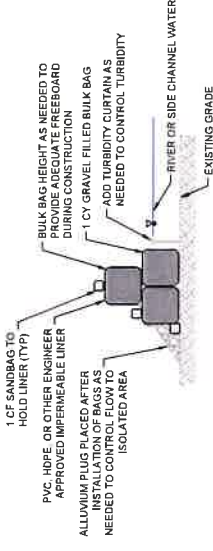
1 COFFER DAM ISOLATION
1" = 30'
SCALE
DETAIL

NOTES

- PLACER REMOVE ALLUVIUM AS LAST/FIRST STEP OF BULK BAG ISOLATION SYSTEM INSTALLATION/REMOVAL.
- ONLY INSTALL SINGLE BULK BAG ISOLATION WHERE WATER DEPTH IS EXPECTED TO BE LESS THAN 2 FEET. IF GREATER THAN 2 FEET, USE MULTIPLE BULK BAG COFFER DAM.



2 EXAMPLE SINGLE BULK BAG COFFERDAM
NOT TO SCALE
DETAIL



3 EXAMPLE MULTIPLE BULK BAG COFFERDAM
NOT TO SCALE
DETAIL



1000



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

PROJECT NAME

| # | DATE | DESCRIPTION |
|---|-------|--------------|
| 1 | 10/25 | BIO ACCIDENT |

| | |
|-----------|-------|
| DESIGNED | GV/OE |
| DRAWN | GV |
| CHECKED | GM |
| IN CHARGE | SM |

PROJECT NUMBER D-02100416
ISSUE DATE 3-4-2025

SCIENCE

EDITORIAL BOARD

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USF

100% CONSTRUCTION

DOCUMENTATION

3711 133H

TESC DETAILS - 3

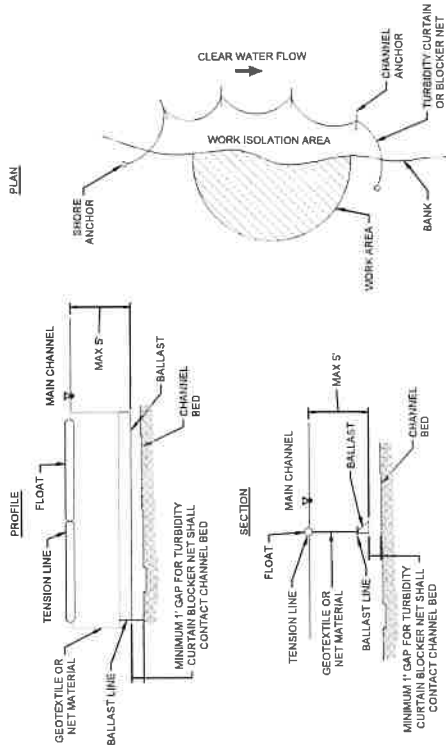
SHEET NUMBER

C-22

SHEET 26 OF 42

NOTES

1. BLOCKER NETS SHALL EXTEND MIN 6" ABOVE THE WATER SURFACE TO PREVENT FISH FROM JUMPING.
2. IN AREAS OF HIGH VELOCITY OR UNEVEN BED, PILE ROCKS ON THE BOTTOM OF THE BLOCKER NET TO SEAL IT TIGHTLY TO THE BED.



ALL WORK SHOWN ON THIS
DETAIL IS WITHIN OHW

| 1 | TURBIDITY CURTAIN OR BLOCK NET | NOT TO SCALE |
|---|--------------------------------|--------------|
| 1 | | |



| TYPE 1 LARGE APEX JAM - MATERIAL SCHEDULE | | | | |
|---|---------------|-------------|-------------------|----|
| MATERIAL ID | DIAMETER (IN) | LENGTH (FT) | QTY PER STRUCTURE | |
| KEY LOG (N1) | 18 - 24 | 30 - 50 | 14 | |
| KEY LOG (N2) | 12 - 15 | 30 - 50 | 0 | |
| LOG MEMBER (L1) | 12 - 18 | 30 - 50 | 18 | |
| TIMBER PILE (P1) | 24" BUTT | 50 | 1 | |
| RACKING BUNDLE | 48 | 30 - 40 | 8 | |
| RACKING LOGS | 4 - 8 | 20 - 40 | 150 C1 | |
| WOODY SLASH | - | - | - | 18 |
| HARDWARE CONNECTION | - | - | - | - |

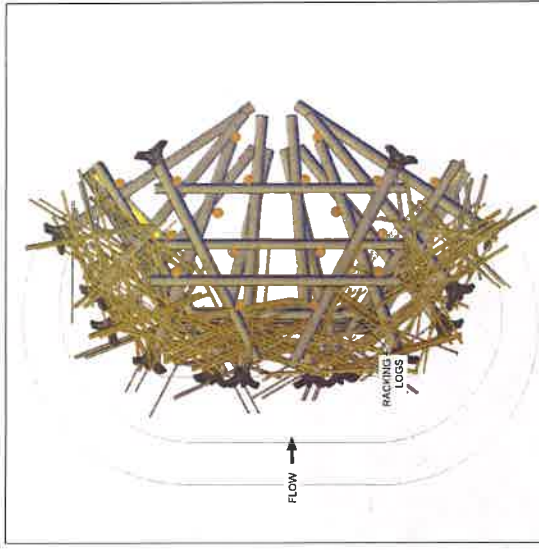
| REVISION | DATE | DESCRIPTION |
|----------|--------|----------------|
| 1 | 2/2/25 | BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

| | |
|----------------------|-----------|
| PROJECT NUMBER | D02100418 |
| NAME DATE | 2/4/2025 |
| SCALE | AS SHOWN |
| PLOTTED TO FULL SIZE | (1"=1') |

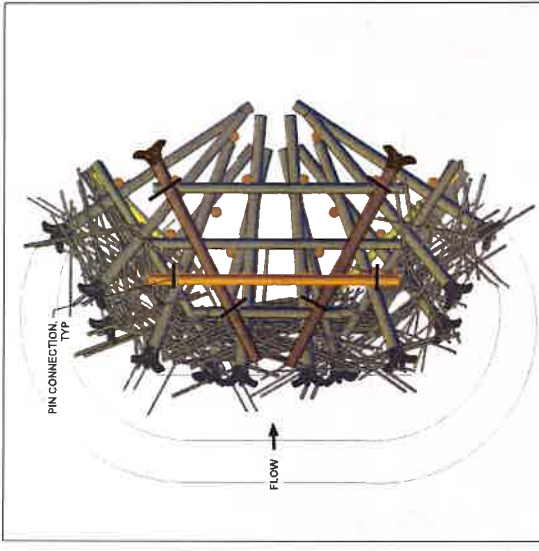
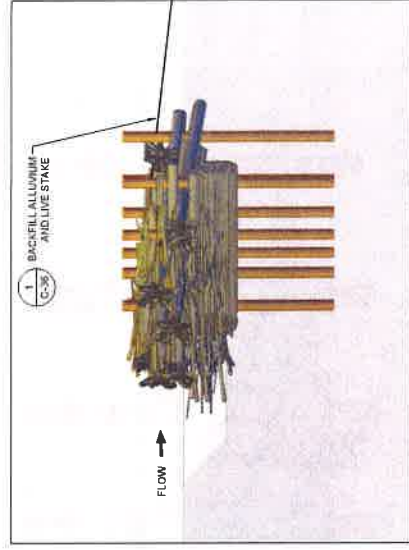
| | |
|---------------|-------------------|
| PHASE | 100% CONSTRUCTION |
| DOCUMENTATION | |
| SHEET TITLE | |

TYPE 1 APEX JAM
LAYERING PLAN (2)



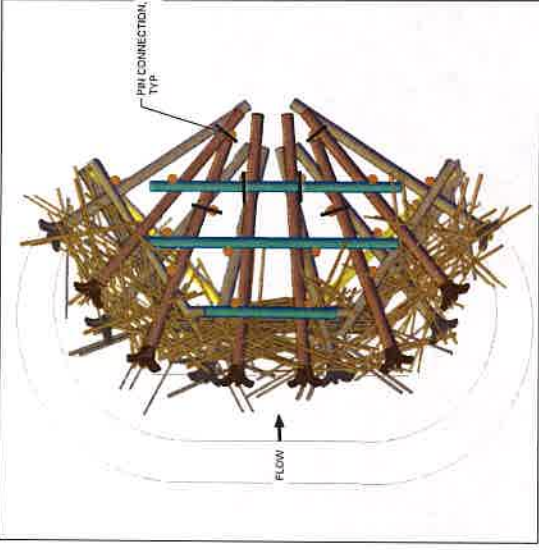
LAYER 5

1. BACKFILL THE STRUCTURE WITH ALLUVIUM AND SLASH UNTIL MATERIAL CRESTS ABOVE THE CURRENT LAYER.
2. LIVE STAKE STRUCTURE PER SHEET C-36.



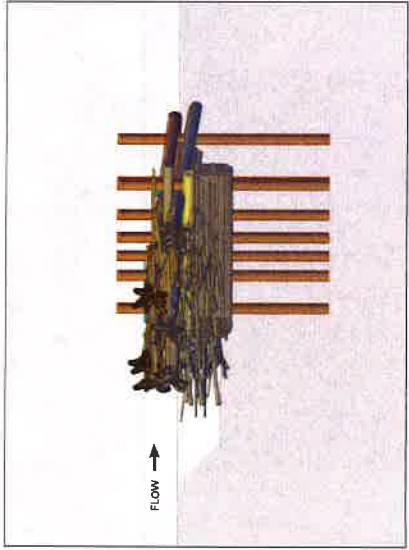
LAYER 4

1. PLACE 2 KEY LOGS.
2. PLACE 1 LOG MEMBER.
3. BACKFILL THE STRUCTURE WITH ALLUVIUM AND SLASH UNTIL MATERIAL CRESTS ABOVE THE CURRENT LAYER.
4. INSTALL 8 PIN CONNECTIONS WHERE SHOWN.

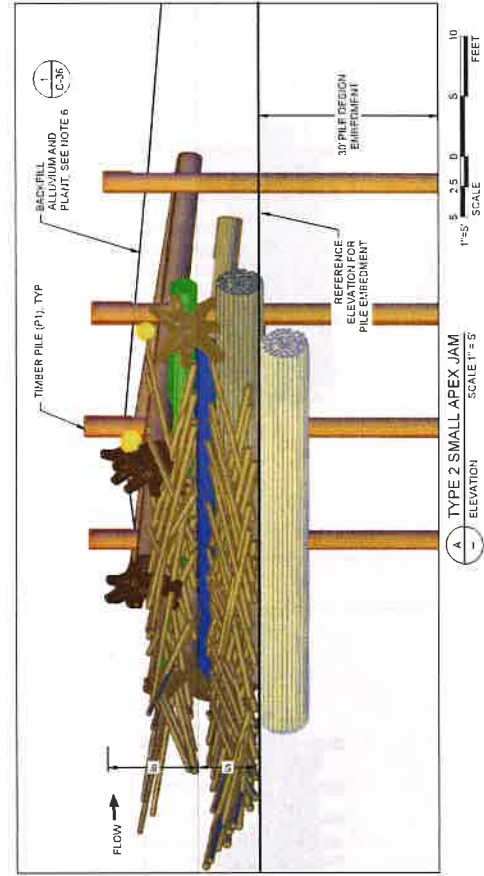
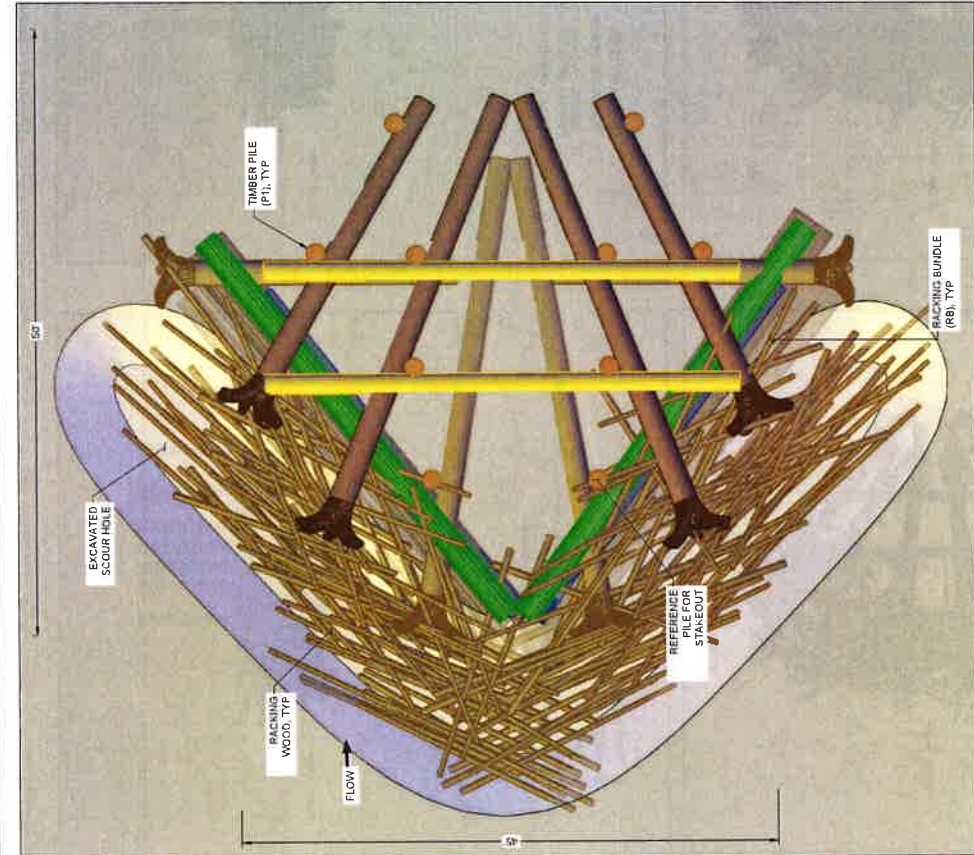


LAYER 3

1. PLACE RACKING LOGS IN FRONT OF STRUCTURE.
2. PLACE 8 KEY LOGS.
3. PLACE 3 LOG MEMBERS.
4. BACKFILL THE STRUCTURE WITH ALLUVIUM AND SLASH UNTIL MATERIAL CRESTS ABOVE THE CURRENT LAYER.
5. INSTALL 8 PIN CONNECTIONS WHERE SHOWN.



ELEVATIONS



1 TYPE 2 SMALL APEX JAM
PLAN VIEW
SCALE 1"=5'

1 TYPE 2 SMALL APEX JAM
ELEVATION
SCALE 1"=5'

| TYPE 2 SMALL APEX JAM - MATERIAL SCHEDULE | | | |
|---|--------------|-------------|------------------------|
| MATERIAL ID | DIMETER (IN) | LENGTH (FT) | QUANTITY PER STRUCTURE |
| KEY LOG (K1) | 16 - 24 | 30 - 50 | 6 |
| KEY LOG (K2) | 12 - 15 | 30 - 35 | 2 |
| LOG MEMBER | 12 - 18 | 30 - 50 | 5 |
| TIMBER PILE (P1) | 24 BUTT | 45 | 10 |
| PACKING BUNDLE | 48 | 30 - 40 | 6 |
| PACKING LOGS | 4 - 8 | 20 - 40 | 110 |
| WOODY SLASH | - | - | 40 CY |
| HARDWARE CONNECTION | - | - | 12 |

NOTES

1. SEE LAYERING PLANS FOR PILE CONNECTIONS TO TIMBER PILES.
2. LAYERING PLANS MAY NOT SHOW ALL REQUIRED TEMPORARY SUB-GRADE EXCAVATION.
3. SEE SECTION 6 OF THE SPECIAL PROVISIONS FOR PILE DRIVING REQUIREMENTS.
4. REFER TO SECTION 6-3 IN THE SPECIAL PROVISIONS FOR PILE INSTALLATION REQUIREMENTS, INCLUDING TARGET DEPTH, MINIMUM DEPTH, AND PILE CONTINGENCY AND INSTALLATION PLAN.
5. LOG LENGTHS ARE SPECIFIED TO PROVIDE EXTRA LENGTH FOR EMBEDEDMENT. THE CONTRACTOR IS EXPECTED TO TRIM LOGS AS NEEDED TO FIT.
6. BACKFILL STRUCTURES WITH LOCALLY EXCAVATED SEDIMENTS, WOODY SLASH AND STAKE WILLOWS.

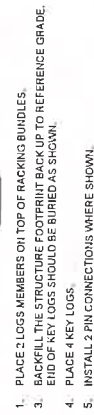


Stilleaguamish
Tribe

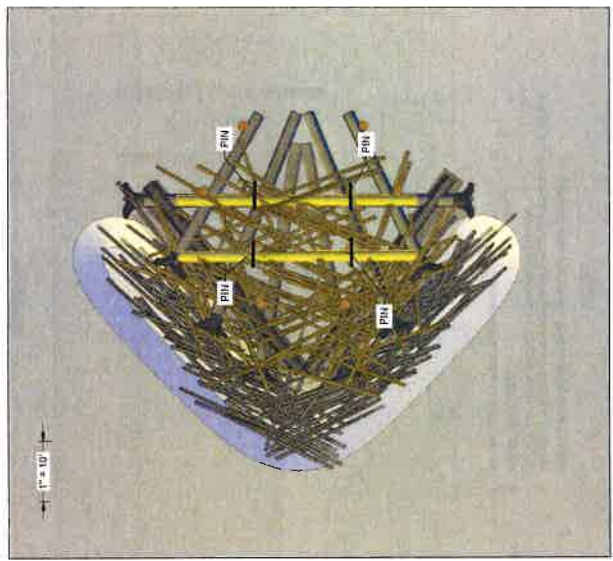
TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLEAGUAMISH RIVER
TRAFTON, WA

| REV | DATE | DESCRIPTION |
|-----------------|-----------|----------------|
| 1 | 2/2/25 | BID ADDENDUM 1 |
| DESIGNED | GW/DE | |
| DRAWN | GW/DE | |
| CHECKED | GW/DE | |
| IN CHARGE | SM | |
| PROJECT NUMBER | DC2100418 | |
| FORM DATE | 2-6-2025 | |
| FOOTED (S) BY | GW/DE | |
| FOOTED (S) DATE | 2/2/25 | |

100% CONSTRUCTION DOCUMENTATION
SHEET TITLE
TYPE 2 SMALL APEX ELJ DETAIL
C-26
SHEET 30 OF 42

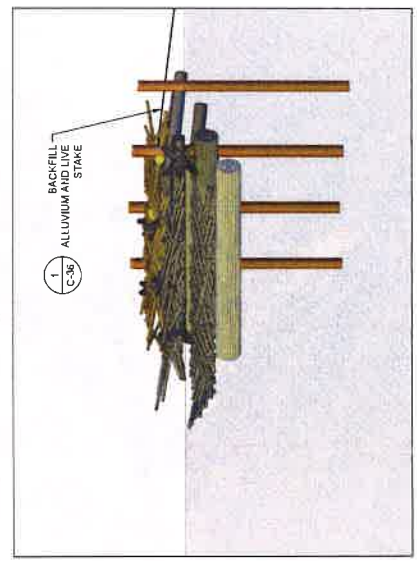


ELEVATIONS

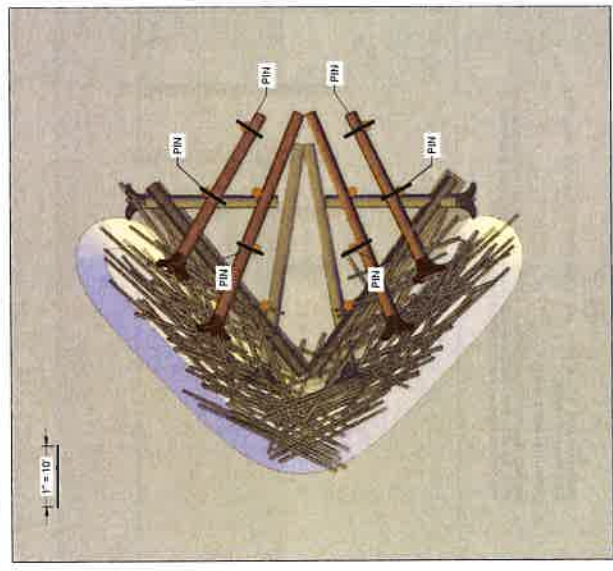


LAYER 4

1. INSTALL FINAL THIRD OF BACKING LOGS AND SLASH
2. INSTALL 2 LOGS. THESE LOGS MAY BE FIELD ADJUSTED TO DIFFERENT ELEVATIONS AS TO CREATE A SOLID (TOUCHING) CONNECTIONS BETWEEN 2 PILES
3. INSTALL 2 PINS PER LOG WHERE IN CONTACT WITH PILE LOGS (4 PINS TOTAL)
4. BACKFILL ALLUVIUM, SLASH, AND LIVE STAKE PER SHEET C-36.



ELEVATIONS

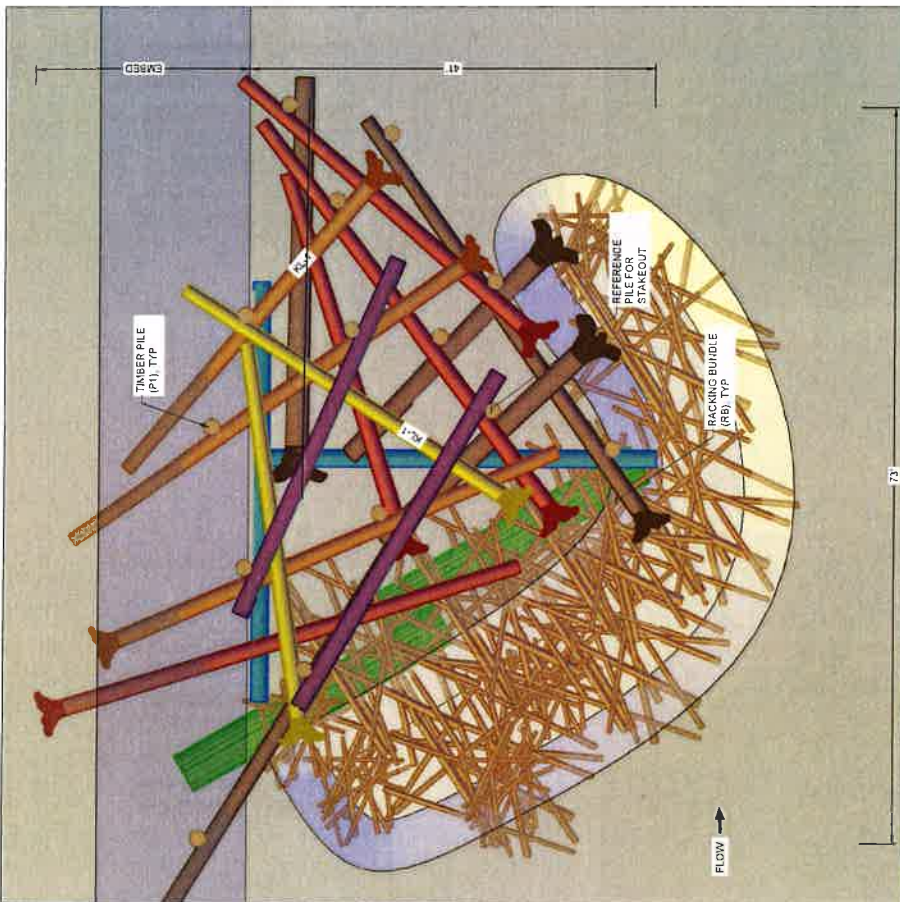
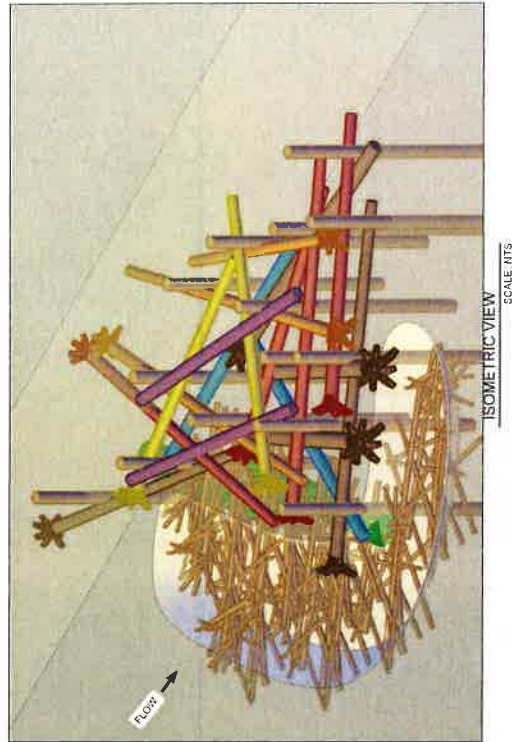
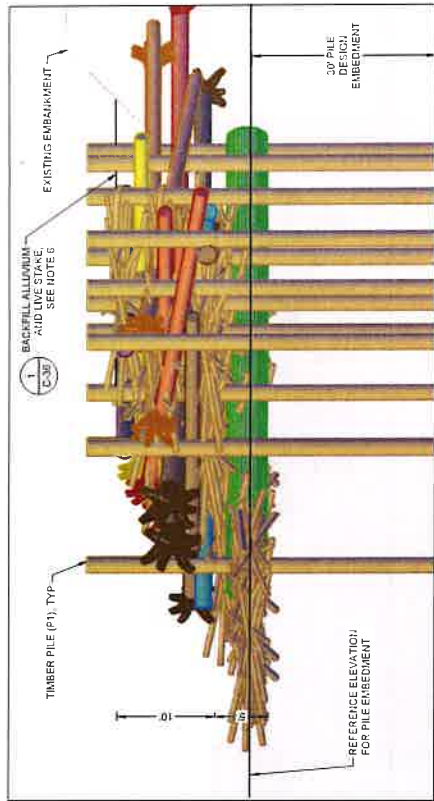


LAYER 3

1. INSTALL 4 KEY LOGS.
2. INSTALL 6 PIN CONNECTIONS WHERE SHOWN.



ELEVATIONS

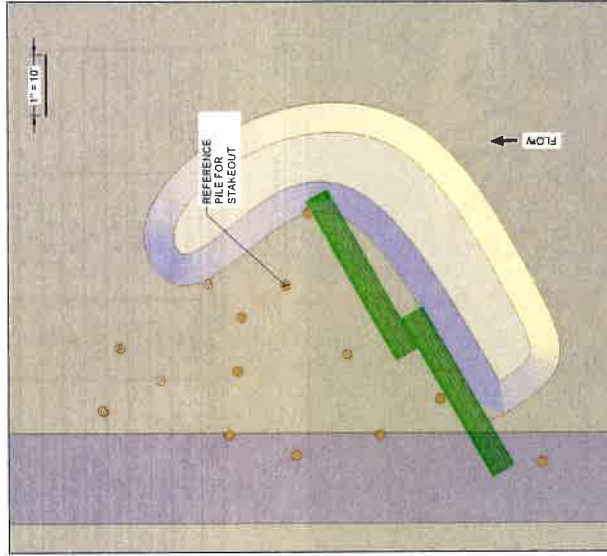


NOTES

- SEE LAYERING PLANS FOR PILE CONNECTIONS TO TIMBER PILES.
- LAYERING PLANS MAY NOT SHOW ALL REQUIRED TEMPORARY SUB-GRADE EXCAVATION REQUIRED TO EMBED WOOD.
- SEE SECTION 6 OF THE SPECIAL PROVISIONS FOR PILE DRIVING REQUIREMENTS.
- REFER TO SECTION 6.36 IN THE SPECIAL PREVIOUS FOR PILE INSTALLATION REQUIREMENTS, INCLUDING TARGET DEPTH, MINIMUM DEPTH AND PILE CONTINGENCY AND INSTALLATION PLAN.
- LOG LENGTHS ARE SPECIFIED TO PROVIDE EXTRA LENGTH AND FLEXIBILITY FOR PLACEMENT THE LOGS EXPECTED TO YIELD LOSSES AS NEEDED TO FIT.
- BACKFILL STRUCTURES WITH LOCALLY EXCAVATED SEDIMENTS, WOODY SLASH, AND STAKE WILLOWS.

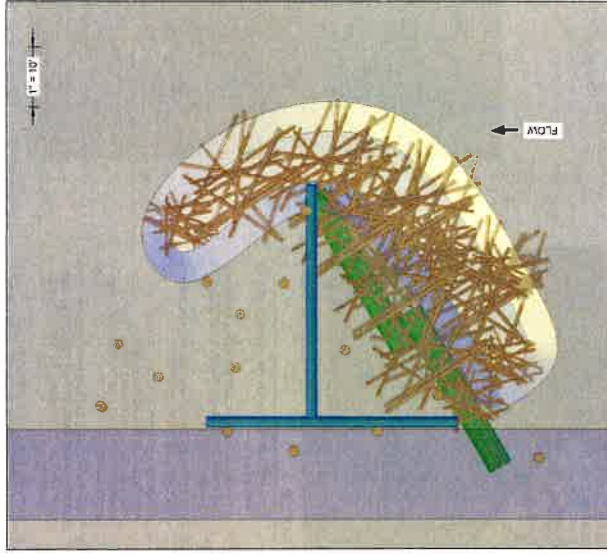
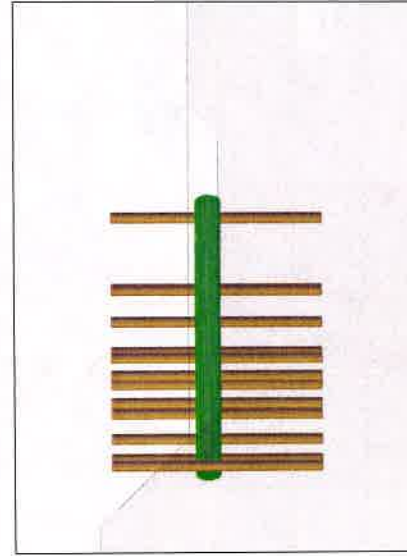
TYPE 3 LARGE DEFLECTOR - MATERIAL SCHEDULE

| MATERIAL ID | DIAMETER (IN) | LENGTH (FT) | QUANTITY PER STRUCTURE |
|---------------------|---------------|-------------|------------------------|
| KEY LOG (K1) | 18 - 24 | 30 - 50 | 14 |
| KEY LOG (K2) | 12 - 15 | 30 - 50 | 8 |
| LOG MEMBER | 12 - 18 | 30 - 50 | 4 |
| TIMBER PILE (P1) | 24" BUTT | 45 | 14 |
| RACKING BUNDLE | 48 | 30 - 40 | 2 |
| RACKING LOGS | 4 - 6 | 20 - 40 | 150 |
| WOODY SLASH | - | - | 75 CY |
| HARDWARE CONNECTION | - | - | 16 |



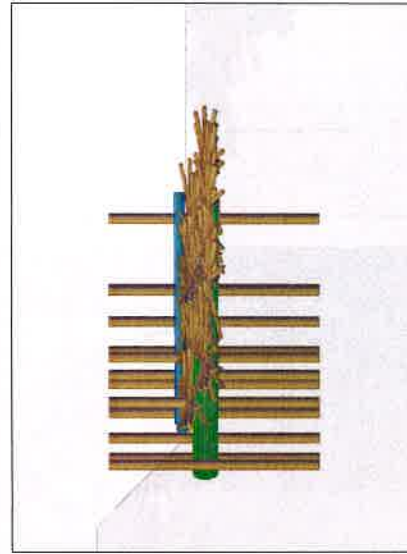
LAYER 0

1. OVER-EXCAVATE SCOUR POOL AND STRUCTURE FOUNDATION, STOCKPILE MATERIAL FOR RE-USE.
2. INSTALL 14 TIMBER PILES.
3. INSTALL 2 BACKING RINDIES, 3 OVER-EXCAVATION BRACE AGAINST PILES.

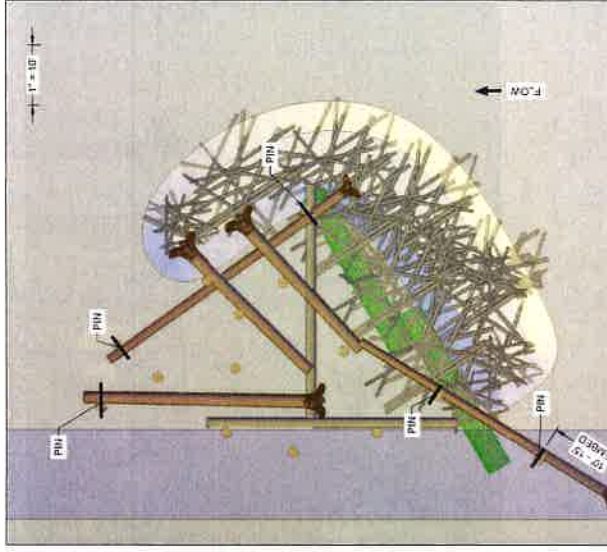


LAYER 1

1. PLACE 2 LOGS PERPENDICULAR TO EACH OTHER.
2. INSTALL ONE-THIRD RACKING RACKING LOGS AND SLASH WHILE BEGINNING TO FILL EXCAVATION WITH STOCKPILED COBBLES.

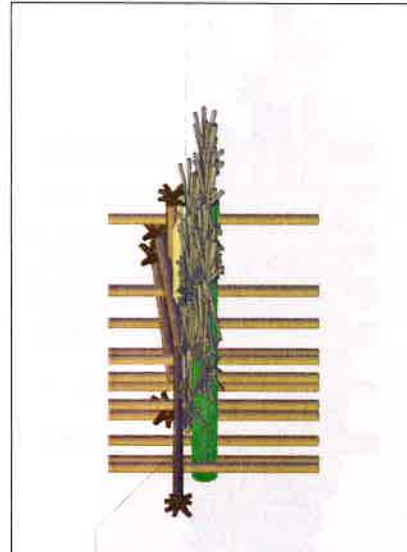


ELEVATIONS



LAYER 2

1. PLACE 4 KEY LOGS. SMALLER KEY LOGS WILL OVERLAP LARGER ROOTWAD.
2. PLACE 1 KEY WITH ROOTWAD EMBEDDED IN BANK AND BANKFILL.
3. INSTALLS PIN CONNECTIONS WHERE SHOWN!



APPENDIX B
Revegetation Plan for Snohomish County Parks Property

APPENDIX B

Revegetation Plan for Snohomish County Parks Property

Project: Trafton Reach Floodplain Restoration N.F. Stillaguamish River

Prepared by: Jason Anderson, Riparian Ecologist, Stillaguamish Tribe Natural Resources Department
March 31, 2025

This document is intended to provide information about native plant revegetation associated with the Trafton Reach Floodplain Restoration N.F. Stillaguamish River construction project. Information contained within focuses on the Snohomish County Parks portion of the project area (Map 1). For reference, Sheet No. L-01 depicts the entire project area (Map 2).

Approach

Based on the size of the overall construction project (~230 acres), the Stillaguamish Tribe Natural Resources Department (NRD) and consultant Environmental Science Associates (ESA) propose to revegetate large portions of the area using native seed mixes. This approach is based on the assumption that native trees and shrubs (primarily cottonwood, alder, salmonberry, and willow) will recruit to exposed soils. We also assume that non-native, invasive plants will also establish in these areas of disturbance. By proactively seeding, we aim to jumpstart establishment of native plants. Follow-on monitoring will inform invasive plant/noxious weed control as well as supplemental native plant installation. The near-term goal (1-5 years) is to establish a native plant dominated vegetation community on areas disturbed during construction activities. Objectives include:

- Seeding with an erosion control seed mix
- Seeding with a woody-stem seed mix
- Controlling non-native, invasive plants
- Evaluating native plant establishment (density and diversity)

The NRD and ESA have identified seven (7) riparian restoration polygons on County Parks property (Map 1). Please note polygons 24 and 41 appear on the map but have been combined with polygon 34 for planning and planting purposes. Polygons 21, 29, 30, 43, 34, and 23 (Table 1) will be revegetated with erosion control (Table 2) and woody-stem seed mixes (Table 3) following construction while polygon 27 will be revegetated with erosion control and woody-stem seed mixes followed by native plant materials (Table 4), likely a combination of bare-root and containerized stock.

The erosion control seed mix consists primarily of a mix of six native grasses along with minor components of riverbank lupine and Douglas aster. The construction contractor will be responsible for applying this seed mix once construction activities are complete in fall 2025 and 2026. The method of application will be broadcasting (scattering by machine or hand). This mix is consistent throughout the entire project area.

The woody-stem seed mix consists of native woody-stem plants commonly associated with early seral riparian or floodplain vegetation communities. The composition and rates vary slightly by planting zone; for example, riparian deciduous and riparian mixed forest contain the same composition and rate. However, the mix for upland mixed forest and wet meadow-shrub mosaic differ from each other and from the riparian deciduous/riparian mixed forest. The NRD will be responsible for applying these seed mixes during winter 2025/26 and 2026/27 and method of application will be broadcasting.

Timing

Revegetation will follow construction activities. Based on the construction schedule, we anticipate that erosion control mix will be seeded on the County Parks property during fall 2025. In early 2026, the woody-stem mix will be seeded. However, if construction activities continue into 2026, the woody-stem mix will be seeded in early 2027. Installation of native plant materials will occur within polygon 27 during early 2026 and 2027. Monitoring of native vegetation establishment and invasive species presence will occur throughout the year, following the completion of construction, and will guide supplemental planting plans and invasive species control efforts. Please refer to the schedule for riparian restoration, which is presented in Figure 1.

Table 1. Proposed riparian restoration polygons, associated acreage, planting zone descriptions, and plant/seed densities. Refer to Map 1 for Polygon_FID locations.

| Polygon_FID | Layer | Area_ac | Planting | Ownership | Est_LBS / ACRE | Est_LBS_Seed |
|-------------|------------------------|---------|----------|-----------|----------------|--------------|
| 23 | L-HTCH-RIP-DECID-FORST | 5.61 | Riparian | County | 3.35 | 18.8 |
| 21 | L-HTCH-RIP-MIX-FORST | 0.53 | Riparian | County | 3.35 | 1.8 |
| 29 | L-HTCH-RIP-MIX-FORST | 6.16 | Riparian | County | 3.35 | 20.6 |
| 30 | L-HTCH-RIP-MIX-FORST | 1.87 | Riparian | County | 3.35 | 6.3 |
| 43 | L-HTCH-RIP-MIX-FORST | 7.03 | Riparian | County | 3.35 | 23.6 |
| 34 | L-HTCH-WET-MDW-SHRB | 7.48 | Wet Mea | County | 1.75 | 13.1 |
| 27 | L-HTCH-UPL-MIX-FORST | 10.47 | Upland M | County | 2.85 | 29.8 |
| | | | | | Est_PPA | Est_Plants |
| 27 | L-HTCH-UPL-MIX-FORST | 10.47 | Upland M | County | 435 | 4553 |

Table 2. Erosion control seed mix including botanical name, composition & application rate.

EROSION CONTROL

| Botanical Name | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) |
|-----------------------------------|-----------------------------------|-----------------------------------|
| <i>Agrostis exarata</i> | 0.005 | 0.21 |
| <i>Bromus carinatus</i> | 0.113 | 4.93 |
| <i>Deschampsia cespitosa</i> | 0.006 | 0.27 |
| <i>Deschampsia elongata</i> | 0.134 | 5.85 |
| <i>Elymus glaucus</i> | 0.353 | 15.37 |
| <i>Hordeum brachyantherum</i> | 0.084 | 3.64 |
| <i>Lupinus rivularis</i> | 0.010 | 0.43 |
| <i>Symphyotrichum subspicatum</i> | 0.011 | 0.50 |
| TOTAL | 0.716 | 31.20 |

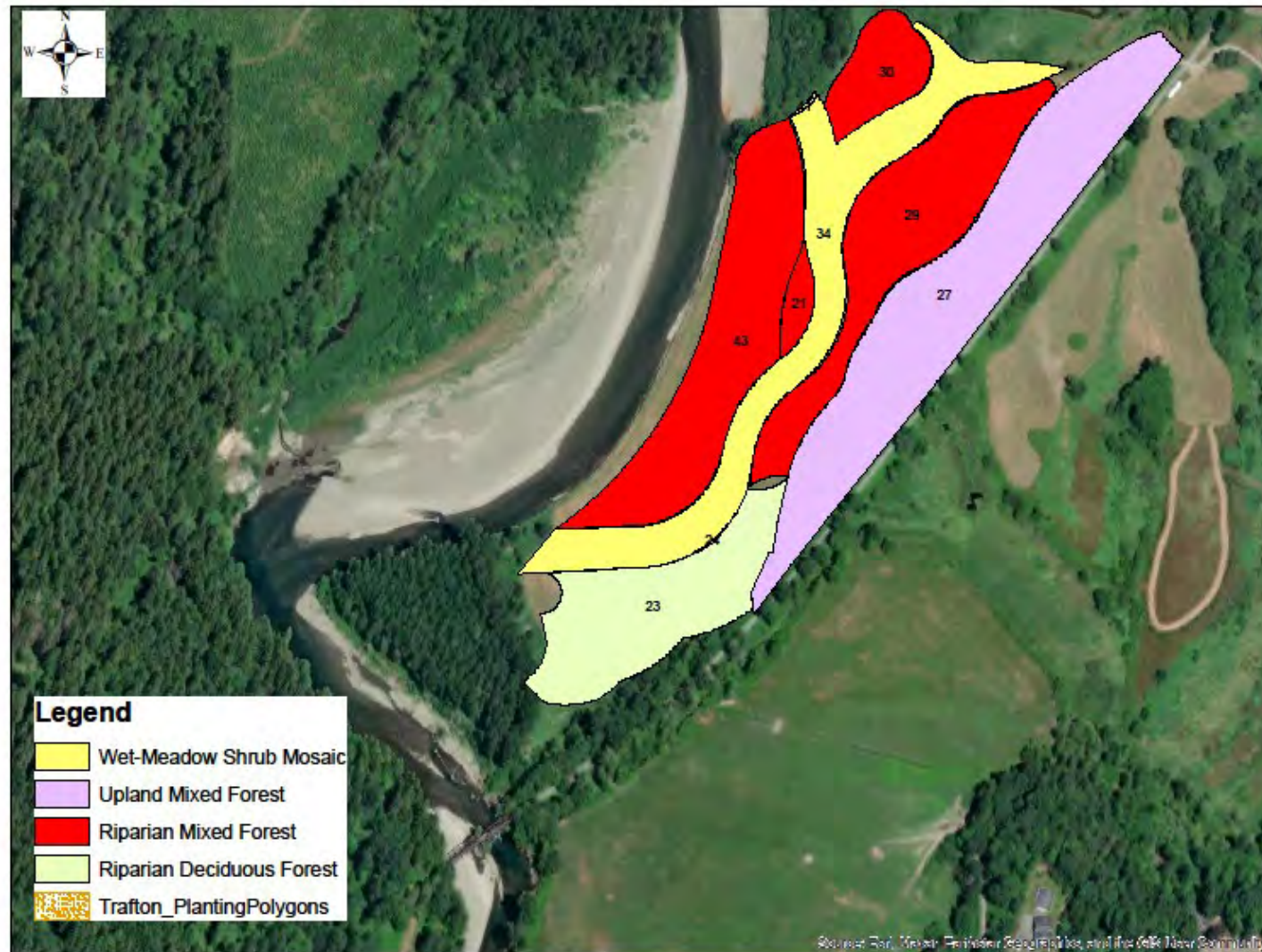
Table 3. Native woody-stem plant seed mixes including botanical name, composition & application rate.

| | RIPARIAN DECIDUOUS / RIPARIAN MIXED FOREST | | UPLAND MIXED FOREST | | WET MEADOW/ SHRUB MOSAIC | |
|------------------------------|---|-----------------------------------|-----------------------------------|--------------------------------|-------------------------------------|--------------------------------|
| Botanical Name | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) |
| <i>Alnus rubra</i> | 0.007 | 0.30 | 0.002 | 0.1 | 0.000 | 0 |
| <i>Cornus sericea</i> | 0.007 | 0.30 | 0.000 | 0 | 0.011 | 0.5 |
| <i>Mahonia aquifolium</i> | 0.005 | 0.20 | 0.005 | 0.2 | 0.000 | 0 |
| <i>Oemleria cerasiformis</i> | 0.018 | 0.80 | 0.018 | 0.8 | 0.000 | 0 |
| <i>Rosa nutkana</i> | 0.017 | 0.75 | 0.017 | 0.75 | 0.011 | 0.5 |
| <i>Rubus spectabilis</i> | 0.011 | 0.50 | 0.011 | 0.5 | 0.011 | 0.5 |
| <i>Symphoricarpos albus</i> | 0.011 | 0.50 | 0.011 | 0.5 | 0.006 | 0.25 |
| TOTAL | 0.08 | 3.35 | 0.065 | 2.85 | 0.040 | 1.75 |

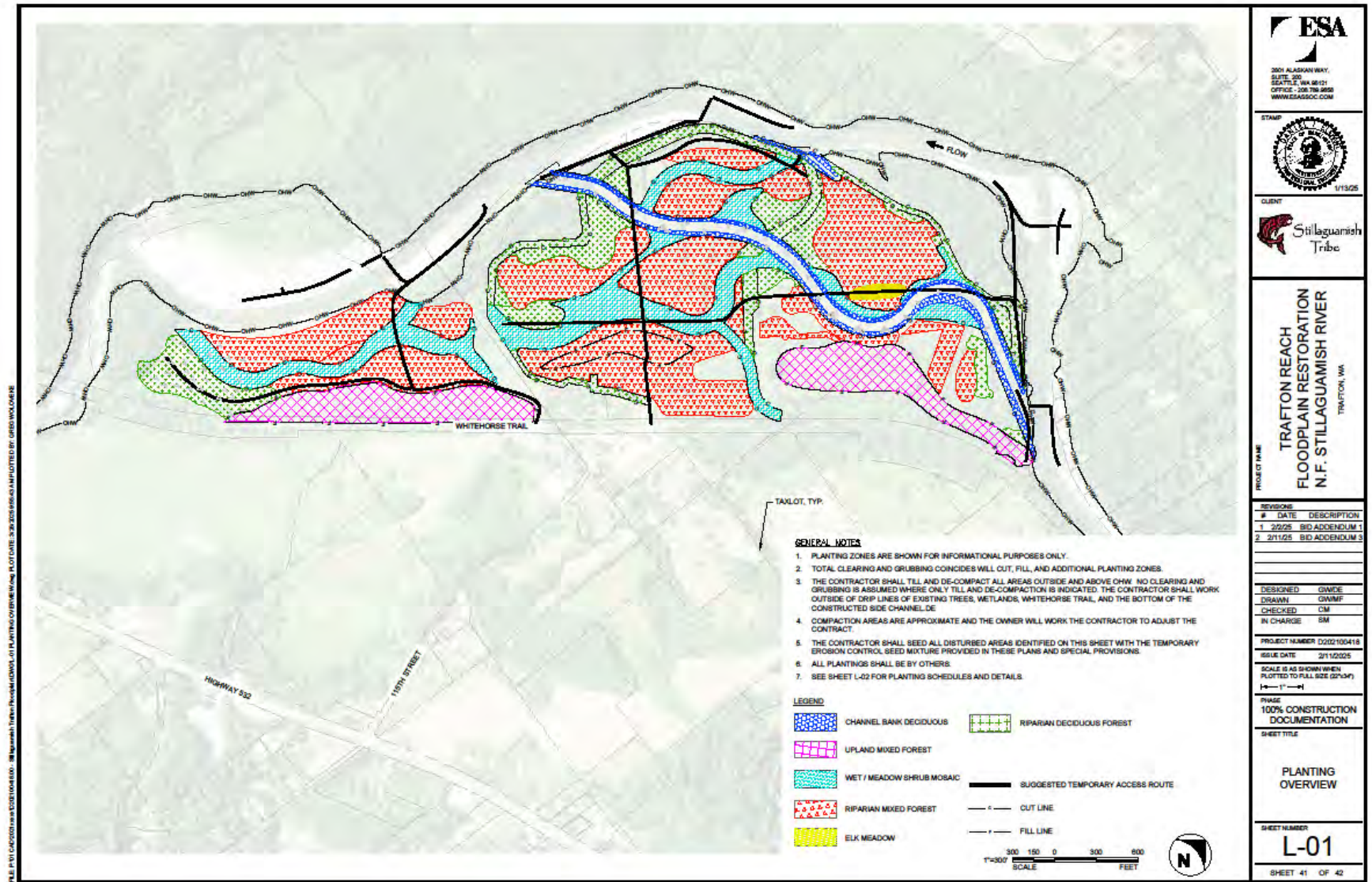
Table 4. Plant schedule for Upland Mixed Forest Polygon FID 27.

| Botanical Name | Common Name | % of Mix | Spacing (FOC) | FID 27 Est_QTY |
|------------------------------|-----------------------|----------|---------------|----------------|
| <i>Abies grandis</i> | grand fir | 10% | 20 | 114 |
| <i>Acer macrophyllum</i> | bigleaf maple | 20% | 20 | 228 |
| <i>Alnus rubra</i> | red alder | 10% | 20 | 116 |
| <i>Frangula purshiana</i> | casara | 10% | 20 | 116 |
| <i>Prunus emarginata</i> | bitter cherry | 5% | 20 | 56 |
| <i>Pseudotsuga menziesii</i> | Douglas fir | 30% | 20 | 341 |
| <i>Tsuga heterophylla</i> | western hemlock | 15% | 20 | 177 |
| <i>Amelanchier alnifolia</i> | serviceberry | 10% | 10 | 339 |
| <i>Vaccinium ovatum</i> | evergreen huckleberry | 5% | 10 | 172 |
| <i>Polystichum munitum</i> | western sword fern | 5% | 10 | 172 |
| <i>Mahonia nervosa</i> | low Oregon grape | 15% | 10 | 511 |
| <i>Mahonia aquifolium</i> | tall Oregon grape | 5% | 10 | 172 |
| <i>Acer circinatum</i> | vine maple | 10% | 10 | 339 |
| <i>Sambucus racemosa</i> | red elderberry | 5% | 10 | 172 |
| <i>Oemleria cerasiformis</i> | osoberry | 10% | 10 | 339 |
| <i>Ribes sanguineum</i> | red flowering currant | 10% | 10 | 339 |
| <i>Corylus cornuta</i> | beaked hazelnut | 10% | 10 | 339 |
| <i>Rubus parviflorus</i> | thimbleberry | 10% | 10 | 339 |
| <i>Symphocarpos albus</i> | snowberry | 5% | 10 | 172 |

Map 1. Trafton Reach Floodplain Restoration N.F. Stillaguamish River Snohomish County Parks Property Polygons.



Map 2. Trafton Reach Floodplain Restoration N.F. Stillaguamish River Planting Overview.



APPENDIX C
List of Project Permits

APPENDIX C

List of Project Permits

The Owner shall be responsible for obtaining the following permits and/or licenses:

- Hydraulic Project Approval (HPA) – WDFW
- Aquatic Use Authorization – WA Department of Natural Resources
- Section 401 Water Quality – WA Department of Ecology
- Construction Stormwater General Permit- WA Department of Ecology
- ESA compliance/Section 404 – USACE
- Flood Hazard Permit – Snohomish County
- Shoreline Exemption – Snohomish County
- Local Permits as applicable

APPENDIX D
Form of Temporary Construction Easement

APPENDIX D
Form of Temporary Construction Easement

Snohomish County Property Management
3000 Rockefeller Avenue M/S 404
Everett, WA 98201



Snohomish County
Department of Conservation and Natural Resources
Parks & Recreation Division

TEMPORARY CONSTRUCTION EASEMENT

This Temporary Construction Easement (“Easement”) is entered into this ____ day of _____, 2025, by and between **Snohomish County, a political subdivision of the State of Washington** (“GRANTOR”), **Stillaguamish Tribe of Indians, a federally recognized Tribe**, (“GRANTEE”).

WHEREAS, Grantor is the owner of real property situated in the County of Snohomish, State of Washington, described as follows (hereinafter “Property”) and more specifically described as follows:

Portion of Tax Parcel Number: 32063000100100

Legal Description: PTN GOVT LOT 7 SEC 30 TWP32 NORTH, RANGE 6 EAST WM LYING NORTH AND WEST OF RAILROAD TGV GOVT LOT 6 SEC 30 TWP 32 NORTH RGE 6 EAST TQW PTN OF NORTHEAST AND SOUTHWEST QUARTER OF SEC 30 TWP 32 RGE 6 EAST .

Situate in the County of Snohomish, State of Washington.

WHEREAS, the Grantee is desirous of acquiring certain privileges across, over, and upon that portion of an approximate thirty-eight (38) acres of the Property as shown on Exhibit A attached hereto (the “Premises”) as temporary access for floodplain restoration.

NOW, THEREFORE, the Parties agree as follows:

1. Right to Enter Premises and Perform Work. Grantor hereby grants to Grantee, its agents, contractors, successors and assigns, a temporary, nonexclusive easement over and upon the Premises as shown on Exhibit A attached hereto for the exclusive purpose of performing the following work including rights of ingress and egress over and across the Property as depicted on Exhibit A (the “Permitted Uses”) consistent with the Trafton Floodplain Restoration site plans [attached hereto as Exhibit C]:

Floodplain excavation to include clearing, grubbing, filling, trail improvements, culvert removals of the Premises using heavy equipment, planting, temporary erosion seeding and installing log jams. Equipment

to be used for the work authorized herein includes a bucket truck, dump truck, backhoe and a digger truck and auger.

Grantee may construct temporary bridge(s) as depicted in Exhibit C sheet C-19 and may further use the Premises as a staging area for the wood to be used in the engineered log jams as depicted in Exhibit E Staging Area. Grantee shall use traffic control measures for managing pedestrian traffic during construction activity as described in Section 2 Pedestrian Traffic Control. The Grantee will perform all construction work on the Grantor Premises during standard County working hours of 7:00 AM and 7:00PM, Monday through Friday, excluding County holidays. Project work may only occur outside of approved work hours only by written authorization of the Grantor. Grantee will timely notify and coordinate with the County on any "Substantial Changes" to the construction design elements located on the Grantor Premises and receive written approval from the Grantor prior to implementation. "Substantial Changes" is defined to consist of alterations that would modify the function of the Grantor Premises or require a contractor change order for approval.

Grantee may use the Premises for the Permitted Uses and for no other use or purpose without the Grantor's written consent, which may be granted or withheld in the Grantor's sole discretion. Grantor shall be responsible for all costs and expenses of construction. All work associated with the construction shall be performed in accordance with the standards of practice for the jurisdiction in which the work is to be performed.

2. Pedestrian Traffic Control. The Premises include areas of public access to the floodplain and Stillaguamish River. Ingress and egress to the Premises requires use of portions of the County's Whitehorse Trail, a public trail. During the term of this Easement, Grantee shall be responsible, at its sole cost and expense, for conducting traffic control as described in Exhibit D attached hereto, on the Premises and the Whitehorse Trail to manage pedestrian traffic both on the Premises and on Whitehorse Trail. Grantee shall provide traffic control subject to any permit requirements and local regulations. Grantee shall ensure that its operations and traffic control services do not obstruct or inconvenience the public any more than necessary to complete the Permitted Uses.

3. Term. The term of this Easement will commence upon full execution by the GRANTOR and GRANTEE ("Commencement Date") and will terminate November 30, 2025. The work described in the Trafton Floodplain Restoration site plans referenced in Section 1 above will be completed on or before November 30, 2025.

GRANTEE shall complete the work authorized by this Easement by November 30, 2025. GRANTEE shall work with diligence, speed, and due regard for the rights, interest, and convenience of the public and the GRANTOR. If, at the end of November 30, 2025, GRANTEE has not completed the work authorized by this Easement, then the rights conferred on GRANTEE will terminate, unless an extension of time is approved as provided herein.

4. Consideration. The GRANTEE shall pay a one-time use fee in the amount of \$500.00 to for the rights granted in this Easement. Grantor hereby shall apply a \$500.00 credit in lieu of payment from Grantee, for Grantee's work under this Easement to improve Grantor's trail(s) and the related floodplain restoration work.

5. Notice to County. GRANTEE shall contact Tom Teigan, Director of Snohomish County Department of Conservation and Natural Resources, Parks and Recreation Division, located at 6705 Puget Park Drive Snohomish, WA 98296, by phoning 425-388-6600, at least 24 hours prior to entering upon the Property for the first time and to notify the GRANTOR that the work has commenced on the Premises.

6. Permitting Requirements. GRANTEE shall acquire all necessary permits required to perform the work under this Easement. GRANTOR does not warrant that any permit or license is necessary or not necessary.

7. Compliance with Easement Terms and Conditions. GRANTEE agrees to comply with all terms and conditions of this Easement. GRANTEE shall respect and protect all property, contracts, persons, and attendant rights that might be affected by the work authorized herein.

8. Indemnification and Hold Harmless GRANTEE agrees:

(a) As consideration for the rights granted hereunder, the GRANTEE agrees to indemnify, defend and hold harmless the Grantor from any and all claims for injuries or damages (including reasonable attorneys' fees) that may in any manner directly or indirectly arise out of the construction, repairs, maintenance, appurtenances constructed or placed on the premises by GRANTEE or patrolling of the Property pursuant to this Easement or out of the operations of the GRANTEE pursuant to this Easement; provided, that the GRANTEE shall not be responsible to the Grantor for any injuries or damages suffered by any person or property caused by sole negligent acts or omissions of the Grantor, its officers, employees and/or agents.

(b) Solely and expressly for purposes of its duties to indemnify and hold harmless the Grantor as set forth above, the GRANTEE specifically waives any immunity, as respects the Grantor only, it might have under the state industrial insurance law, RCW Title 51, in the event that a claim is made against the Grantor for an injury to any employee of the GRANTEE. THE GRANTEE ACKNOWLEDGES THAT THIS WAIVER HAS BEEN MUTUALLY NEGOTIATED BY THE PARTIES.

(c) The provisions of this Section shall survive the expiration or termination of this Easement with respect to any event occurring prior to such expiration or termination.

(d) Nothing contained in this section or Easement shall be construed to create a liability or a right of indemnification by any third party.

9. Insurance. In satisfaction of the insurance requirements set forth in this Section 8, GRANTEE may self-insure against such risks in such amounts as are consistent with good utility practice. GRANTEE shall provide the GRANTOR with reasonable written evidence that GRANTEE is maintaining such self-insurance. Absent self-insurance, this Easement is subject to the following requirements:

(a) Insurance Required. GRANTEE shall procure, and maintain for the duration of this Easement, insurance against claims for injuries to persons or damages to property which may arise from, or in connection with, the performance of work hereunder by the GRANTEE, its agents, representatives, employees and/or contractors/subcontractors. The GRANTEE or contractor/subcontractor shall pay the costs of such insurance. The GRANTEE shall require each of its contractor/subcontractors to furnish to the GRANTEE separate certificates of insurance and policy endorsements as evidence of compliance with the insurance requirements of this Easement.

The GRANTEE is responsible for ensuring compliance with all of the insurance requirements stated herein either by purchasing such insurance or by self-insuring. Failure by the GRANTEE, its agents, employees, officers, contractor/subcontractors to comply with the insurance requirements stated herein shall constitute a material breach of this Easement.

Where applicable, each insurance policy shall be written on an “occurrence” form; except that insurance on a “claims made” form may be acceptable with prior GRANTOR approval. If coverage is approved and purchased on a “claims made” basis, the GRANTEE warrants continuation of coverage, either through policy renewals or the purchase of an extended discovery period, if such extended coverage is available, for not less than three years from the date of Easement termination, and/or conversion from a “claims made” form to an “occurrence” coverage form.

Nothing contained within these insurance requirements shall be deemed to limit the scope, application and/or limits of the coverage afforded by said policies or self-insurance, which coverage will apply to each insured to the full extent provided by the terms and conditions of the policy(s), where applicable. Nothing contained in this provision shall affect and/or alter the application of any other provision contained within this Easement.

(b) **Risk Assessment by GRANTEE.** By requiring such minimum insurance, the GRANTOR shall not be deemed or construed to have assessed the risks that may be applicable to the GRANTEE under this Easement, nor shall such minimum limits be construed to limit the limits available under any insurance coverage obtained by the GRANTEE. The GRANTEE shall assess its own risks and, if it deems appropriate and/or prudent, maintain greater limits and/or broader coverage.

(c) **Minimum Scope and limits of Insurance.** Coverage shall be at least as broad as and with limits not less than the following:

1. (i) **Commercial General Liability Insurance** on a coverage form at least as broad as CG 00 01 current edition, including coverage for Premises and Operations; Products and Completed Operations; Broad Form Property Damage (including Completed Operations); Explosion, Collapse, Underground Hazards (including subsidence); Contractual Liability insurance obligations assumed in this agreement; Personal Injury and Advertising Liability, Severability of Interest Clause, Waiver of Subrogation endorsement in favor of County as required by contract.

Minimum Limits of Liability shall be:

\$ 5,000,000 Each Occurrence; OR the full per occurrence limit of the Contractor’s policy, whichever is greater; and Personal Injury Liability;
\$ 5,000,000 General Aggregate limit; and Products & Completed Operations Aggregate;
Stop Gap shall be included (unless insured as Employers Liability under Part B. of a Workers Compensation Insurance Policy).

(ii) **Automobile Liability.** Insurance Services Office form number (CA 00 01) BUSINESS AUTO COVERAGE (or self-insurance) symbol 1 for “any auto”; or the appropriate coverage provided by symbols 2, 7, 8, or 9 of \$5,000,000 combined single limit per accident for bodily injury and property damage if the use of motor vehicles is contemplated.

(iii) **Workers’ Compensation.** Workers’ Compensation coverage (or self-insurance/Excess Workers Compensation), as required by the Industrial Insurance Act of the State of Washington

Umbrella/Excess Liability insurance is acceptable to meet the above defined CGL and Auto requirements

(d) **Other Insurance Provisions.** The insurance policies required in this Easement are to contain, or be endorsed to contain, the following provisions:

(i) All Liability Policies except Workers Compensation.

1. (1)

2. Snohomish County and its officers, elected officials, employees, and agents are to be covered as additional insureds as respects liability arising out of activities performed by or on behalf of the GRANTEE in connection with this Easement, including Products and Completed Operations. Such coverage shall be primary and non-contributory insurance as respects Snohomish County and its officers, elected officials, employees, and agents. Additional Insured Endorsements shall be included with the Certificate of Liability Insurance, "CG 20 10" and "CG 20 37", or their equivalent are required.

(2) To the extent of the GRANTEE's/contractor's negligence, the GRANTEE's/contractor's insurance coverage shall be primary insurance with respect to the County, its officers, officials, employees, and agents. Any insurance and/or self-insurance maintained by the County, its officers, officials, employees, or agents shall not contribute with the GRANTEE's insurance or benefit the GRANTEE in any way.

(3) The GRANTEE's insurance shall apply separately to each insured against whom claim is made and/or lawsuit is brought, except with respect to the limits of the insurer's liability.

(ii) All Policies. Coverage shall not be suspended, voided, canceled, reduced in coverage or in limits, except by the reduction of the applicable aggregate limit by claims paid, until after 30 days prior written notice has been given to the GRANTOR. In the event of said cancellation or intent not to renew, the GRANTEE shall obtain and furnish to the GRANTOR evidence of replacement insurance policies meeting the requirements of this Section by the cancellation date. Failure to provide proof of insurance could result in suspension of the Easement.

(e) Acceptability of Insurers. Unless otherwise approved by the GRANTOR, insurance is to be placed with insurers with a Bests' rating of no less than A VII, or, if not rated with Bests, with minimum surpluses the equivalent of Bests' surplus size VIII. Any exception must be approved by the GRANTOR. If, at any time, the foregoing policies shall fail to meet the above requirements, the GRANTEE shall, upon notice to that effect from the GRANTOR, promptly obtain a new policy, and shall submit the same to the GRANTOR, with appropriate certificates and endorsements, for approval.

(f) Verification of Coverage. The GRANTEE shall furnish the GRANTOR with a certificate of insurance and Additional Insured Endorsements outlining the coverages required by this Easement

(g) Subcontractors. The GRANTEE shall include all subcontractors as insured under its policies or shall require separate certificates of insurance and policy endorsements from each subcontractor. If the GRANTEE is relying on the insurance coverage provided by subcontractors as evidence of compliance with the insurance requirements of this Easement, then such requirements and documentation shall be subject to all of the requirements stated herein.

10. No Interest in Property. GRANTEE agrees that GRANTEE does not and shall not at any time claim any interest or estate of any kind or extent whatsoever in the Property by virtue of this Easement or the work authorized by this Easement.

11. No Interference or Obstruction. GRANTEE agrees that it will not interfere or obstruct the GRANTOR'S use of the Property during the term of this Easement.

12. Nonexclusive Nature of Rights and Privileges. The rights and privileges granted under this Easement to GRANTEE are nonexclusive. This Easement does not prohibit GRANTOR from granting other Easements or rights of like nature to other public or private entities, nor shall it prevent GRANTOR from using any of its roads, streets, and real property for any and all public use or affect its jurisdiction over any part of them.

13. GRANTOR Revocation of Easement. This Easement may be revoked by GRANTOR, including by verbal notice effective immediately by contacting Jim Whitehead at 425-783-4498 at any time that GRANTOR determines that public health, public safety, the general welfare, or the interest of GRANTOR requires revocation. GRANTOR may revoke this Easement if GRANTEE violates any term or condition of this Permit by written notice in the mail to the following address:

STILLAGUAMISH TRIBE OF INDIANS
3322 236TH ST NE
ARLINGTON, WA 98223

ATTENTION: JASON GRIFFITH – ENVIRONMENTAL PROGRAM MANAGER

14. GRANTEE Termination of Easement. The GRANTEE may terminate the Easement by written notice to the Grantor at this address:

SNOHOMISH COUNTY PROPERTY MANAGEMENT
3000 ROCKEFELLER AVENUE M/S 404
EVERETT, WA. 98201
ATTN: PROPERTY OFFICER

15. Erosion, Hazardous Waste, and Hazardous Materials. GRANTEE shall take all necessary measures and follow all applicable laws to prevent erosion and spills of any hazardous materials and noxious waste substances onto the Premises and to keep the Premises free from any debris and waste.

To the best of the GRANTOR's knowledge, the Premises is not in violation of any law, ordinance, rule or regulation relating to the environmental conditions thereon. Moreover, to the best of the GRANTOR's knowledge, there is no hazardous waste or other substance, including but not limited to those that would be a hazardous waste, material or substance, toxic substance, gas or pollutant, as defined under the federal Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, 42 U.S.C. Section 9601 et. seq., the Washington Model Toxics Control Act, RCW Ch. 70.105D, RCW Ch. 70.95, and the regulations promulgated thereunder or under any applicable local or state environmental ordinance, statute, law, rule or regulation ("Hazardous Substances"), on or about the Premises or on any parcels of land which abut the Premises. Further, to the best of the GRANTOR's knowledge: (i) there has been no release, spill, leak, discharge, emission, leak or disposal, (ii) there are no substances or conditions, in or on the Premises or any other parcels of land which may affect the Premises or use thereof that may support a claim or cause of action under any federal, state or local environmental statute, regulation, ordinance or other environmental regulatory requirements and (iii) there is no asbestos, PCBs or underground storage tanks located on the Premises or which have been removed therefrom.

The GRANTEE agrees to indemnify, hold harmless and defend the County, its appointed officials, officers, employees, agents and representatives, from and against any and all claims, actions, suits, liability, loss, cost, expenses and damages of any nature whatsoever, including costs and attorneys' fees, which are caused by or arise out of (i) the existence of Hazardous Substances on the Premises or the migration of Hazardous Substances originally released or deposited on the Premises onto other parcels of land; (ii) the

GRANTEE's failure or insufficient compliance with any federal, state or local laws applicable to Hazardous Substances; or (iii) any claim, in law or equity, brought by any third party or the GRANTEE's own officials, officers, employees, agents or representatives alleging any cause of action relating to the existence of Hazardous Substances on the Premises or any migration of Hazardous Substances originally released or deposited on the Premises onto other parcels of land, and, with respect to (i), (ii) and (iii), that existed, or in the case of migration commenced due to a condition that existed, as of or prior to the commencement of this Easement.

16. Restoration and Repair.

(a) In the event that any damage of any kind is caused by GRANTEE in the course of performing work authorized by this Easement, GRANTEE will repair the damage at its sole cost and expense on or before November 30, 2025 or earlier termination of this Easement. If the Property is not restored at the expiration or termination of this Easement, GRANTOR may complete the work and upon demand GRANTEE shall pay to the GRANTOR all reasonable and appropriate costs of such work, including materials and other expenses. GRANTEE agrees not to disturb any pre-existing critical areas on the Property except as authorized under applicable County and State law, including but not limited to SCC 30.62A.510. Any disturbance of these areas by GRANTEE except as permitted by law will require GRANTEE to restore critical areas at GRANTEE'S sole cost and expense and upon final approval of GRANTOR.

(b) GRANTOR may at any time do, order, or have done any and all work considered necessary to restore to a safe condition any real or personal property left by GRANTEE in a condition that appears dangerous to life or property and upon demand GRANTEE shall pay to the GRANTOR all reasonable and appropriate costs of such work, including materials and other expenses.

17. Assignment, Successors and Assigns. This Easement may not be assigned, sublet or possession thereof transferred voluntarily or involuntarily by the GRANTEE. All of the provisions of this Easement shall be binding upon and inure to the benefit of GRANTOR, GRANTEE and their respective successors and assigns.

18. Compliance with Laws. GRANTEE shall comply with all federal, state and local laws, rules, and regulations, executive orders, policies, guidelines, and requirements applicable to GRANTEE's use and occupation of the Easement.

19. Prevailing Wage. To the extent any of the work performed on the Premises under the terms of this Easement meets the definition of a "public work" under RCW 39.04.010, GRANTEE and any subcontractors engaged in performing such work shall pay all workers, laborers, or mechanics an amount not less than the prevailing rate of wages established for each trade or occupation as established by the Washington Department of Labor and Industries. GRANTEE shall be solely responsible to ensure compliance with all requirements of chapter 39.12 RCW and to determine the appropriate classifications and verify the applicable prevailing wage rates.

20. Complete Agreement. This Easement represents the complete agreement of the parties regarding the matters described herein. There are no other verbal or written agreements regarding the rights and obligations set forth herein, except as contained in this Easement. This Easement may only be modified by a written document signed by the parties.

21. Severability. If any provision of this Easement is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, such provision shall not affect the validity of the remaining provisions of this Easement.

22. Governing Law and Venue. This Easement shall be governed by and construed in accordance with the laws of the State of Washington. The venue for any action to enforce or interpret this Easement shall lie in the Superior Court of Washington for Snohomish County, Washington.

23. Authority. Each party signing this Easement if on behalf of an entity, represents that they have full authority to sign this Easement on behalf of such entity.

24. Compliance with Storm Water Pollution Prevention Plan. The GRANTEE is required to comply with the Snohomish County Trafton Storage Site, Storm Water Pollution Plan ("SWPPP") attached hereto and reference herein as Exhibit B.

25. Limited Waiver of Sovereign Immunity. The GRANTEE expressly reserves all of its inherent sovereign rights as a federally recognized Indian tribe, including sovereign immunity from suit in any state, federal or tribal court without the GRANTEE'S consent. By entering into this Easement, the GRANTEE hereby grants a limited waiver of sovereign immunity to the GRANTOR only, subject to and conditioned on the following:

(a) This limited waiver of immunity shall not extend to interpretation of the Treaty of Point Elliott, 12 Stat. 927, or the rights reserved by the GRANTEE under that Treaty. This waiver of immunity shall not extend to or be used for or to the benefit of any other person or entity of any kind or description whatsoever, including any successor or assign of the GRANTOR.

(b) To the extent that jurisdiction obtains, this limited waiver of immunity shall be deemed a consent to jurisdiction only of the Snohomish County Superior Court.

(c) This limited waiver of immunity in favor of the GRANTOR shall commence and become effective as of the effective date of this Easement and shall remain in effect and extend for three (3) years from the ending date under Section 2 or three (3) years from earlier termination of this Easement as set forth in Sections 12 and 13 herein. Notwithstanding any applicable statute of limitations or other law, upon expiration of the above three (3) year period that extends from the ending date or early termination of this Easement, this limited waiver of immunity shall be deemed withdrawn without further action by the GRANTEE or notice to the GRANTOR.

(d) Nothing contained in this Easement shall be deemed a consent to levy of any judgment, lien or attachment upon any assets, property or interest of the GRANTEE except as specifically described herein.

(e) Nothing in this Easement nor any activity of the GRANTEE shall implicate or in any way involve the trust assets or credit of the GRANTEE or any of its members.

The GRANTEE hereby expressly provides a limited waiver of sovereign immunity to suit with respect to claims made relating to, or arising under, this Easement by any party, to interpret or enforce the terms of this Easement, or to a claim of indemnification by the GRANTOR. The limit for any claim of indemnification will be the insurance limit required by this Easement. The parties agree that in discharging this indemnification obligation, where the required insurance is procured, the GRANTOR shall look only to the proceeds of the insurance procured by the GRANTEE herein and the policy of insurance obtained by the GRANTEE shall prohibit the insurer from asserting a defense of sovereign immunity to a claim made under the policy. The GRANTEE warrants its authority to and agrees to assign over to the GRANTOR, at its request, any and all of its rights against the insurer to effectuate a payment of its indemnification obligation.

THE SPACE BELOW IS LEFT BLANK INTENTIONALLY SEE NEXT PAGE

GRANTOR: SNOHOMISH COUNTY

GRANTEE: STILLAGUAMISH TRIBE OF
INDIANS

BY _____
Dave Somers, Executive

BY _____

TITLE _____

DATE _____

DATE _____

Approval as to form:

Deputy Prosecuting Attorney

Reviewed by Risk Management:

☐ Approved ☐ Other

Risk Management Signature

**EXHIBIT A
THE PREMISES**



EXHIBIT B
STORM WATER POLLUTION PREVENTION PLAN

Spill Prevention, Control, and Countermeasures Plan Trafton Reach Floodplain Restoration

Prime Contractor: Trimaxx Construction

THIS PLAN SHALL BE UPDATED AS NECESSARY TO REFLECT ACTUAL
SITE CONDITIONS AND PRACTICES
AND MUST BE UPDATED AT LEAST ANNUALLY

A COMPLETE, UPDATED COPY OF THIS PLAN MUST BE ACCESSIBLE ON THE
PROJECT SITE AT ALL TIMES

Prepared by

Trimaxx Construction Inc.
12903 Wayward Way
Sedro Woolley, WA 98284
(360) 661-6857

March 20th, 2025

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SPCC Plan Trafton Floodplain

March 20, 2025

Restoration

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i

SPCC Plan Implementation Requirements

WSDOT Standard Specification 1-07.15(1) and WSDOT General Special Provision 071501.FR1 require a Spill Prevention, Control and Countermeasures Plan (SPCC Plan or

Plan) to be developed for each WSDOT project. The purpose of an SPCC Plan is to protect human health and the environment from spills and releases of "hazardous materials," a generic term WSDOT uses in Chapter 447 of its Environmental Procedures Manual to mean dangerous waste, problem waste, petroleum products, and hazardous substances.

Trimaxx Construction Incorporated (TCI), the Prime Contractor for Trafton Reach Floodplain Restoration Project, has developed this SPCC Plan to satisfy WSDOT Standard Specification 1- 07.15(1) and WSDOT General Special Provision 071501.FR1 for the Project.

TCI will use this SPCC Plan for the duration of the Project and will update the Plan throughout Project construction so that the Plan reflects actual site conditions and practices. At a minimum, TCI will update this Plan annually. TCI will maintain an updated copy of this Plan on the Project site and all Project employees will have immediate access to this Plan.

No on-site Project construction activities will commence until The Stillaguamish Tribe accepts this SPCC Plan. TCI will implement the spill prevention measures identified in this SPCC Plan before performing any of the following on the Project site:

1. Placing materials or equipment in staging or storage areas;
2. Refueling, washing, or maintaining equipment;
3. Stockpiling contaminated materials.

SPCC Plan Trafton Floodplain Restoration

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March 20, 2025

SPCC Plan Elements

11. Responsible Personnel

Table 1 identifies the names, titles, and contact information for the personnel responsible for implementing and updating the SPCC Plan and for responding to spills. Contact information for spill response subcontractors that will be used to respond to spills (as described in Section 8, Spill Response, below) is also included in Table 1.

| Table 1 Responsible Personnel | | |
|---|--------------------------------------|---|
| Responsibility | Name and Title | Contact Information |
| Implementing and Updating SPCC Plan (Primary person) | Todd Snyder Project Manager/ESC Lead | Company: Trimaxx Construction inc. Office Phone: Cell Phone: (360) 661-6857 |
| Implementing and Updating SPCC Plan (Secondary Contact) | Jon Nichols Foreman/ Alt. ESC lead | Company: Trimaxx Construction Inc. Office Phone: Cell Phone@360) 661-6858 |
| On-Site Spill Responder | Jon Nichols Foreman/ Esc Lead | Company: Trimaxx Construction Office Phone: Cell Phone@360) 661-6858 |
| | | |
| | | |

12. Spill Reporting

In the event of a spill, TCI will notify

- The Stillaguamish Tribe Project Manager, Jason Griffith (360) 631-0868
- The Federal, State, and Local Agencies listed in Table 2.

| Table 2 Federal, State, and Local Agencies to be Notified in the Event of a Spill | | |
|---|--------------------------------------|---|
| Agency Name | Agency Notification Telephone Number | When Agency will be Notified |
| | | |
| National Response Center | 1-800-424-8802 | Notify immediately Spill or release to water |
| Washington state division of emergency management | 1-800-258-5990 | Notify immediately Spill or release to water |
| Washington state department of ecology | (425)649-7000 | Notify immediately Spill or release to water |
| Washington state department of ecology | (425)649-7000 | Immediately if threat to health or environment from spill to soil |

**SPCC Plan Trafton Floodplain
Restoration**

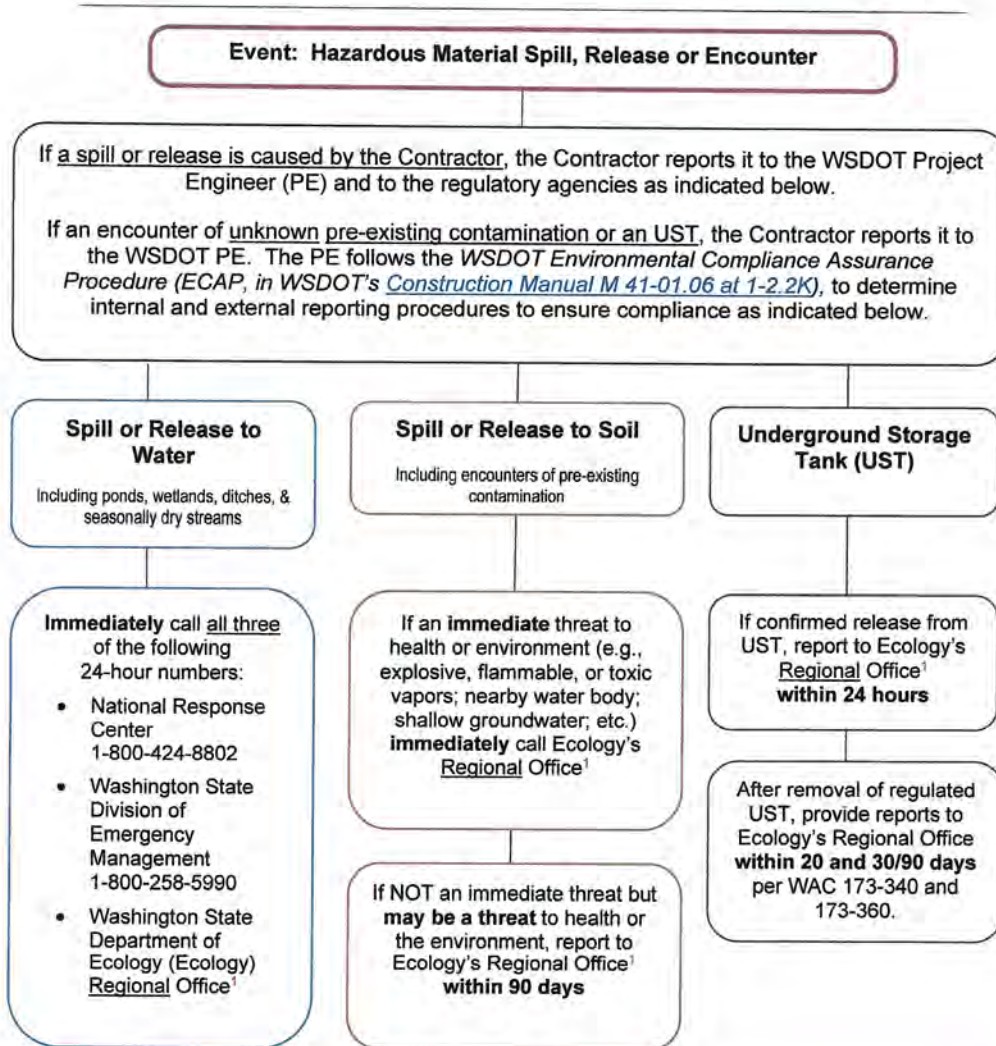
Page March 20, 2025
2

| Table 2 Federal, State, and Local Agencies to be Notified in the Event of a Spill | | |
|---|--------------------------------------|---|
| Agency Name | Agency Notification Telephone Number | When Agency will be Notified |
| Washington state department of ecology | (425)649-7000 | Within 90 days if not immediate threat resulting from spill to soil |

| | | |
|--|----------------|---|
| Washington state department of ecology | (425)649-7000 | Within 24 hours if confirmed release from UST |
|--|----------------|---|



Figure 2 External Regulatory Reporting Requirements



1. Ecology Regional Office Numbers

Eastern (Spokane): 509-329-3400
Central (Yakima): 509-575-2490

Northwest (Bellevue): 425-649-7000
Southwest (Lacey): 360-407-6300

Ecology regional lines and the type of information needed is provided on Ecology's spill reporting website at <http://www.ecy.wa.gov/programs/spills/other/reportaspill.htm>.

13. Project and Site Information

- The Project work: The Trafton Reach Floodplain Restoration Work will include installing temporary bridges and crossings for access, clearing work areas of vegetation, isolating work areas from the river and other wetted areas (if necessary), constructing 86 log structures, creating new channels, riprap removal and placement, bank stabilization grading and fill, removal of temporary bridges and crossings, and restoring the site.
- 8. The site location and boundaries: Project includes the restoration of approximately 2 miles of the North Fork Stillaguamish River, mid project 26703 115th Ave. NE Arlington, WA 98223
- c. The drainage pathways from the site: see Table 3 below.
- d. Nearby waterways and sensitive areas and their distances from the site: see Table 3 below.

| Table 3 Drainage Pathways and Nearby Waterways ¹ and Sensitive Areas ² | | |
|--|---|--|
| Drainage Pathway from Site | Receiving Nearby Waterway ¹ or Sensitive Area ² | Distance of Receiving Waterway or Sensitive Area from Project Site |
| Site is in North Fork Stillaguamish River | North Fork Stillaguamish River | 0 feet |
| | | |
| | | |
| | | |

- Waterways include streams, creeks, sloughs, rivers, Puget Sound, etc.
- 2. Sensitive areas are areas that typically contain populations that could be particularly sensitive to a hazardous materials spill or release. Such areas include wetlands, areas that provide habitat for threatened or endangered species, nursing homes, hospitals, child care centers, etc. Sensitive areas also include areas where groundwater is used for drinking water, such as wellhead protection zones and sole source aquifer recharge areas.

4. Potential Spill Sources

A description of each potential hazardous material brought or generated on-site is set forth in Table 4, below. The potential hazardous materials listed on Table 4 include materials used for operating, refueling, maintaining, and cleaning all equipment.

| Table 4 Hazardous Materials Brought or Generated On-Site | | | | |
|--|---|--|---|--|
| Hazardous Material Name | Intended Use of Material | Est. Max. Amount of Material On-Site at Any One Time | Material Staging, Use, and Storage Location(s) & Material Storage and Secondary Containment Practices and Structures ¹ | Distance of Material Staging, Use, and Storage Locations from Nearby Waterways ² and Sensitive Areas ³ |
| Diesel fuel on crew trucks | Fueling the equipment needed to build the project | 500 gallons total in various fuel cells | Earth moving equipment will be fueled at a minimum of 150 feet away from any wetland, when refueling secondary containment will be used by the refueling crew truck, spill kits will be located on each fuel truck. When generators or pumps are used they will be placed in secondary containment with a capacity greater than the pump it contains. | Earthmoving equipment will be staged no closer than 50 feet from any wetland |
| Gasoline and oil | Fuel pumps and saws | 10 gallons in 5 gallon approved cans | Gasoline and oil will be stored on crew trucks | |

1. Material Storage and Secondary Containment Practices and Structures must meet the requirements of Section 7.C (Spill Prevention, material storage and secondary containment practices and structures), below. These practices and structures may be described in Table 4 or under Section 7.C., below.
2. Waterways include streams, creeks, sloughs, rivers, Puget Sound, etc.
3. Sensitive areas are areas that typically contain populations that could be particularly sensitive to a hazardous materials spill or release. Such areas include wetlands, areas that provide habitat for threatened or endangered species, nursing homes, hospitals, and child care centers. Sensitive areas also include areas where groundwater is used for drinking water, such as wellhead protection zones and sole source aquifer recharge areas.

1. Pre-Existing Contamination

Hazardous Material is not expected within the project limits. The removal of any encountered hazardous materials will meet all guidelines and permit requirements, at the direction of the WSDOT engineer.

2. Spill Prevention and Response Training

Every Monday morning TCI will have its weekly safety meeting at that time location of spill kits and the contents and usage of the spill kits will be discussed

All personnel and subcontractors will be required to go over the SPCC Plan with either Jon Nichols or Todd Snyder before they will be able to start work on the project. Once they have been informed of the plan, they will sign that they understand the plan and its response procedures. Records of all SPCC site training will be kept in the project site log book.

3. Spill Prevention

- A. Spill response kit contents and location(s). See Table 7. Appropriately sized kits will be maintained in close proximity to hazardous materials and equipment and will be immediately accessible to all Project employees.

| Table 7 Spill Response Kit Contents and Locations | | |
|---|--|------------------------|
| Type of Spill Kit | Spill Kit Contents | Spill Kit Location(s) |
| Drum kit | personal protective equipment (PPE, such as safety glasses, gloves, coveralls, boot covers), spill pads, absorbent, booms, garbage bags, plastic sheeting, overpack or disposal drum, complete copy of SPCC Plan | Located on crew trucks |
| | | |

8. Security measures for potential spill sources. The hazardous materials will be stored on crew trucks and not left onsite at night, equipment will be equipped with locked fuel caps, etc.

- C. Material storage and secondary containment practices and structures.

- Potential hazardous materials will be mixed, located, and stored on diked or contained impervious surfaces capable of handling the maximum volume of material on site at any given time so as to prevent spills from escaping or from entering State waters.

- Drip pans or other protective devices will be used for all hazardous material transfer operations.
 - Oil and fuel transfer valves and fittings, fuel hoses, and the like will be stored to prevent spills into State waters.
- D. Methods used to prevent stormwater contact with hazardous materials. Contaminated soil will be placed on bermed plastic and covered.
- E. Site inspection procedures and frequency.
- hazardous material containers and tanks, fuel hoses, oil or fuel transfer valves and fittings, and the like will be checked regularly for drips or leaks to prevent spills into State waters.
- F. Equipment and structure maintenance practices.
- hazardous material containers and tanks, fuel hoses, oil or fuel transfer valves and fittings, and the like will be maintained to prevent spills into State waters.

8. Spill Response

Tables 8.A through 8.E, below, outline the response procedures that TCI will follow for the scenarios described in those tables' titles. The response procedures that are outlined will ensure TCI does everything possible to control and contain hazardous materials until appropriate measures can be taken. The response procedures include a description of the actions that TCI will take to address each task shown in the tables as well as the specific on-site, spill response equipment that will be used to perform each task. If TCI will use a Subcontractor for spill response, the contact information for the Subcontractor is provided in Table 1; when the Subcontractor will be used and the actions that TCI will take at the site while waiting for the Subcontractor to respond are described in the appropriate table below.

Table 8.A Spill Response Procedures for Spills of Each Type of Hazardous Material at Each Location Identified in Section 4 except: for Spills Occurring During Work with Equipment Used Below the Ordinary High Water Line, see Table 8.E
(Including Actions to be Taken and Equipment to be Used)

Note 1: Oil, paint, and solvent spills shall be addressed and shall be prevented from reaching storm drains or other discharge points.
Note 2: It is acceptable to combine materials covered by the same response procedures, as long as each material is clearly identified.

| Hazardous Material and Location | Spill Response Task | | | |
|--|---|--|--|---|
| | Assess the Spill | Secure the Area | Contain and Eliminate the Spill Source | Clean Up Spilled Material Decontaminate Equipment Dispose of Spilled & Contaminated Material |
| diesel fuel or oil from equipment or fuel tanks on crew trucks | Determine approximate amount of material spilled and where spilled material has gone and is going. Call on-site spill responder listed in Table 1. If spill is an immediate threat to human health or property, call 911. Report spill to Nooksack Tribe PE and to agencies as listed in Table 2.) | Shut down work in areas affected by spill, remove non-response personnel from spill area, and prevent access to spill area by non-response personnel.) | If safe to do so, eliminate spill source by shutting off equipment, closing leaking valves, etc. If safe to do so, contain spill using spill pads, spill booms, and absorbent from spill kits.) | If spill is not too large, dangerous, or involved, clean up spilled material. If spill is too large, dangerous, work emergency personnel to clean up spill. Decontaminate all non-disposable equipment used in or contaminated during spill response. Disposal of spilled and contaminated material and all decontamination fluids in accordance with all regulations at a legally permitted facility. Within 7 days of disposal, provide documentation substantiating such disposal to the Nooksack Tribe inspector.) |
| | | | | |
| | | | | |
| | | | | |

| Table 8.B Spill Response Procedures for Stormwater that has Come into Contact with Hazardous Materials (Including Actions to be Taken and Equipment to be Used) | | | |
|--|---|--|--|
| Assess Contaminated Stormwater | Spill Response Task | | |
| | Secure the Area | Contain and Eliminate the Contaminated Stormwater and its Source | Clean Up Contaminated Stormwater Decontaminate Equipment Dispose of Contaminated Stormwater and Supplies |
| Determine approximate amount of storm water that has come into contact with contaminants. | Divert any more storm water from coming into contact with the contaminated area | Use plastic and sandbags to create diversion dams and detention ponds for the contaminated water | If spill is not too large, dangerous, or involved, clean up spilled material. |
| Call on-site spill responder listed in Table 1. | | | If spill is too large, dangerous, work emergency personnel to clean up spill. |
| If spill is an immediate threat to human health or property, call 911. | | | Decontaminate all non-disposable equipment used in or contaminated during spill response. |
| Report spill to Nooksack Tribe PE and to agencies as listed in Table 2.) | | | Disposal of spilled and contaminated material and all decontamination fluids in accordance with all regulations at a legally permitted facility. Within 7 days of disposal, provide documentation substantiating such disposal to the Nooksack Tribe Inspector.) |
| | | | |
| | | | |
| | | | |

Table 8.C Spill Response Procedures for Releases or Spills of Any Pre-Existing Contamination and Contaminant Source

Described in Section 5
(Including Actions to be Taken and Equipment to be Used)

Note: write N/A if no contamination or contaminant source is described in Section 5 and delete the following table (but not the table title, above).

| Contamination or Contaminant Source | Assess the Spill | Spill Response Task | | | Clean Up Spilled Material Decontaminate Equipment Dispose of Spilled & Contaminated Material |
|--|------------------|---------------------|--|--|---|
| | | Secure the Area | Contain and Eliminate the Spill Source | | |
| N/A | N/A | N/A | N/A | | N/A |
| | | | | | |
| | | | | | |
| | | | | | |

| Table 8.D Spill Response Procedures for Releases or Spills of Any Unknown Pre-Existing Contamination and Contaminant Sources Encountered During Project Work (Including Actions to be Taken and Equipment to be Used) | | | | |
|--|--|---|---|--|
| Contamination or Contaminant Source | Spill Response Task | | | |
| | Assess the Spill | Secure the Area | Contain and Eliminate the Spill Source | Clean Up Spilled Material Decontaminate Equipment Dispose of Spilled & Contaminated Material |
| gasoline contaminated soil; buried tanks; buried pipes; etc.) | <p>Determine approximate amount of material spilled and where spilled material has gone and is going.</p> <p>Call on-site spill responder listed in Table 1.</p> <p>If spill is an immediate threat to human health or property, call 911.</p> <p>Report spill to Nooksack Tribe PE and to agencies as listed in Table 2.)</p> | <p>Shut down work in areas affected by spill, remove non-response personnel from spill area, and prevent access to spill area by non-response personnel.)</p> | <p>If safe to do so, eliminate spill source by shutting off equipment, closing leaking valves, etc.</p> <p>If safe to do so, contain spill using spill pads, spill booms, and absorbent from spill kits.)</p> | <p>If spill is not too large, dangerous, or involved, clean up spilled material.</p> <p>If spill is too large, dangerous, work emergency personnel to clean up spill.</p> <p>Decontaminate all non-disposable equipment used in or contaminated during spill response.</p> <p>Disposal of spilled and contaminated material and all decontamination fluids in accordance with all regulations at a legally permitted facility. Within 7 days of disposal, provide documentation substantiating such disposal to the Nooksack Tribe inspector.)</p> |
| | | | | |
| | | | | |
| | | | | |

**Table 8.E Spill Response Procedures for Spills Occurring During Work with Equipment Used Below the Ordinary High Water Line
(Including Actions to be Taken and Equipment to be Used)**

Note: write N/A if no equipment will be used below the ordinary high water line and delete the following table (but not the table title, above).

| Hazardous Material and Location | Assess the Spill | Secure the Area | Spill Response Task | |
|---------------------------------|------------------|-----------------|--|--|
| | | | Contain and Eliminate the Spill Source | Clean Up Spilled Material Decontaminate Equipment Dispose of Spilled & Contaminated Material |
| N/A | | | | |
| | | | | |
| | | | | |

9. Project Site Map

A Project site map, clearly showing each of the following items, is attached:

- A. Site location and boundaries;
- B. Site access roads;
- C. Drainage pathways from the site;
- D. Nearby waterways¹ and sensitive areas²;
- E. Hazardous materials, equipment, and decontamination areas identified in Section 4 (Potential Spill Sources), above;
- F. Pre-existing contamination or contaminant sources described in Section 5 (Pre-Existing Contamination), above; and
- G. Spill prevention and response equipment described in Section 7 (Spill Prevention) and Section 8 (Spill Response), above.

Note:

- 1. Waterways include streams, creeks, sloughs, rivers, Puget Sound, etc.
- 2. Sensitive areas are areas that typically contain populations that could be particularly sensitive to a hazardous materials spill or release. Such areas include wetlands, areas that provide habitat for threatened or endangered species, nursing homes, hospitals, child care centers, etc. Sensitive areas also include areas where groundwater is used for drinking water, such as wellhead protection zones and sole source aquifer recharge areas.


10. Spill Report Form(s)

A copy of the spill report form that will be used in the event of a release or spill is attached

Management Approval

This SPCC Plan is supported by management of TCI having the authority to commit the necessary resources, including labor, equipment, and materials, to expeditiously control and remove any harmful quantity of hazardous materials spilled or released to the waters or land of the State of Washington.

3-20-2025
Date


Todd Snyder
Secretary
Trimaxx Construction Incorporated

EXAMPLE SPILL REPORT FORM

Instructions: Complete for any type of hazardous material spill or incident (including spills or incidents involving petroleum products). Provide a copy of this report to management.

1. Contractor:

Name and Title of Person Responsible for Spill Response: _____

Phone Number: _____

2. WSDOT Personnel Notified of Spill:

Project Office: Name, Title, and Phone Number: _____

Regional Environmental Office: Name, Title, and Phone Number: _____

3. General Spill Information:

Common Name of Spilled Substance: _____

Quantity Spilled (Estimate): _____

Describe Concentration of Material (Estimate): _____

Date of Spill: ____/____/____

Time Spill Started: ____ AM ____ PM

Time Spill Ended: ____ AM ____ PM

4. Spill Location and Conditions:

Project Title: _____

Street Address and/or Milepost, City: _____

Weather Conditions: _____

If Spill to Water,

Name of Water Body (if ditch or culvert, identify the water body that the structure discharges to): _____

Identify the Discharge Point: _____

Estimate the Depth and Width of the Water Body: _____

Estimate Flow Rate (i.e. slow, moderate, or fast): _____

Describe Environmental Damage (i.e., fish kill?): _____

5. Actions taken:

To Contain Spill or Impact of Incident: _____

To Cleanup Spill or Recover from Incident: _____

To Remove Cleanup Material: _____

To Document Disposal: _____

To Prevent Reoccurrence: _____

6. Agencies Notified of Spill:

Spills to water: Immediately call the National Response Center (1-800-424-8802), Emergency Management (1-800-258-5990), and Ecology's Regional Office (see link in note below for phone number).

Spills to soil that may be an immediate threat to health or the environment (e.g., explosive, flammable, or toxic vapors; nearby water body; shallow groundwater; etc.): Call Ecology's Regional Office immediately. If not an immediate threat but may be a threat to human health or the environment, report to Ecology's Regional Office within 90 days or as directed by the WSDOT PE.

Note:

- Project specific permits may have additional reporting requirements.
- Ecology Regional lines, phone numbers and additional reporting information can be found at: <http://www.ecy.wa.gov/programs/spills/other/reportaspill.htm>

List all agencies contacted; include names, dates, and phone numbers for people you spoke with:

Record ERTS #, if issued by Ecology: _____

7. Person Responsible for Managing Termination/Closure of Incident or Spill:

Name and Phone: _____

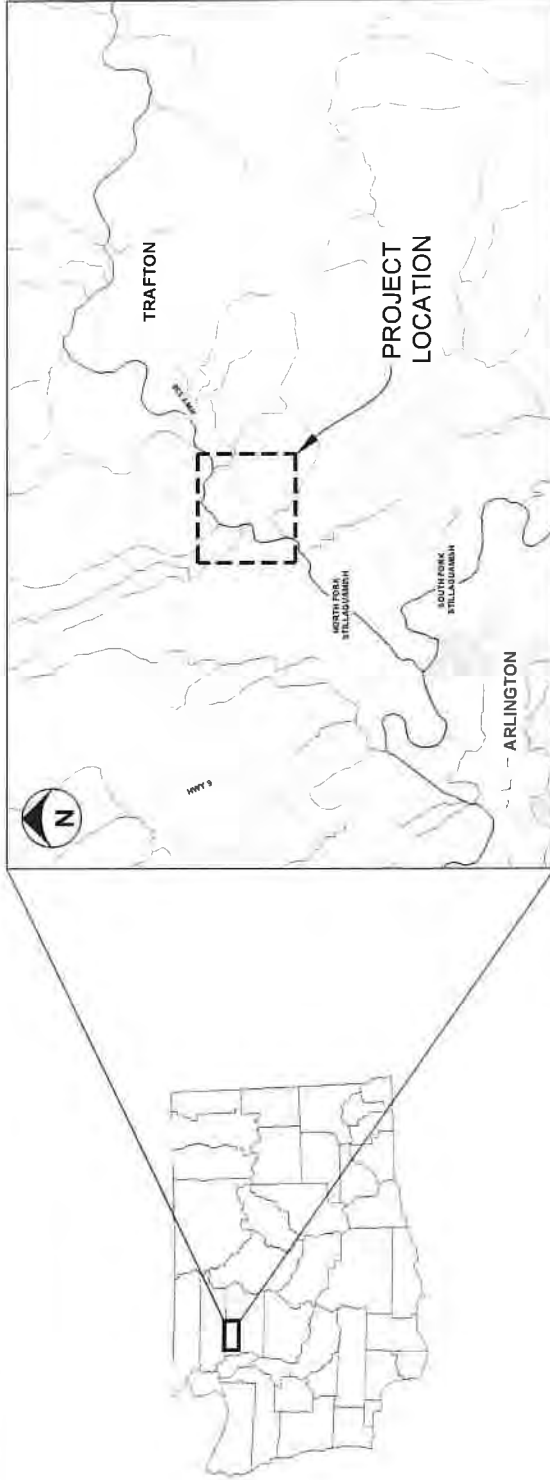
Address and Fax: _____

8. Additional Notes (if any):

EXHIBIT C
CONSTRUCTION DOCUMENTS
SEE NEXT PAGE

STILLAGUAMISH TRIBE OF INDIANS TRAFTON FLOODPLAIN RESTORATION

100% DESIGN - FEBRUARY 2025
PROJECT LOCATION: TRAFTON, WASHINGTON



VICINITY MAP

1" = 5000'

| SHEET ID | SHEET NAME | SHEET INDEX |
|----------|--|-------------|
| G-1 | COVER SHEET | |
| G-2 | CONSTRUCTION NOTES | |
| G-3 | QUANTITIES AND TAKEOUT POINTS | |
| G-4 | LEGEND AND ABBREVIATIONS | |
| G-5 | EXISTING SITE CONDITIONS | |
| G-6 | EXISTING SITE CONDITIONS WITH UBAR | |
| G-7 | SITE PLAN OVERVIEW | |
| G-8 | SITE PLAN - 1 | |
| G-9 | SITE PLAN - 2 | |
| G-10 | SITE PLAN OVERVIEW | |
| G-11 | SWALE GRADING - PROFILE AND SECTIONS (1) | |
| G-12 | SWALE GRADING - PROFILE AND SECTIONS (2) | |
| G-13 | GRAVEL TRAIL DETAILS | |
| G-14 | SUGGESTED SEQUENCING AND TESC OVERVIEW | |

| SHEET ID | SHEET NAME | SHEET INDEX |
|----------|---|-------------|
| C-17 | SITE PREPARATION AND TESC - 1 | |
| C-18 | SITE PREPARATION AND TESC - 2 | |
| C-19 | SITE PREPARATION AND TESC - 3 | |
| C-20 | TESC DETAILS - 1 | |
| C-21 | TESC DETAILS - 2 | |
| C-22 | TESC DETAILS - 3 | |
| C-23 | TYPE 1 LARGE APEX ELJ DETAIL | |
| C-24 | TYPE 1 LARGE APEX ELJ LAYERING PLAN (1) | |
| C-25 | TYPE 1 APEX JAM LAYERING PLAN (2) | |
| C-26 | TYPE 2 SMALL APEX ELJ DETAIL | |
| C-27 | TYPE 2 SMALL APEX ELJ LAYERING PLAN (1) | |
| C-28 | TYPE 2 SMALL APEX ELJ LAYERING PLAN (2) | |
| C-29 | TYPE 3 LARGE DEFLECTOR ELJ DETAIL | |
| C-30 | TYPE 3 LARGE DEFLECTOR ELJ LAYERING PLAN (1) | |
| C-31 | TYPE 3 LARGE DEFLECTOR ELJ LAYERING PLAN (2) | |
| C-32 | TYPE 4 FLOODPLAIN ROUGHNESS ELJ DETAIL | |
| C-33 | TYPE 4 FLOODPLAIN ROUGHNESS ELJ LAYERING PLAN | |
| C-34 | TYPE 5 SWALE WOOD | |
| C-35 | ELJ DETAILS - 1 | |
| C-36 | ELJ DETAILS - 2 | |
| L-01 | PLANTING OVERVIEW | |
| L-02 | PLANTING SCHEDULES | |

PROJECT TEAM

PROJECT SPONSOR:

JASON GRIFFITH
THE STILLAGUAMISH TRIBE OF INDIANS
3322 28TH ST NE
ARLINGTON, WA 98221

PROJECT SPONSOR:

CHARLOTTE SCOFIELD
THE STILLAGUAMISH TRIBE OF INDIANS
3322 28TH ST NE
ARLINGTON, WA 98223

SENIOR ENGINEER:

SKY MILLER, PE
ENVIRONMENTAL SCIENCE ASSOCIATES
2801 ALASKAN WAY SUITE 200
SEATTLE, WA 98121

PROJECT MANAGER/HYDRAULIC ENGINEER:

DAN ELLIOTT, PE
ENVIRONMENTAL SCIENCE ASSOCIATES
2801 ALASKAN WAY SUITE 200
SEATTLE, WA 98121

HYDRAULIC ENGINEER:

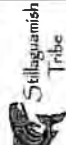
GREG WOLCOWSKI, PE
ENVIRONMENTAL SCIENCE ASSOCIATES
2801 ALASKAN WAY SUITE 200
SEATTLE, WA 98121



100% DESIGN
DATE: 2/25/25
DRAWN: CM
CHECKED: CM
IN CHARGE: SKM



STAMP



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

PROJECT NAME
DATE: 2/25/25
BID: ADDENDUM 1

DESIGNED: GW/DE
DRAWN: GW
CHECKED: CM
IN CHARGE: SKM

PROJECT NUMBER: D002100418
ISSUE DATE: 2/24/2025
SCALE: 1/8" = 1'-0" (PLAN)
SCALE: 1/4" = 1'-0" (SECTION)
PLOT: 11/17/25

PHASE:
100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

COVER SHEET

SHEET NUMBER
G-1

SHEET 1 OF 42

1 THESE PLANS HAVE BEEN PREPARED FOR THE EXCLUSIVE USE OF THE STILLAGUAMISH TRIBE OF INDIANS AND THEIR AUTHORIZED AGENTS. HEREAFTER REFERRED TO AS "OWNER" OR "CONTRACTING OFFICER" THE "CONTRACTOR" OR THEIR SUBCONTRACTOR IS THE PARTY SELECTED TO CONSTRUCT THE PROJECT.

- 1 these PLANS HAVE BEEN PREPARED FOR THE EXCLUSIVE USE OF THE STILLACUMMUS
2 TRIBE OF INDIANS AND THEIR AUTHORIZED AGENTS HEREAFTER REFERRED TO AS THE
3 "OWNER", OR "CONTRACTING" OFFICER", OR THE "CONTRACTOR", OR THEIR
4 SUBCONTRACTOR IS THE PARTY SELECTED TO CONSTRUCT THE PROJECT.
- 5 ENVIRONMENTAL SCIENCE ASSOCIATES (ESA) HEREAFTER REFERRED TO AS "ENGINEER"
6 IS RESPONSIBLE FOR THE PREPARATION OF THESE ORIGINAL PLANS AND ASSOCIATED
7 SPECIFICATIONS; AND WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED
8 CHANGE OR USE OF THESE PLANS WHICH INCLUDES ALTERATION, DELETION OR
9 ADDITION TO THE PLANS OR SPECIFICATIONS WITHOUT THE WRITTEN CONSENT OF THE
10 ENGINEER. ANY OTHER UNAUTHORIZED USE OF THIS DOCUMENT IS PROHIBITED.
- 11 MINOR MODIFICATIONS ARE EXPECTED TO SUIT JOB SITE DIMENSIONS OR CONDITIONS
12 SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK. THE OWNER,
13 ENGINEER, AND APPROPRIATE REGULATORY AGENCIES SHALL CONSIDER DESIGN CHANGE
14 OF PROPOSED FOOTPRINT OR THAT SIGNIFICANTLY AFFECTS THE INTENDED BENEFIT OR
15 FUNCTION OF A PROJECT ELEMENT.
- 16 THE LOCATION OF ALL FEATURES SHOWN IS APPROXIMATE. FINAL LOCATIONS SHALL BE
17 DETERMINED BY THE OWNER OR ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE ENGINEER
18 RESERVES THE RIGHT TO ADJUST THE LOCATION OF STRUCTURES OR REMOVE FROM
19 THE CONTRACT.
- 20 THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB
21 SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT
22 INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND FURTHER AGREES THAT THIS
23 REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING
24 HOURS IN ACCORDANCE WITH THE PROVISIONS OUTLINED BY THE PROJECT CONTRACT
25 SPECIFICATIONS.
- 26 ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION AND
27 SATISFACTION OF THE OWNER. IMPROVEMENT CONSTRUCTION SHALL COMPLY
28 WITH THESE PLANS AND THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
29 (WSDOT) STANDARD PLANS, CURRENT EDITION, UNLESS OTHERWISE NOTED. THE WASHINGTON
30 STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR
31 ROAD BRIDGE AND MUNICIPAL CONSTRUCTION, CURRENT EDITION, SPECIFICATIONS NOT
32 SPECIFIED ON THESE PLANS SHALL CONFORM TO THE REQUIREMENTS OF THE
33 STANDARD SPECIFICATIONS FOR BRIDGE AND MUNICIPAL CONSTRUCTION, SECTION 101.01
34 THROUGH SECTION 101.05. THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE
35 GENERAL NOTES OF THE CONTRACT SPECIAL PROVISIONS SHALL SUPERSEDE THOSE OF
36 THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR.
- 37 FILE DRIVING REQUIREMENTS ARE INCLUDED IN SECTION 8-26 OF THE PROJECT
38 SPECIFICATIONS.
- 39 IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTOR(S) TO EXAMINE
40 THE PROJECT SITE PRIOR TO THE OPENING OF BID. PROPOSALS THE CONTRACTOR
41 SHALL BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE
42 PERFORMED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY
43 AND LOCAL CONDITIONS, PARTICULARLY THOSE AFFECTING THE AVAILABILITY OF
44 TRANSPORTATION, THE DISPOSAL, HANDLING AND STORAGE OF MATERIALS,
45 AVAILABILITY OF LABOR, WATER, ELECTRICITY, ROADS, THE UNCERTAINTIES OF
46 WEATHER, THE CONDITIONS OF THE GROUND, SITES NEEDED FOR AND DURING THE
47 PERFORMANCE OF THE WORK, AND THE COSTS THEREOF. ANY FAILURE BY THE
48 CONTRACTOR AND SUBCONTRACTOR(S) TO ACQUAINT THEMSELVES WITH ALL THE
49 AVAILABLE INFORMATION WILL NOT RELIEVE THE CONTRACTOR AND
50 SUBCONTRACTOR(S) FROM RESPONSIBILITY FOR ESTIMATING THE EXTENT, SEVERITY,
51 DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK.
- 52 THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE CONTRACT DOCUMENTS AND
53 FOR ALL SUBMITTALS REQUIRED TO THE OWNER FOR REVIEW AND ACCEPTANCE.
- 54 ALL EARTHWORK QUANTITIES ARE BASED ON A NEXT-1:16 COMPARISON BETWEEN
55 THE EXISTING AND PROPOSED SURFACE. NO EXPANSION AND COMPACTION FACTORS
56 HAVE BEEN APPLIED. ACTUAL EARTHWORK VOLUMES MAY VARY.

PERMIT NOTES:

1. EVERY PLANNED EFFORT SHALL BE MADE TO CONDUCT THE ACTIVITIES SHOWN IN THESE PLANS IN A MANNER THAT MINIMIZES THE ADVERSE IMPACT ON WATER QUALITY, FISH AND WILDLIFE, AND THE NATURAL ENVIRONMENT.
2. ALL WORK SHALL BE IN COMPLIANCE WITH PERMIT CONDITIONS ISSUED BY PERTINENT REGULATORY AGENCIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE COPIES OF ALL PERMITS ON THE JOB SITE, UNDERSTAND AND COMPLY WITH ALL PERMIT CONDITIONS.
3. ALL WORK THAT DISTURBS THE SUBSTRATE BANK, OR SHORE OF A WATERS OF THE STATE THAT CONTAINS FISH LIFE SHALL BE CONDUCTED ONLY DURING THE WORK PERIODS WHEN THERE IS NO FISHING OR FISHING OCCURS OUTSIDE OF ABOVE THE THOSE PORTIONS OF THE PROJECT WORK AREA THAT OCCUR OUTSIDE OF ABOVE THE ORDINARY HIGH WATER MARK (ABOVE THE USAGE JURISDICTIONAL LINE) ARE NOT SUBJECT TO THE WORK PERIODS DESCRIBED ABOVE UNLESS SPECIFIED IN THE #ELEVINT PERMIT.
4. ALL ACTIVITIES THAT INVOLVE WORK ADJACENT TO OR WITHIN THE WETTED CHANNEL, SHALL AT ALL TIMES REMAIN CONSISTENT WITH ALL APPLICABLE WATER QUALITY STANDARDS AND MANAGEMENT PRACTICES ESTABLISHED PURSUANT TO THE CLEAN WATER ACT OR PURSUANT TO APPLICABLE STATE AND LOCAL LAW.
5. IF AT ANY TIME AS A RESULT OF PROJECT ACTIVITIES FISH ARE OBSERVED IN DISTRESS, A FISH KILL (SPILLS) OPERATIONS OR WATER QUALITY PROBLEMS DEVELOP (INCLUDING EQUIPMENT FAILURE), THE OPERATIONS SHALL CEASE AND THE OWNER SHALL BE NOTIFIED IMMEDIATELY.

SURVEY NOTES:

1. UNLESS NOTED OTHERWISE ON THE PLANS THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION
2. THE CONTRACTOR SHALL MAINTAIN A SET OF PLANS ON THE JOB SHOWING "AS-CONSTRUCTED" CHANGES MADE TO DATE UPON COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL SUPPLY TO OWNER A SET OF PLANS MARKED UP TO THE SATISFACTION OF THE OWNER REFLECTING THE AS-CORRECTED MODIFICATIONS
3. ELEVATIONS SHOWN ON THE PLANS FOR TOE OF SLOPE, TOPS OF BANKS, THALWEG GRADE CONTROLS, ETC ARE BASED UPON THE TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL NECESSARY SURFACE ELEVATIONS IN THE FIELD AND CORRECT ANY ERRORS PRIOR TO THE BEGINNING OF CONSTRUCTION. PROPER ORIENTATION OF THE NEW FACILITIES BEFORE BREAKING GROUND AND PRIOR TO FACILITY INSTALLATION. THE OWNER SHALL BE CONTACTED IN THE EVENT ELEVATIONS ARE INCORRECT SO THAT THE PROPER ADJUSTMENTS CAN BE MADE IN THE FIELD PRIOR TO INSTALLATION OF THE FACILITIES, AS SECOND IN THE SPECIAL PROVISIONS

DATUM NOTES:

- 1 VERTICAL CONTROL IS NAVD 88; HORIZONTAL CONTROL IS NAD83 WASHINGTON STATE PLANES NORTH ZONE, US FOOT

TEESC NOTES:

- 1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL TEMPORARY EROSION CONTROL MEASURES THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS. THE TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- 2 A SEDIMENT AND EROSION CONTROL PLAN SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. THE PLAN SHALL BEGIN THE SEDIMENT AND EROSION CONTROL OF ALL TEMPORARY BEST MANAGEMENT PRACTICES TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS AND ADJACENT PROPERTIES IS MINIMIZED.
- 3 ACTIVITIES SHALL BE DESIGNED AND CONSTRUCTED TO AVOID AND MINIMIZE ADVERSE EFFECTS TO THE ADJACENT WETLANDS. ALTERNATIVES THAT SHALL BE CONSIDERED INCLUDE THOSE THAT MINIMIZE THE NUMBER AND EXTENT OF IN-WATER WORK AND EQUIPMENT CROSSINGS OF WETTED CHANNELS.
- 4 AT NO TIME SHALL SEDIMENT-LADEN WATER BE DISCHARGED OR PUMPED DIRECTLY INTO THE SUBJECT RIVER, STREAM OR WETLAND. WATER SHALL BE DISCHARGED IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN THE PROJECT PERMITS AND/OR SPECIFICATIONS.
- 5 IF HIGH WATER LEVEL CONDITIONS THAT CAUSE FLUTATION OR EROSION ARE ENCOUNTERED DURING CONSTRUCTION WORK SHALL STOP UNTIL THE WATER LEVEL SUBSIDES.
- 6 PERMIT CONDITIONS CONTAIN SPECIFIC REQUIREMENTS FOR THE CONTROL OF EROSION AND FLUTATION. THE CONTRACTOR SHALL MAINTAIN ADEQUATE INSPECTION STAFF TO FREQUENTLY ASSESS THE PROJECT MANAGEMENT AND INSPECTION STAFF TO AVOID TURBIDITY AMOUNTS IN EXCESS OF THE PERMITTED CONCENTRATIONS. AND/OR TURBIDITIES WILL CAUSE WORK TO BE STOPPED UNTIL IMPROVED PRACTICES ARE IN EFFECT AND THE PROBLEMS CONTROLLED. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR THE PREVENTION OF EROSION THAT OCCUR BY NATURE OF THIS FAILURE TO ADEQUATELY CONTAIN SEDIMENT ON-SITE.
- 7 THE CONTRACTOR SHALL LIMIT MACHINERY MOVEMENT TO CONSTRUCTION AREAS DEFINED ON SITE PLAN OR IDENTIFIED AS ACCEPTABLE BY THE ENGINEER OR OWNER.
- 8 ALL EXTERNAL GREASE AND OIL SHALL BE PRESSURE-WASHED OFF EQUIPMENT PRIOR TO MOBILIZATION TO THE SITE.
- 9 ALL EQUIPMENT OPERATING BELOW OHMM SHALL UTILIZE READY BIODEGRADABLE VEGETABLE-BASED HYDRAULIC FLUIDS [B-91 31126].
- 10 THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO PETROLEUM PRODUCTS, HYDRAULIC FLUID, SEDIMENTS, SEDIMENT-ADEN WATER, CHEMICALS OR ANY OTHER TOXIC OR DELETERIOUS MATERIALS ARE ALLOWED TO ENTER OR LEACH INTO THE SUBJECT RIVER, STREAM OR WETLAND.
- 11 THE CONTRACTOR SHALL HAVE AN EMERGENCY SPILL KIT ONSITE AT ALL TIMES.
- 12 NO TREES OR WETLAND VEGETATION SHALL BE REMOVED UNLESS THEY ARE SHOWN AND NOTED TO BE REMOVED ON THE PLANS OR AS DIRECTLY SPECIFIED ON-SITE BY THE CONTRACTING OFFICER. ALL TREES CONFLICTING WITH GRADING SHALL BE REMOVED. NO GRADING SHALL TAKE PLACE WITHIN THE DMP LINE OF TREES NOT TO BE REMOVED UNLESS OTHERWISE APPROVED.
- 13 FOLLOWING CONSTRUCTION, SITE RESTORATION WILL INCLUDE DE-COMPACT AND TEMPORARY SEEDING TO ESTABLISH EROSION PROTECTION MEASURES. EQUIPMENT AND EXCESS SUPPLIES WILL BE REMOVED AND THE WORK AREA WILL BE CLEANED AND REVEGETATED. ALL CONSTRUCTION RESTORATION PROJECTS SHALL BE MONITORED AND ARE ANTICIPATED TO OCCUR PERIODICALLY.

| | | | | | | | | | | | |
|--|--|--|---|---|--|---|---|------------------------------------|-----------------------|-------------------------|---------------------|
|  NEW AGENCY WAY SUITE 200 RALEIGH, NC 27601 TEL: 919.881.2288 WWW.ESA-NC.COM |  10/13/26 |  Stillaguamish Tribe | TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON WA | REVIEW DATE DESCRIPTION 1 3/2/25 BIO ADDENDUM 1 | DESIGNED GW/DE DRAWN GW CHECKED CM IN CHARGE SM | PROJECT NUMBER D001100418 PERMIT DATE 2/4/2025 | SCALE IS AS SHOWN WHEN PLotted TO FULL SIZE 1"=1'-0" | 100% CONSTRUCTION DOCUMENTATION | CONSTRUCTION NOTES | SHEET NUMBER G-2 | SHEET 2 OF 42 |
| | | | | PROJECT NAME | PHASE | SCALE | DRAWING TITLE | SHEET TITLE | SHEET NUMBER | SHEET 2 OF 42 | |

CHANNEL ALIGNMENT CONTROL TABLES

| MAIN SIDE CHANNEL 60% ALIGNMENT CONTROL TABLE | | | | | |
|---|---------|-------------|-----------|--------------|--------------|
| SEGMENT | STATION | EASTING | NORTHING | CURVE RADIUS | DELTA ANGLE |
| L1 | 0+00 | 1,339,160.2 | 457,014.7 | — | — |
| C1 | 10+33 | 1,338,164.1 | 457,290.0 | 309.9 | 121° 31' 09" |
| L2 | 16+91 | 1,337,783.8 | 456,805.5 | — | — |
| C2 | 17+06 | 1,337,788.2 | 456,880.4 | 334.0 | 77° 14' 20" |
| L3 | 21+57 | 1,337,629.3 | 456,505.3 | — | — |
| C3 | 21+85 | 1,337,603.1 | 456,491.5 | 450.9 | 30° 54' 37" |
| L4 | 24+29 | 1,337,309.3 | 456,435.9 | — | — |
| C4 | 26+43 | 1,337,155.4 | 456,443.7 | 848.8 | 52° 31' 36" |
| L5 | 34+19 | 1,336,471.6 | 456,136.7 | — | — |
| C5 | 36+28 | 1,336,336.6 | 455,975.6 | 836.4 | 37° 29' 17" |
| L6 | 41+75 | 1,335,081.2 | 455,983.2 | — | — |
| C6 | 41+86 | 1,335,871.2 | 455,690.9 | 523.0 | 29° 41' 40" |
| L7 | 44+57 | 1,335,634.1 | 455,565.9 | — | — |

| NORTH SWALE & COUNTY SWALE ALIGNMENT CONTROL TABLE | | | | | |
|--|---------|-------------|-----------|--------------|-------------|
| SEGMENT | STATION | EASTING | NORTHING | CURVE RADIUS | DELTA ANGLE |
| L1 | 0+00 | 1,336,482.8 | 456,992.2 | — | — |
| C1 | 3+61 | 1,336,386.8 | 456,647.2 | 365.8 | 38° 04' 30" |
| L2 | 6+24 | 1,336,234.6 | 456,438.7 | — | — |
| C2 | 7+62 | 1,336,121.6 | 456,350.1 | 321.9 | 78° 46' 23" |
| L3 | 12+10 | 1,336,012.8 | 455,961.9 | — | — |
| L4 | 14+14 | 1,336,027.9 | 455,776.0 | — | — |
| L5 | 15+14 | 1,336,138.7 | 455,684.8 | — | — |
| C3 | 17+76 | 1,336,217.1 | 455,435.1 | 535.9 | 38° 04' 37" |
| L6 | 21+32 | 1,336,205.9 | 455,085.7 | — | — |
| C4 | 24+29 | 1,336,100.0 | 454,807.8 | 664.4 | 25° 52' 01" |
| L7 | 27+29 | 1,336,059.0 | 454,513.2 | — | — |
| C5 | 28+65 | 1,336,070.8 | 454,377.7 | 361.7 | 65° 42' 37" |
| L8 | 32+80 | 1,335,887.5 | 454,000.7 | — | — |
| C6 | 33+59 | 1,335,816.6 | 453,692.1 | 344.3 | 73° 41' 15" |
| L9 | 38+02 | 1,335,651.5 | 453,614.4 | — | — |
| C7 | 38+35 | 1,335,658.9 | 453,592.1 | 307.4 | 62° 43' 40" |
| L10 | 41+72 | 1,335,558.0 | 453,278.5 | — | — |
| C8 | 42+38 | 1,335,507.6 | 453,235.8 | 381.8 | 37° 04' 10" |
| L11 | 44+85 | 1,335,581.8 | 453,028.2 | — | — |
| C9 | 45+52 | 1,335,367.1 | 452,862.8 | 318.5 | 74° 46' 53" |
| L12 | 49+68 | 1,335,070.3 | 452,714.5 | — | — |

| COUNTY SWALE INLET ALIGNMENT CONTROL TABLE | | | | |
|--|---------|-------------|-----------|-------------|
| SEGMENT | STATION | EASTING | NORTHING | DELTA ANGLE |
| C1 | 1+87 | 1,335,519.3 | 454,192.4 | 48° 40' 27" |
| L1 | 6+35 | 1,335,651.6 | 453,778.7 | — |

ELJ CONTROL TABLES

| TYPE 1 LARGE APEX ELJ CONTROL TABLE | | | | |
|-------------------------------------|------------|--------------|-------------|-------------|
| DESCRIPTION | NORTHING | EASTING | DELTA ANGLE | DELTA ANGLE |
| LA-1 | 457,061.24 | 1,339,376.89 | — | — |
| LA-2 | 457,166.92 | 1,339,065.93 | — | — |
| LA-3 | 457,183.31 | 1,339,055.29 | — | — |
| LA-4 | 457,893.40 | 1,338,336.57 | — | — |
| LA-5 | 457,937.21 | 1,337,946.87 | — | — |
| LA-6 | 458,244.82 | 1,337,767.68 | — | — |
| LA-7 | 457,068.05 | 1,336,277.56 | — | — |
| LA-8 | 456,926.12 | 1,336,148.34 | — | — |
| LA-9 | 456,506.61 | 1,335,684.11 | — | — |
| LA-10 | 454,928.62 | 1,335,292.65 | — | — |
| LA-11 | 453,982.40 | 1,335,157.98 | — | — |

| TYPE 2 SMALL APEX ELJ CONTROL TABLE | | | | |
|-------------------------------------|------------|--------------|-------------|-------------|
| DESCRIPTION | NORTHING | EASTING | DELTA ANGLE | DELTA ANGLE |
| SA-1 | 458,154.72 | 1,338,077.21 | — | — |
| SA-2 | 458,076.39 | 1,337,784.37 | — | — |
| SA-3 | 457,998.60 | 1,337,613.93 | — | — |
| SA-4 | 457,927.87 | 1,337,395.30 | — | — |
| SA-5 | 456,218.19 | 1,335,597.48 | — | — |
| SA-6 | 456,015.80 | 1,335,475.78 | — | — |
| SA-7 | 455,753.31 | 1,335,475.86 | — | — |
| SA-8 | 454,656.13 | 1,335,396.90 | — | — |
| SA-9 | 454,410.44 | 1,335,369.54 | — | — |
| SA-10 | 453,655.61 | 1,335,092.48 | — | — |
| SA-11 | 453,400.36 | 1,334,889.85 | — | — |
| SA-12 | 453,187.29 | 1,334,784.62 | — | — |

| TYPE 3 LARGE DEFLECTOR ELJ CONTROL TABLE | | | | |
|--|------------|--------------|-------------|-------------|
| DESCRIPTION | NORTHING | EASTING | DELTA ANGLE | DELTA ANGLE |
| LD-1 | 456,661.99 | 1,337,793.72 | — | — |
| LD-2 | 456,616.25 | 1,337,673.66 | — | — |
| LD-3 | 456,427.10 | 1,337,482.62 | — | — |
| LD-4 | 456,300.06 | 1,336,621.85 | — | — |
| LD-5 | 455,852.67 | 1,336,242.44 | — | — |
| LD-6 | 455,317.66 | 1,335,399.05 | — | — |
| LD-7 | 456,703.56 | 1,335,679.58 | — | — |

GENERAL NOTES.

- THE CONTRACTOR SHALL FLAG THE LOCATIONS OF ELJS AND ALIGNMENT SEGMENTS AS PROVIDED ON THIS SHEET. THE CONTRACT REPRESENTATIVE RESERVES THE RIGHT TO MODIFY THE LOCATIONS OF ELJS AND ALIGNMENT SEGMENTS. THE CONTRACTOR SHALL REVIEW, WORK SHALL NOT COMMENCE WITHOUT APPROVAL OF STAKEOUT POINTS FIRST.
- STAKEOUT POINTS ARE NOT PROVIDED FOR ELJS TO BE CONSTRUCTED OUTSIDE THE OHW LINE SHOWN ON THE PLANS. THE LOCATION OF THESE STRUCTURES ARE APPROXIMATE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACT REPRESENTATIVE TO APPROVE PRIOR TO INSTALLATION. THE CONTRACT REPRESENTATIVE RESERVES THE RIGHT TO MODIFY THE LOCATION OF THESE STAKES.

TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WAPROJECT NAME
DATE: 12/20/2023
DRAWN BY: J. J. JENSEN
CHECKED BY: J. J. JENSEN
IN CHARGE: J. J. JENSENDESIGNED BY: J. J. JENSEN
DRAWN BY: J. J. JENSEN
CHECKED BY: J. J. JENSEN
IN CHARGE: J. J. JENSENPROJECT NUMBER: D00100418
SHEET NUMBER: 24 OF 25
SCALE: 1"=40' HORIZONTAL
PLOT TO FULL SIZE (24" X 36")PHASE: 100% CONSTRUCTION
DOCUMENTATION
SHEET TITLEQUANTITIES AND
STAKEOUT POINTSSHEET NUMBER
G-3

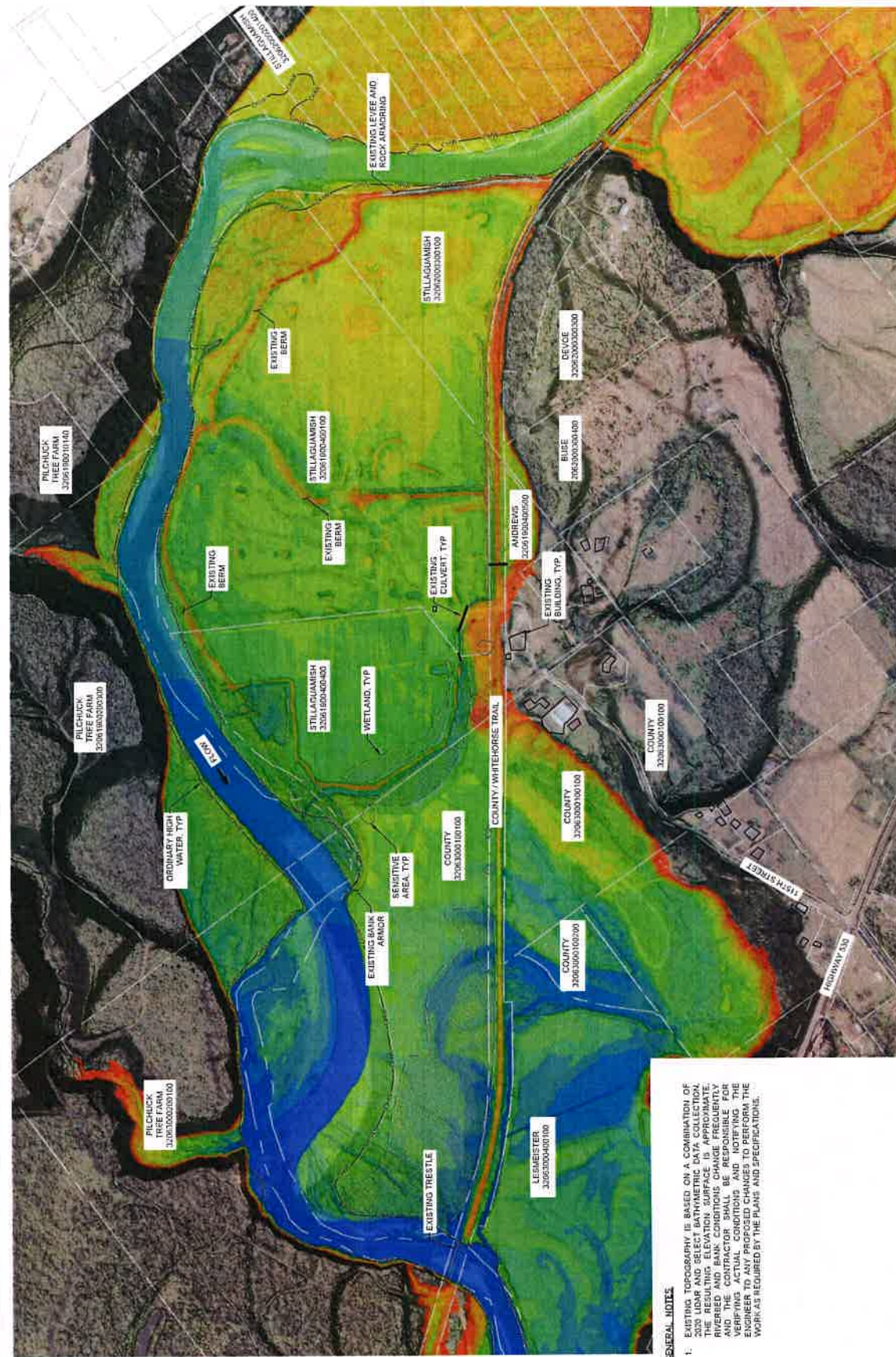
SHEET 3 OF 42

SHEET 4 OF 42



GENERAL NOTES

1. NO TOPOGRAPHIC SURVEY WAS PERFORMED AS PART OF THIS PROJECT.
2. EXISTING TOPOGRAPHY IS BASED ON A COMBINATION 2020 LIDAR AND SELECT BATHYMETRIC DATA COLLECTION. THE LIDAR DATA IS THE PRIMARY SOURCE OF INFORMATION. INFERRED AND BANK CONDITIONS CHANGE FREQUENTLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AND NOTIFYING THE ENGINEER TO ANY PROPOSED CHANGES TO PERFORM THE WORK AS REQUIRED BY THE PLANS AND SPECIFICATIONS.
3. 2021 AERIAL IMAGERY OBTAINED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP).
4. PARCEL LINES ARE PROVIDED BY SNOHOMSH COUNTY GIS DATA AND ARE APPROXIMATE.
5. THE LOCATIONS OF TREES, BUILDINGS, CREEK CHANNEL AND ALL OTHER SITE FEATURES SHOWN ARE APPROXIMATE AND THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATIONS AND NOTIFYING THE ENGINEER BEFORE ANY CHANGE OF WORK.
6. EXISTING UNDERGROUND UTILITY LOCATIONS HAVE NOT BEEN IDENTIFIED AS PART OF THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ANY UTILITIES THAT MAY BE PRESENT PRIOR TO CONSTRUCTION AND PROTECT UTILITIES FOR THE DURATION OF CONSTRUCTION.
7. THE WORK LIMITS ARE LIMITED TO TAX PARCELS OWNED BY THE STILLACUMWASH TRIBE AND SNOHOMSH COUNTY. NO OTHER WORK IS PERMITTED OUTSIDE THESE TAX LOTS. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING TAX LOT BOUNDARIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY, AT NO EXPENSE TO THE OWNER OR OWNER'S REPRESENTATIVES.
9. NO DISTURBANCE TO SENSITIVE AREAS PERMITTED. THE OWNER SHALL FLAG THESE AREAS PRIOR TO WORK COMMENCING.



GENERAL NOTES

1. EXISTING TOPOGRAPHY IS BASED ON A COMBINATION OF 2030 LIDAR AND SELECT BATHYMETRIC DATA COLLECTION. THE RESULTING ELEVATION SURFACE IS APPROXIMATE. RIVERBED AND BANK CONDITIONS CHANGE FREQUENTLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AND NOTIFYING THE ENGINEER TO ANY PROPOSED CHANGES TO PERFORM THE WORK AS REQUIRED BY THE PLANS AND SPECIFICATIONS.



2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CURRENT CONDITION OF KEEZE ROAD AND MAKING IMPROVEMENT AS NEEDED TO FACILITATE CONSTRUCTION ACCESS.

FOLLOWING THE OWNER DEEMING THE PROJECT COMPLETE, THE CONTRACTOR SHALL BEAR ALL COST TO REPAIR ROADWAY DAMAGE AND RETURN KEEZE ROAD TO THE CONDITION IT WAS IN PRIOR TO MOBILIZATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THE CONDITION OF THE ROAD PRIOR TO MOBILIZATION. SEE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



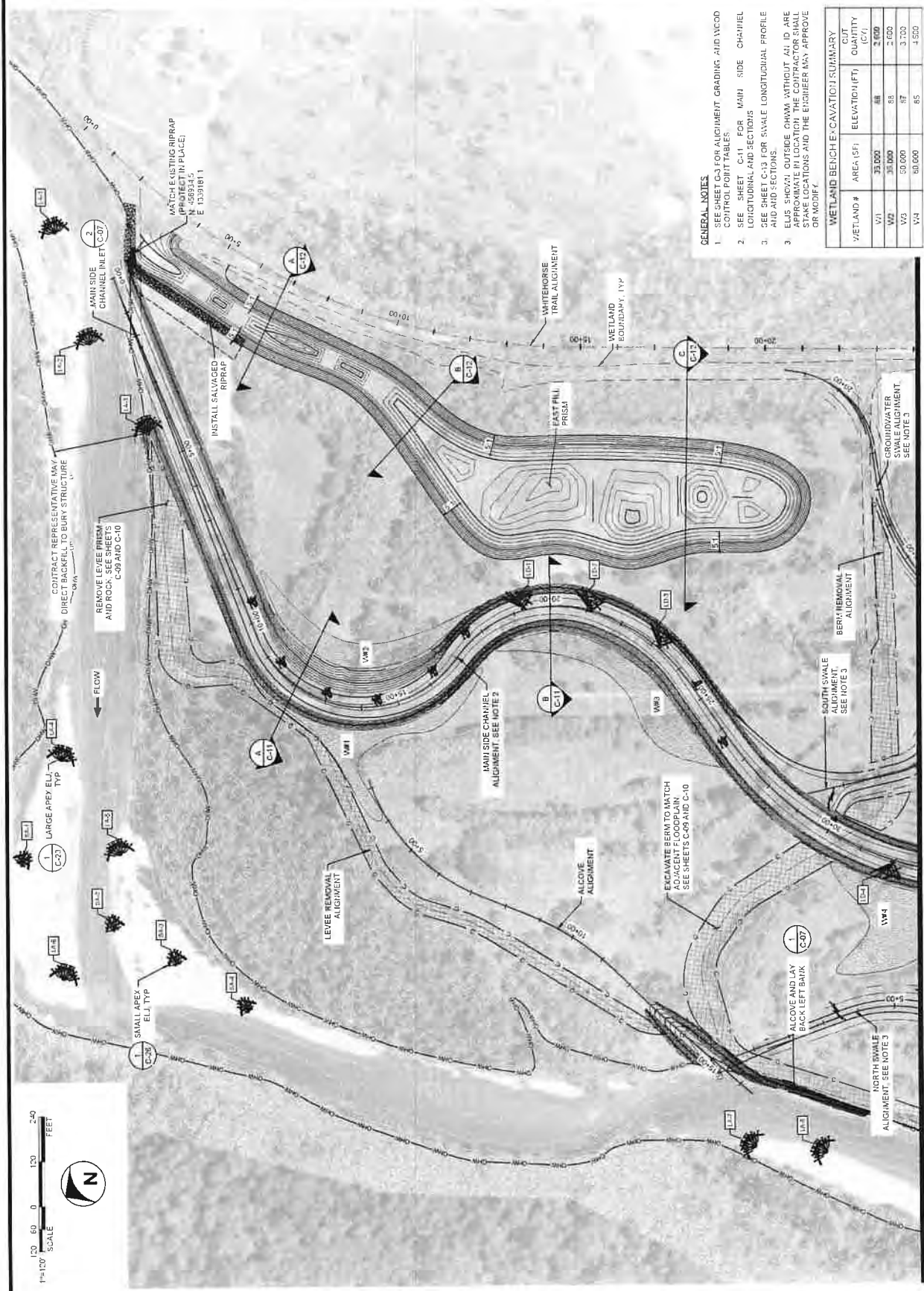
TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFON WA

[illegible]

SITE PLAN - 1

C-04

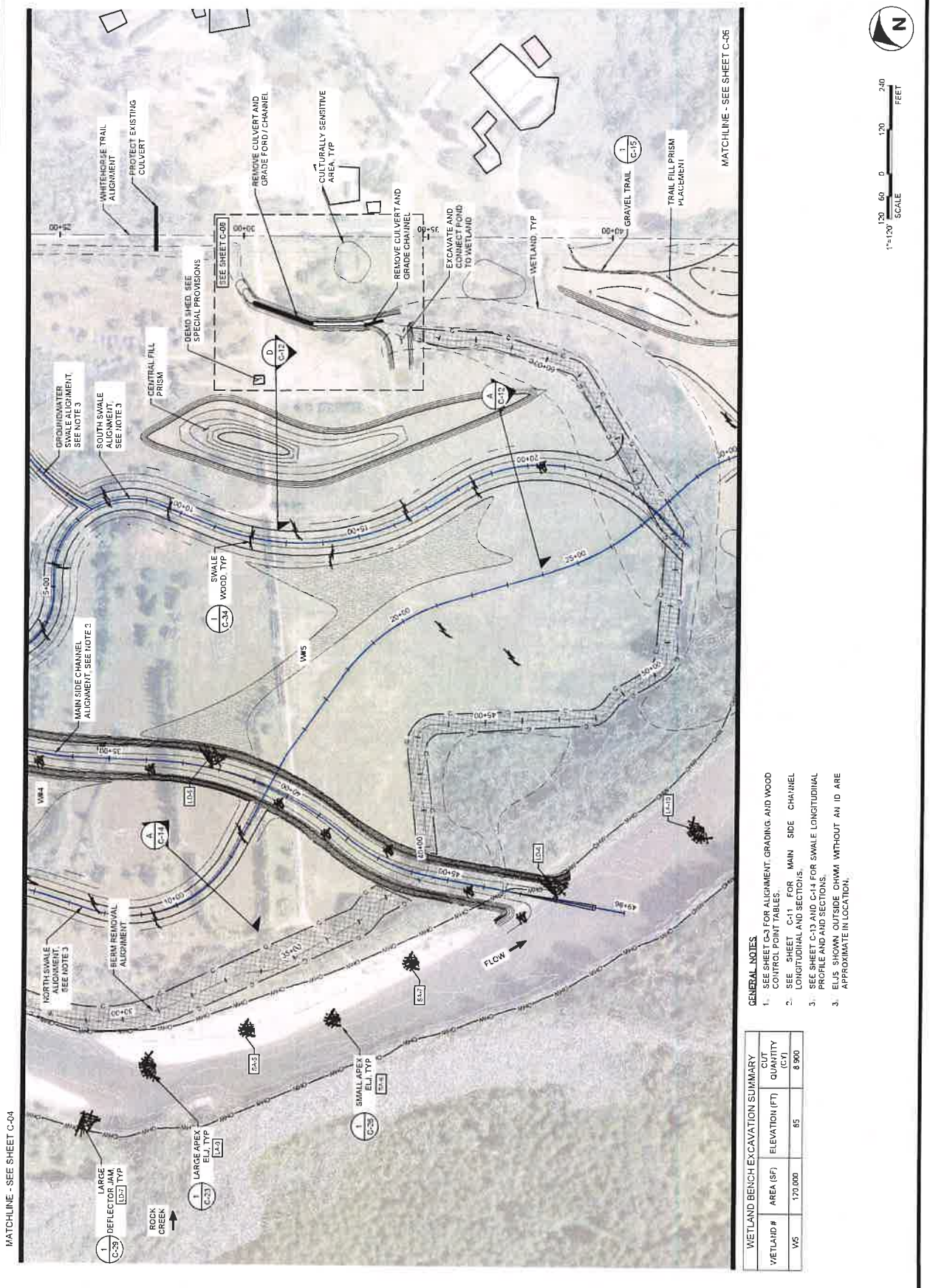
SHEET 8 OF 42



| WETLAND BENCH EXCAVATION SUMMARY | | | |
|----------------------------------|-----------|----------------|-------------------|
| WETLAND # | AREA (SF) | ELEVATION (FT) | CUT QUANTITY (CY) |
| W1 | 35,000 | 88 | 2,600 |
| W2 | 35,000 | 88 | 2,600 |
| W3 | 50,000 | 87 | 3,700 |
| W4 | 60,000 | 85 | 4,500 |

| GENERAL NOTES | |
|---------------|--|
| 1. | SEE SHEET G-1 FOR CONTROL POINTS |
| 2. | SEE SHEET C-1 FOR LONGITUDINAL |
| 3. | SEE SHEET C-1 FOR AND AND SEC |
| 3. | ELVS SHOWN APPROXIMATE STAKE LOCATIONS |

MATCHLINE - SEE SHEET C-05



- GENERAL NOTES**
- SEE SHEET C-3 FOR ALIGNMENT, GRADING, AND WOOD CONTROL POINT TABLES.
 - SEE SHEET C-11 FOR MAIN SIDE CHANNEL LONGITUDINAL AND SECTIONS.
 - SEE SHEET C-13 AND C-14 FOR SWALE LONGITUDINAL PROFILE AND SECTIONS.
 - ELUS SHOWN OUTSIDE OHWM WITHOUT AN ID ARE APPROXIMATE IN LOCATION.

| WETLAND BENCH EXCAVATION SUMMARY | | | |
|----------------------------------|-----------|----------------|----------------------|
| WETLAND # | AREA (SF) | ELEVATION (FT) | CUT QUANTITY (CU YD) |
| W5 | 170,000 | 85 | 8,900 |





2000 ALASKA DRIVE
SUITE 200
ANCHORAGE, AK 99503
PHONE: 281.444.4444
WWW.ESA-USA.COM



11/03/25



**TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA**

PROJECT NAME

DATE

DESCRIPTION

1 3/2/25 BID ADDENDUM 1

DESIGNED

CW/DE

DRAWN

CW

CHECKED

CW

IN CHARGE

SM

PROJECT NUMBER

002106418

ISSUE DATE

2-4-2025

SCALE

AS SHOWN

ADJUSTED TO FULL SIZE (8.5x11)

100% CONSTRUCTION
DOCUMENTATION

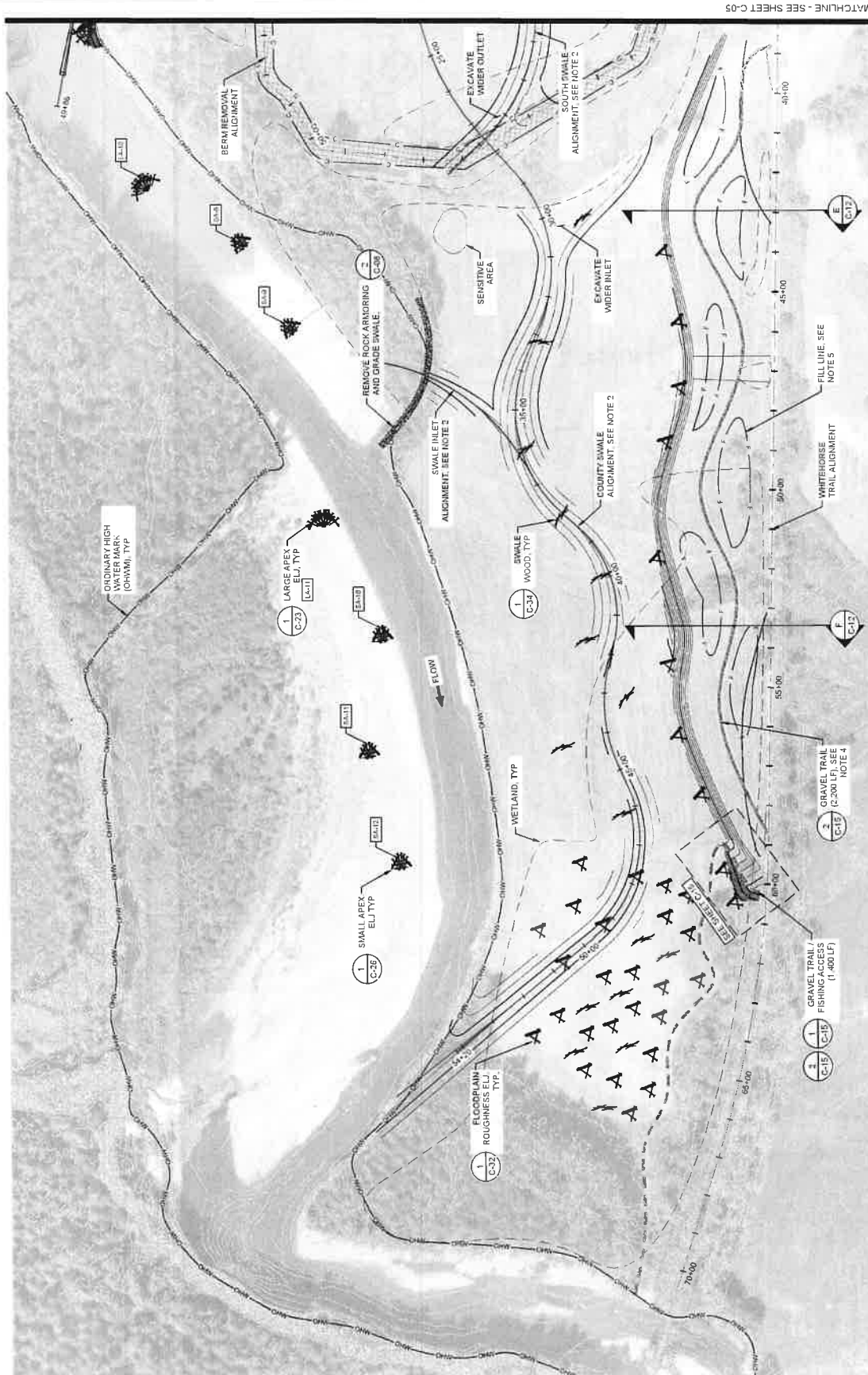
SHEET TITLE

SITE PLAN - 3

SHEET NUMBER

C-06

SHEET 10 OF 42



- GENERAL NOTES**
- SEE SHEET C-3 FOR ALIGNMENT, GRADING, AND WOOD CONTROL POINT TABLES.
 - SEE SHEET C-13 AND C-14 FOR SWALE LONGITUDINAL PROFILE AND SECTIONS.
 - ELUS SHOWN OUTSIDE OHWM WITHOUT AN ID ARE APPROXIMATE IN LOCATION.
 - THE CONTRACTOR SHALL STAKE THE GRAVEL TRAIL FOR APPROVAL BY THE CONTRACT REPRESENTATIVE. THE REPRESENTATIVE RESERVES THE RIGHT TO ADJUST THE LOCATION OF THE TRAIL BEFORE APPROVING.
 - THE CONTRACTOR SHALL GRADE MICROTOPOGRAPHY ATOP THE FILL PRISM.





201 ALASKA AVENUE
SEATTLE, WA 98107
PHONE: 206.461.1100
WWW.ESA-ENGINEERS.COM



11/13/25



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON, WA

PROJECT # 1408

DESIGNED GVI/DE
DRAWN GW
CHECKED CM
IN CHARGE SM

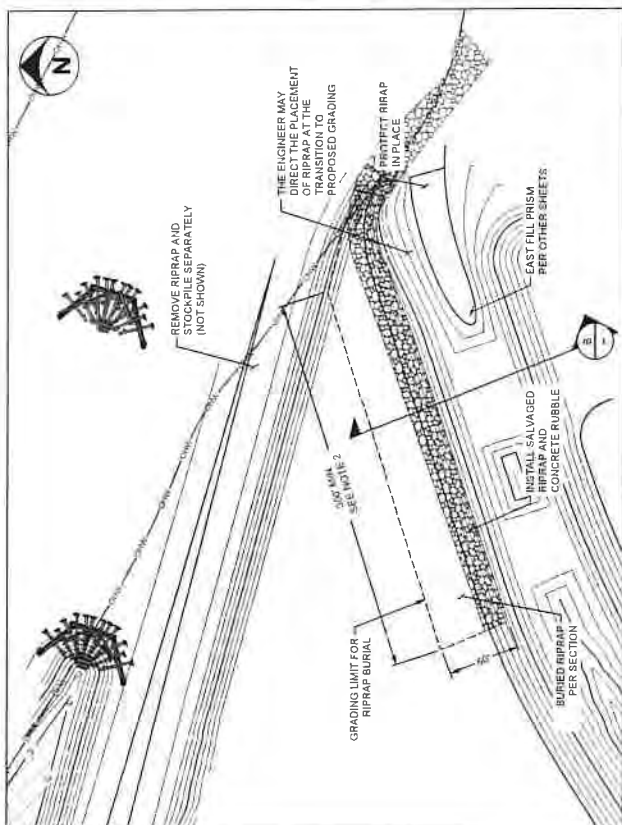
PROJECT NUMBER D00100418
PROJECT DATE 2-14-2025
PROJECT LOCATION N.F. STILLAGUAMISH RIVER, WA

PHASE 100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

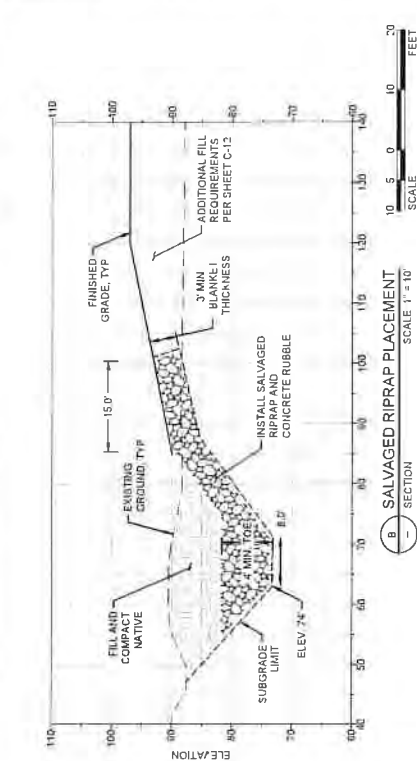
SIDE CHANNEL
INLET AND ALCOVE
PLAN

C-07

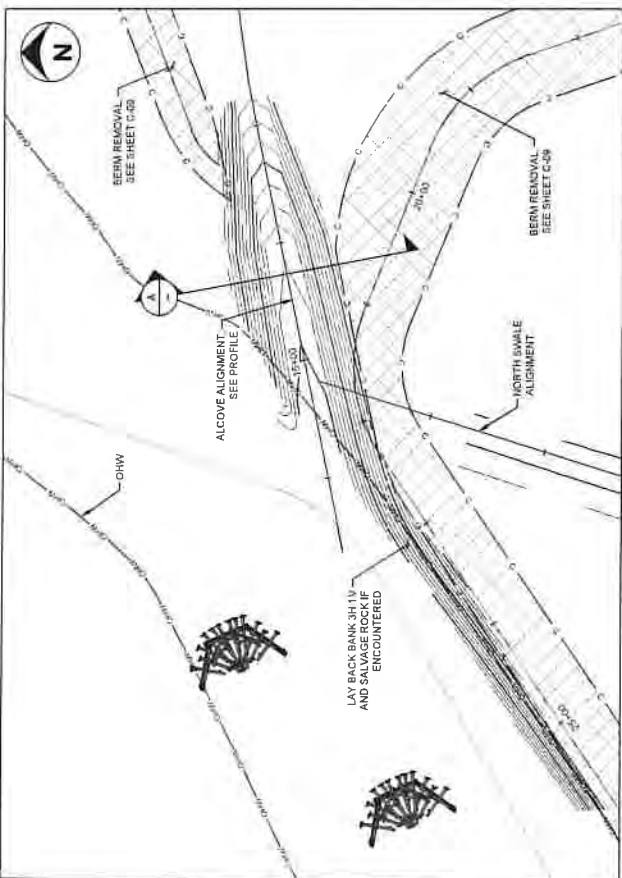
SHEET 11 OF 42



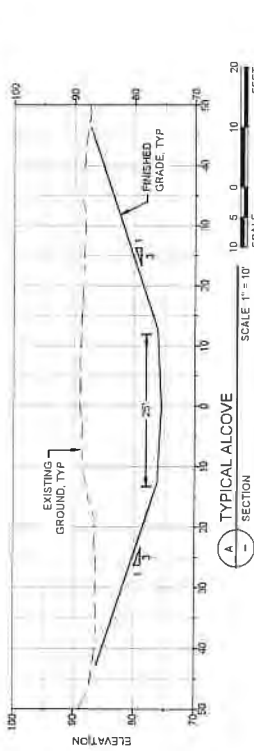
3 SIDE CHANNEL INLET PLAN SCALE 1" = 50'



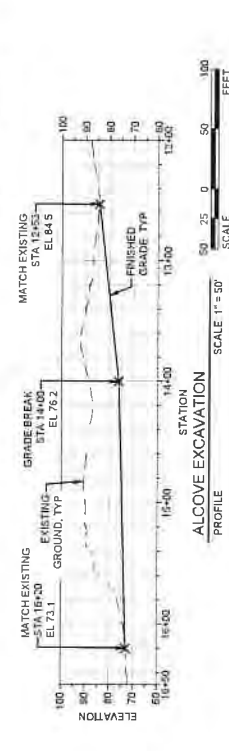
B SALVAGED RIPRAP PLACEMENT SECTION SCALE 1" = 10'



1 ALCOVE AND LAY BACK BANK PLAN SCALE 1" = 50'

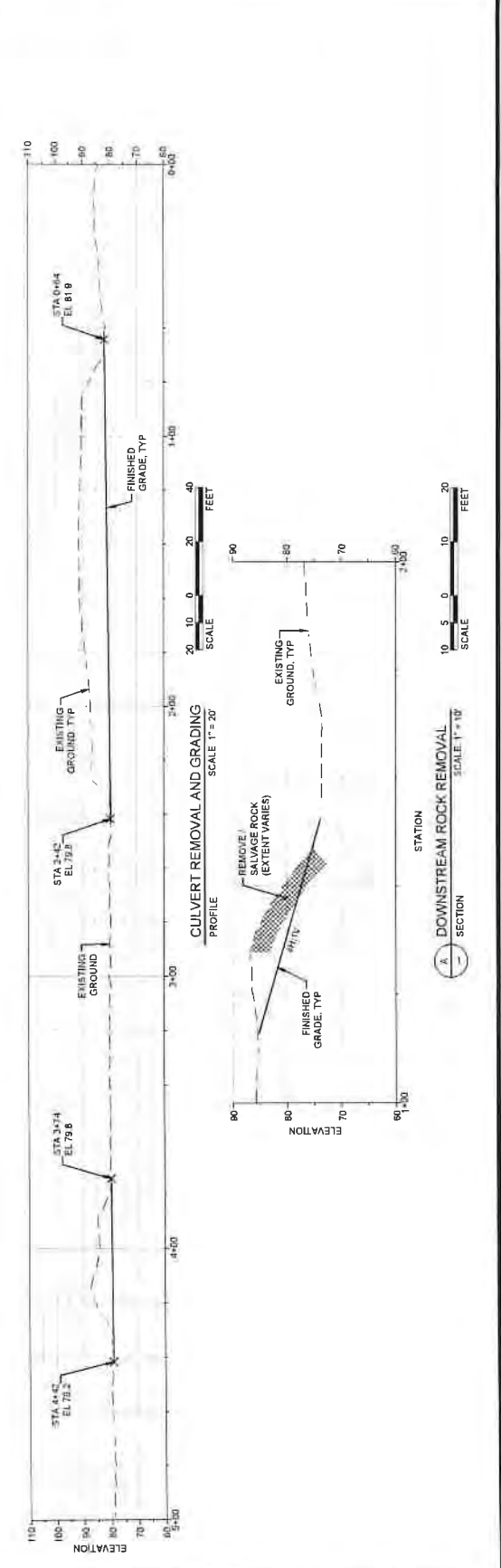


A TYPICAL ALCOVE SECTION SCALE 1" = 10'



ALCOVE EXCAVATION PROFILE SCALE 1" = 50'

- GENERAL NOTES
- SEE SHEET C-3 FOR ALIGNMENT, GRADING AND WOOD CONTROL POINT TABLES
 - THE CONTRACTOR SHALL INSTALL SALVAGED CONCRETE RUBBLE TO THE MINIMUM LENGTH AND THICKNESS ON THE DRAWING. THE CONTRACTOR MAY INCREASE LENGTH AND/OR THICKNESS AS NEEDED BASED ON SALVAGED QUANTITY





20700 HILLVIEW AVENUE
SUITE 100
VAN Nuys, CA 91411
TEL: 818.708.0000
WWW.ESACORP.COM



11/3/25



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON WA

PROJECT NAME

| REVISION | DATE | DESCRIPTION |
|----------|--------|-------------|
| 1 | 3/2/25 | REVISED |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

PROJECT NUMBER 0302100418
ISSUE DATE 2/4/2025

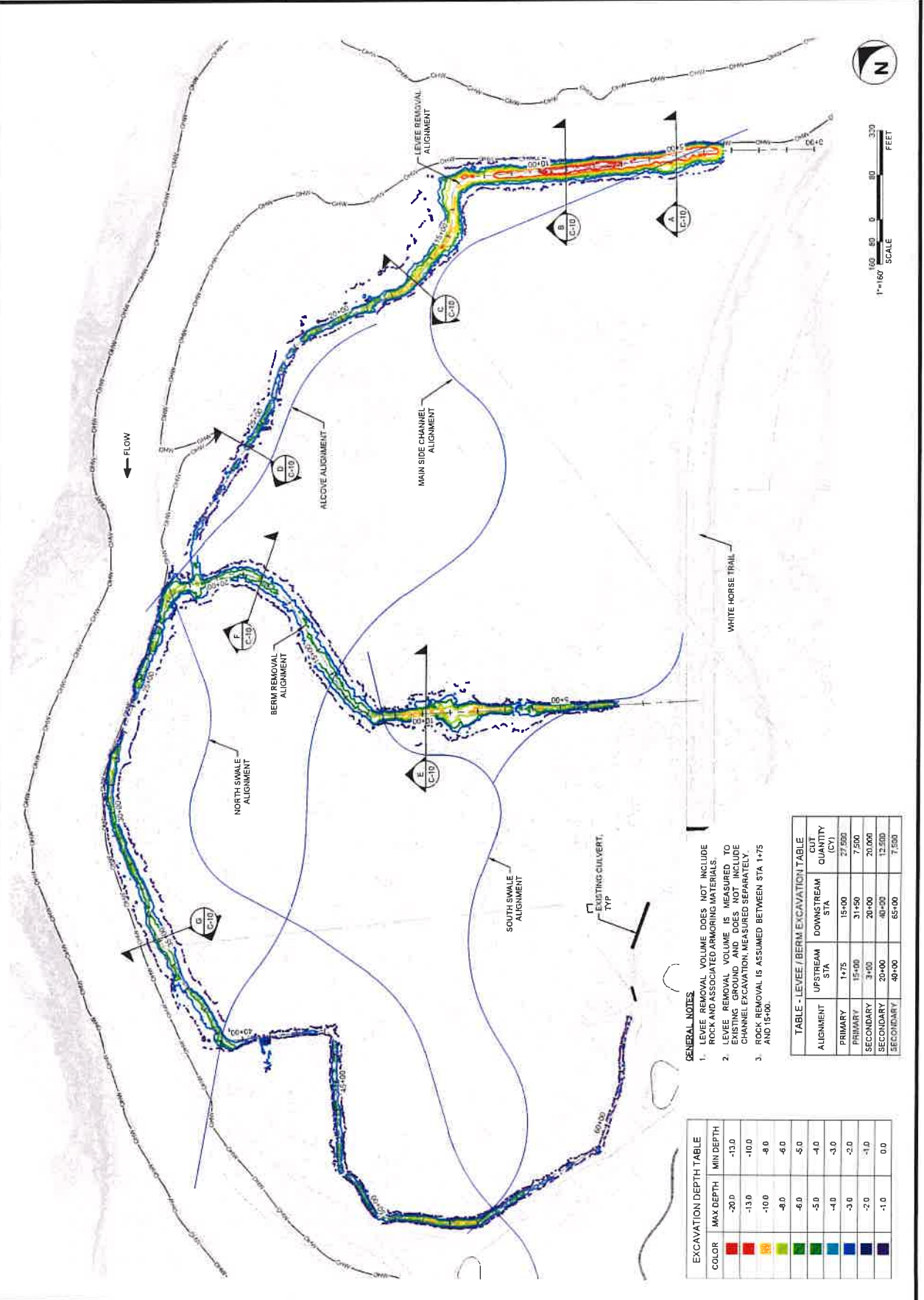
TEAM LEAD AS CONSULTANT
PLOT TO FULL SIZE (2" = 1')

PHASE
100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

LEVEE AND BERM
REMOVAL PLAN

SHEET NUMBER
C-09

SHEET 13 OF 42



- GENERAL NOTES**
- LEVEE REMOVAL VOLUME DOES NOT INCLUDE ROCK AND ASSOCIATED ARMORING MATERIALS.
 - LEVEE REMOVAL VOLUME IS MEASURED TO EXISTING GROUND AND DOES NOT INCLUDE CHANNEL EXCAVATION MEASURED SEPARATELY.
 - ROCK REMOVAL IS ASSUMED BETWEEN STA 1+75 AND 15+00.

| TABLE - LEVEE / BERM EXCAVATION TABLE | | |
|---------------------------------------|--------------|--------------|
| ALIGNMENT | UPSTREAM STA | DOWNSIDE STA |
| PRIMARY | 1+75 | 15+00 |
| SECONDARY | 15+00 | 31+50 |
| SECONDARY | 31+50 | 20+00 |
| SECONDARY | 20+00 | 40+00 |
| SECONDARY | 40+00 | 65+00 |

| EXCAVATION DEPTH TABLE | |
|------------------------|-----------|
| COLOR | MIN DEPTH |
| Red | -20.0 |
| Orange | -13.0 |
| Yellow | -10.0 |
| Green | -8.0 |
| Light Green | -6.0 |
| Dark Green | -5.0 |
| Blue | -4.0 |
| Light Blue | -3.0 |
| Dark Blue | -2.0 |
| Very Dark Blue | -1.0 |
| Black | 0.0 |



2015/01/01
10/11/25
OFFICE - 300 100-10
WWW.ESA-USA.COM



11/13/25



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUMISH RIVER
TRAFTON WA

PROJECT NAME

DATE

DESCRIPTION

1 2/2/25 BID ADDENDUM 1

DESIGNED GIV/DE

DRAWN GIV

CHECKED GIV

IN CHARGE SM

PROJECT NUMBER 0302000418

ISSUE DATE 3-4-2025

SHEET 10 OF 10 (CONTINUED)

PREPARED BY: GIV/DE

100% CONSTRUCTION

DOCUMENTATION

SHEET TITLE

LEVEE AND BERM

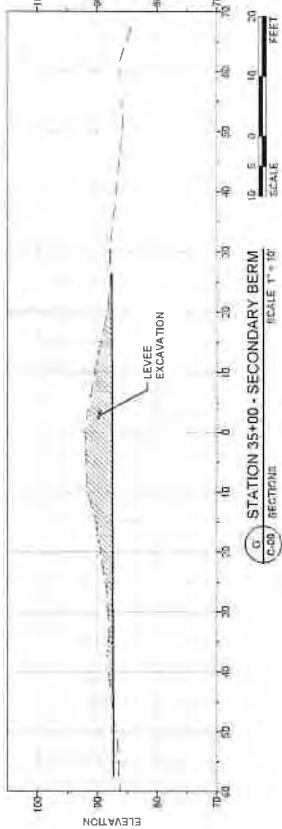
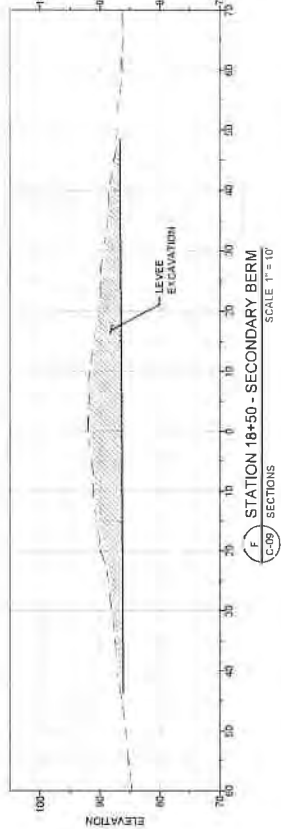
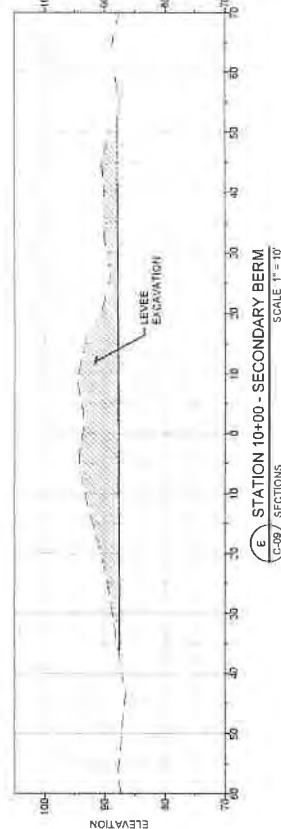
REMOVAL -

SECTIONS

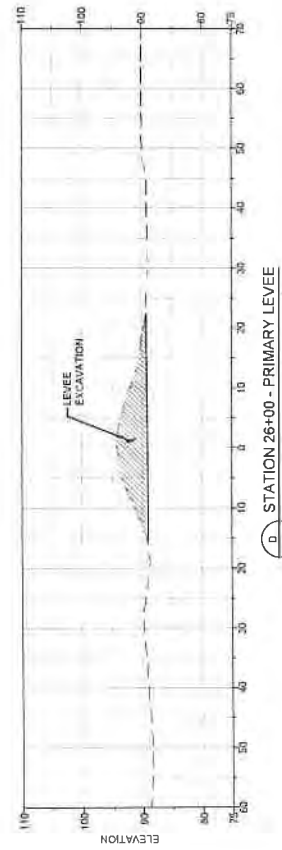
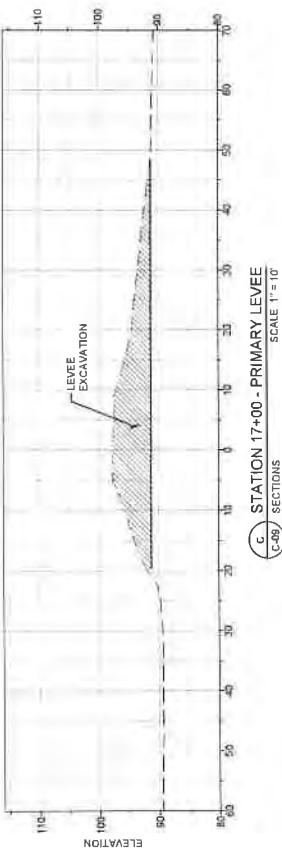
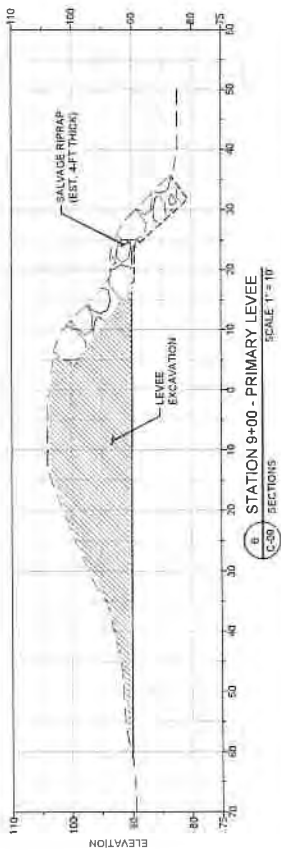
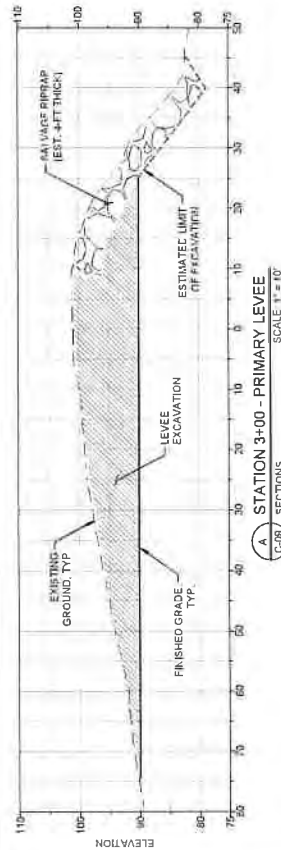
SHEET NUMBER

C-10

SHEET 14 OF 42



- GENERAL NOTES**
1. SECTIONS ARE ORIENTED LOOKING DOWNSTREAM (LEFT TO RIGHT)
 2. SECTIONS DEPICT LEVEE EXCAVATION AND ROCK REMOVAL ONLY. CHANNEL EXCAVATION, ASSOCIATED FLOODPLAIN GRADING OR FILL FEATURES ARE NOT SHOWN. REFER TO THE SITE PLAN FOR ADDITIONAL REQUIREMENTS.
 3. SEE SECTION 2403.300 OF THE PROJECT SPECIFICATIONS FOR RIPRAP REMOVAL AND SALVAGE REQUIREMENTS.





NOV 14, 2017
DATE
SEATTLE, WA
WWW.ESA-SE.COM



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER

REVISIONS
DATE DESCRIPTION
1 3/28/18 BID ADDENDUM 1

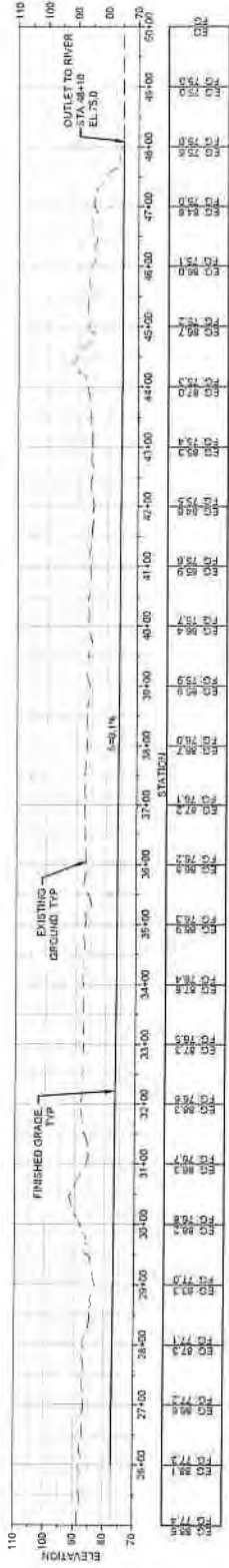
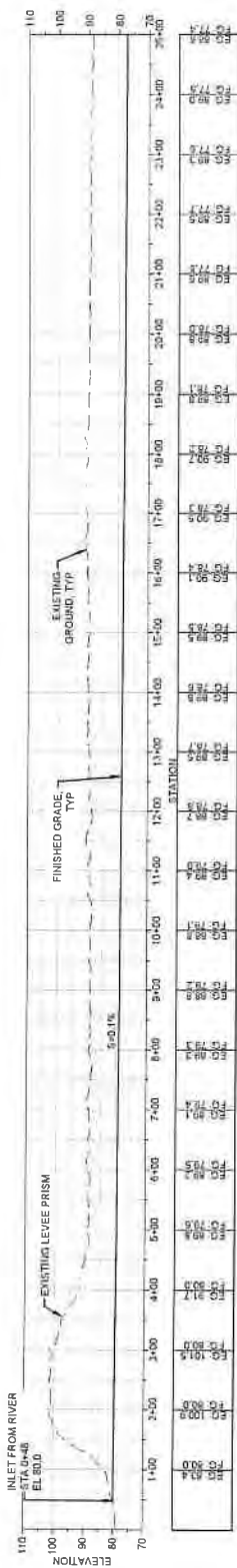
DESIGNED GW/DE
DRAWN GW
CHECKED CM
IN CHARGE SM

PROJECT NUMBER D020100418
ISSUE DATE 2/4/2025
SCALE 1/8" = 1'-0" (PLAN)
SCALE 1/4" = 1'-0" (SECTION)

PHASE
100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

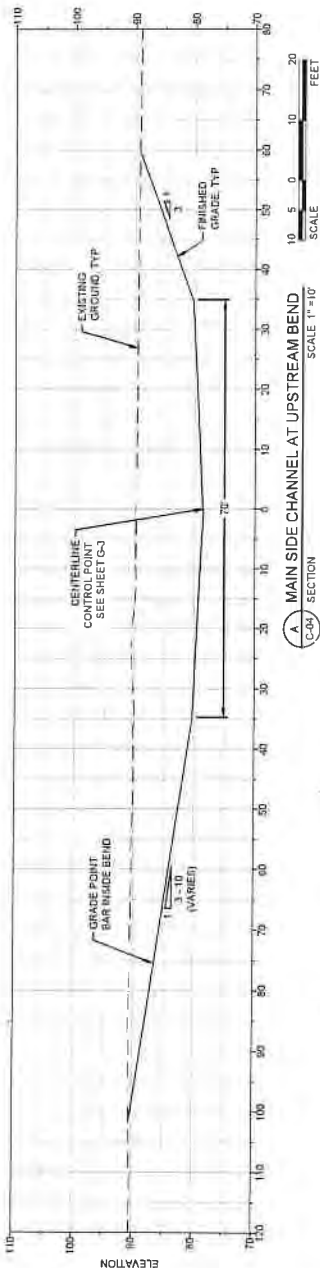
SIDE CHANNEL -
PROFILE AND
SECTIONS

SHEET NUMBER
C-11
SHEET 15 OF 42

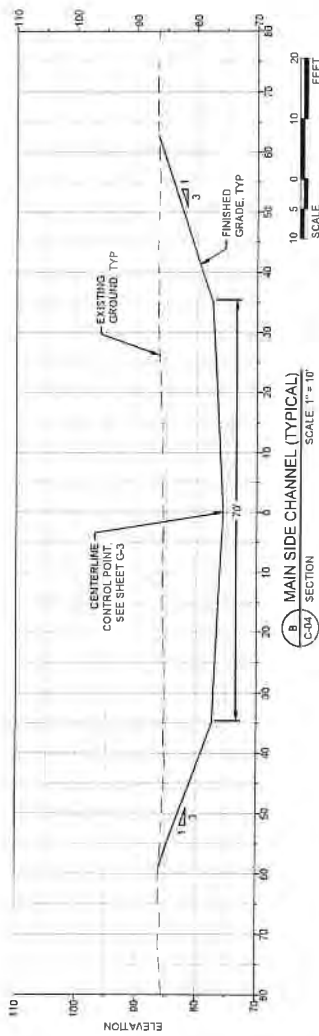


PI MAIN SIDE CHANNEL
SCALE 1" = 100'

- GENERAL NOTES
1. SECTIONS ARE ORIENTED LOOKING DOWNSTREAM (LEFT TO RIGHT)
 2. LOW FLOW CHANNEL AND LOCALIZED POOLS NEAR EL 100 NOT SHOWN. CONTRACTOR TO GRADE LOW FLOW CHANNEL COMPLEXITY AS DIRECTED BY THE ENGINEER



A MAIN SIDE CHANNEL AT UPSTREAM BEND
SCALE 1" = 10'

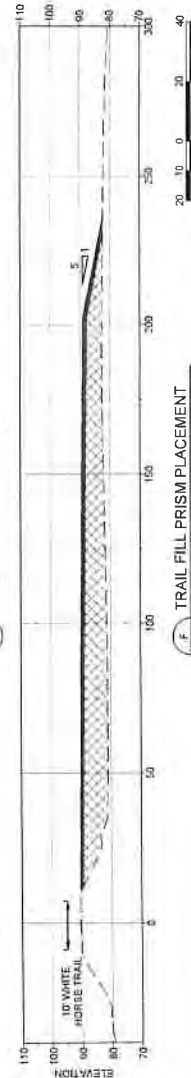
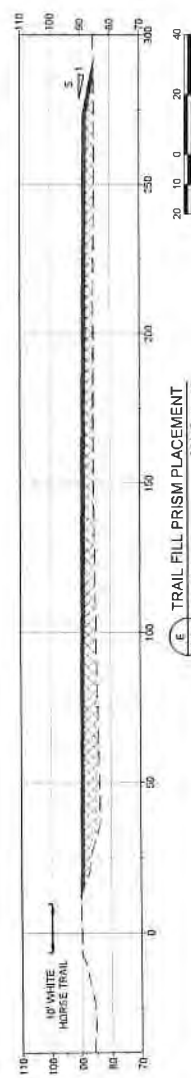
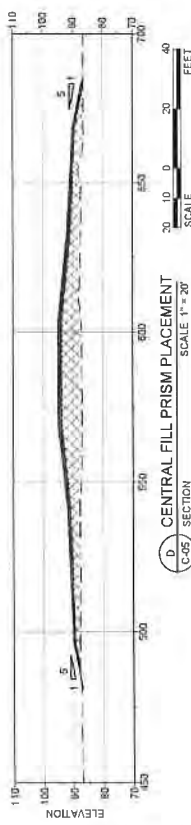
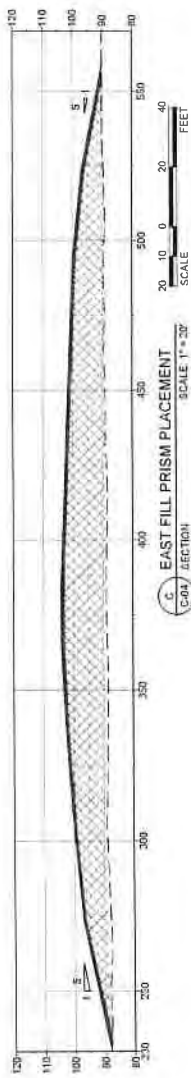
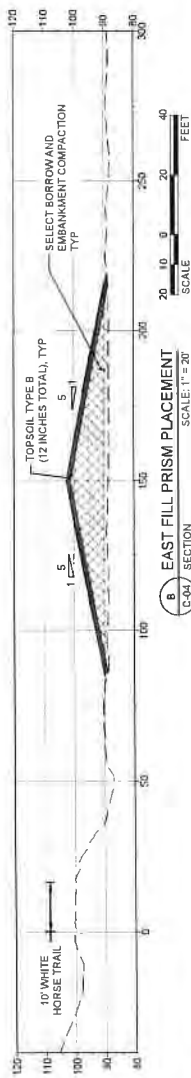
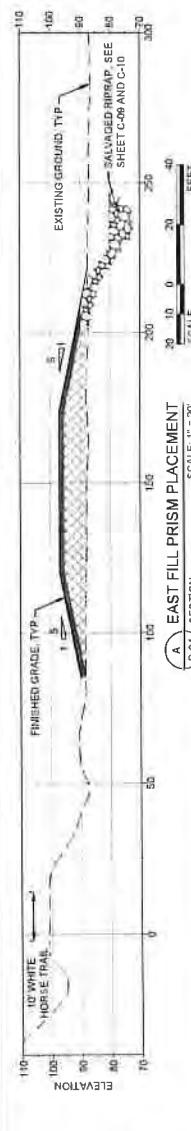


B MAIN SIDE CHANNEL (TYPICAL)
SCALE 1" = 10'



GENERAL NOTES

- 1 SOIL PLACEMENT AREAS ARE APPROXIMATE. THE INTENT IS TO BALANCE ALL EXCAVATION GENERATED ON-SITE AND PLACE SELECT BORROW UNDERNEATH TOPSOIL.
- 2 SELECT BORROW SHALL BE GENERATED FROM EXCAVATION AND COMPACTED PER STANDARD SPECIFICATIONS.
- 3 TOPSOIL TYPE B SHALL BE GENERATED FROM CLEARING AND GRADING OPERATIONS, STRIPPED AND COMPACTED TO 85% RELATIVE DENSITY.
- 4 REFER TO SECTION B42 IN THE SPECIAL PROVISIONS FOR TOPSOIL PLACEMENT REQUIREMENTS.
- 5 THE OWNER SHALL WORK WITH THE CONTRACTOR TO BURY IDENTIFY TOPSOIL THAT IS WEED-PRONE FOR DEEP BURIAL A MINIMUM OF 4 FEET BELOW FINISHED GRADE. BURIAL OF THIS MATERIAL IS NOT SHOWN ON THIS SHEET.
- 6 THE PROJECT REPRESENTATIVE MAY DIRECT THE CONTRACTOR TO MICRO TOPOGRAPHY AT THE TOP OF FILL PRISMS.





2015 KALAMAY
SEATTLE WA 98109
206.455.5500
WWW.ESA-SEATTLE.COM



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

PROJECT NAME
TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

DESIGNED: GW/DE
DRAWN: GW
CHECKED: CM
IN CHARGE: SM

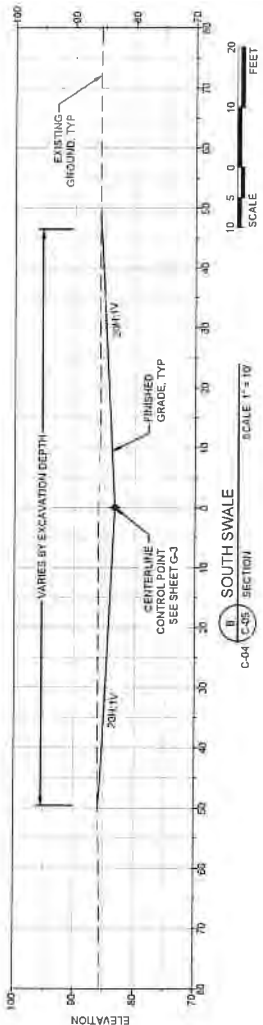
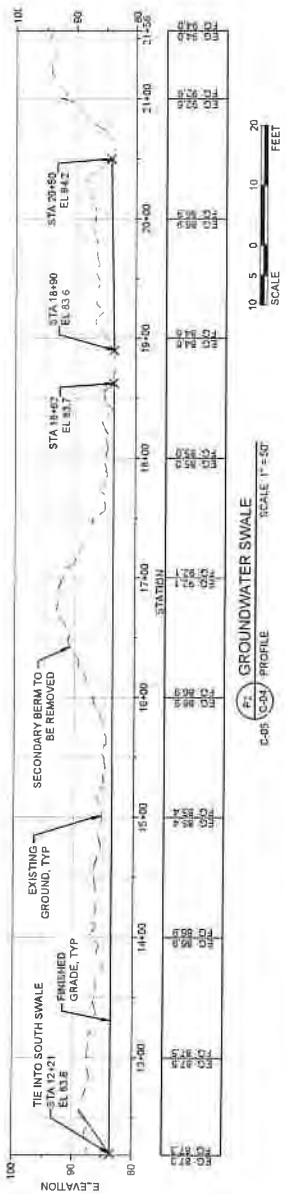
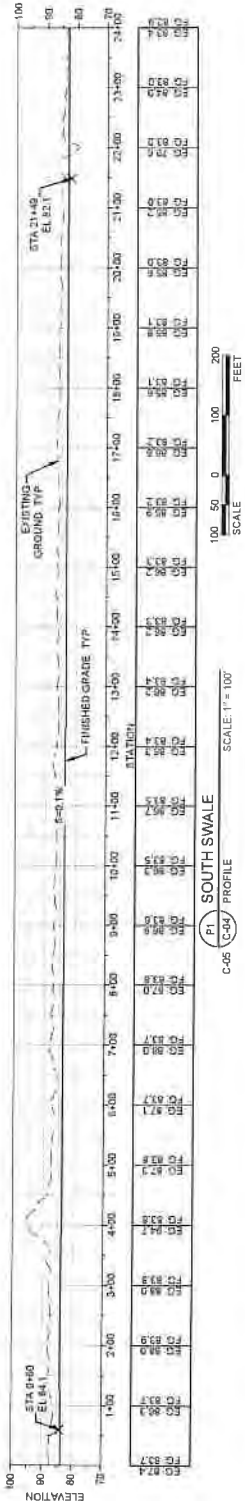
PROJECT NUMBER: 0000000410
SHEET NUMBER: 240025
SCALE FOR ALL DIMENSIONS:
NOTED TO FIGURES (2"=1')

100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

SWALE GRADING -
PROFILE AND
SECTIONS (1)

SHEET NUMBER
C-13

SHEET 17 OF 42



GENERAL NOTES
1. SECTIONS ARE ORIENTED LOOKING DOWNSTREAM
(LEFT TO RIGHT)



207 ALASKA HWY
SUITE 200
OFFICE 300.788.9458
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TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

PROJECT NAME

SECTION

DATE DESCRIPTION

1 3/2/25 BID ADDENDUM 1

DESIGNED GW/DE

DRAWN GW

CHECKED GW

IN CHARGE SM

PROJECT NUMBER D20210418

ISSUE DATE 2/4/2025

DESIGNED BY GW/DE

DRAWN BY GW

CHECKED BY GW

IN CHARGE BY SM

PROJECT NUMBER D20210418

ISSUE DATE 2/4/2025

DESIGNED BY GW/DE

DRAWN BY GW

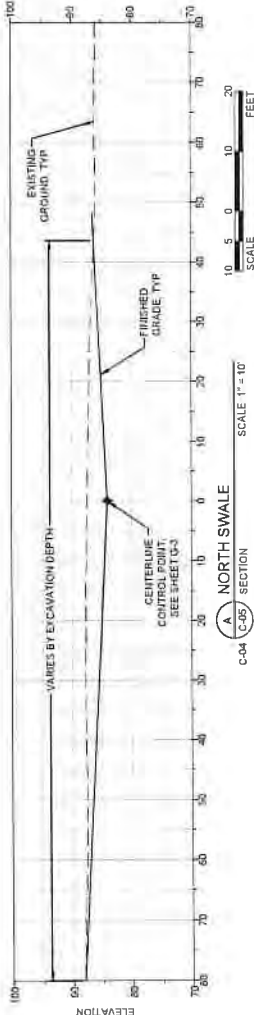
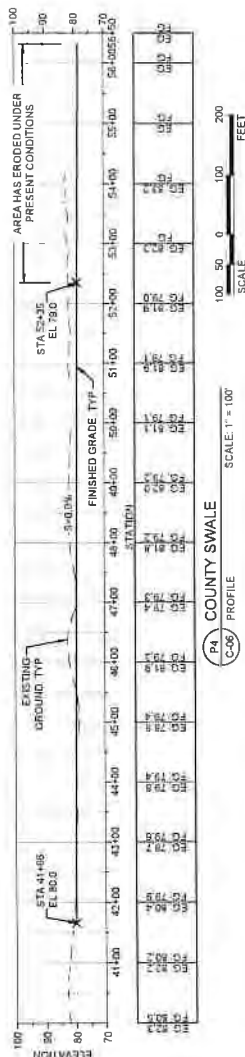
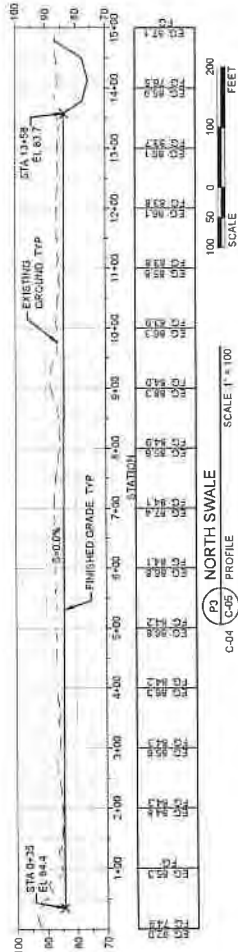
CHECKED BY GW

IN CHARGE BY SM

PROJECT NUMBER D20210418

ISSUE DATE 2/4/2025

GENERAL NOTES
1 SECTIONS ARE ORIENTED LOOKING DOWNSTREAM
(LEFT TO RIGHT)







TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

| DATE | DESCRIPTION |
|----------|-------------|
| 11/1/74 | 100.00 |
| 11/2/74 | 100.00 |
| 11/3/74 | 100.00 |
| 11/4/74 | 100.00 |
| 11/5/74 | 100.00 |
| 11/6/74 | 100.00 |
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| 11/9/74 | 100.00 |
| 11/10/74 | 100.00 |
| 11/11/74 | 100.00 |
| 11/12/74 | 100.00 |
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| 3/3/75 | 100.00 |
| 3/4/75 | 100.00 |
| 3/5/75 | 100.00 |
| 3/ | |

3275 BID ADDITIONAL

| DESIGNED | GW/DE |
|----------|-------|
| RAVVI | GW |

| | |
|--------|----|
| HECKED | CM |
| CHARGE | SM |

PROJECT NUMBER D2021004

SIZE DATE 24/2025

14-00000

100% CONSTRUCTION

DOCUMENTATION

100

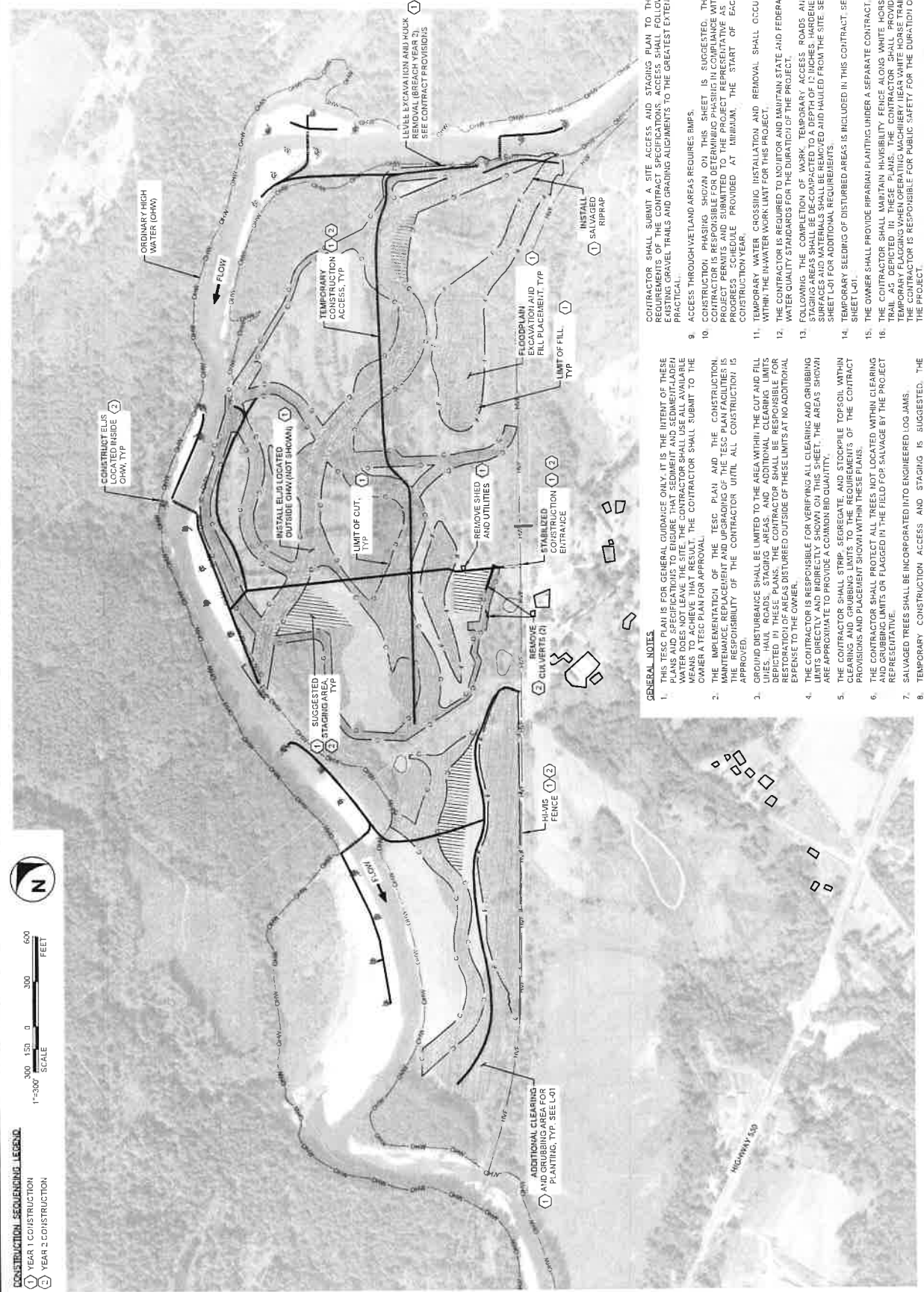
SUGGESTED SEQUENCING AND

TESC OVERVIEW

— 115 —

C-16

SHEET 20 OF 42



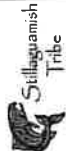
- THE CONTRACTOR SHALL SUBMIT A SITE ACCESS AND STAGING PLAN TO THE DISTRICT ENGINEER FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL FOLLOW THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS, ACCESS SHALL FOLLOW THE DISTRICT ENGINEER'S RECOMMENDATIONS AND SHALL FOLLOW THE DISTRICT ENGINEER'S RECOMMENDATIONS TO THE GREATEST EXTENT PRACTICAL.
- ACCESS THROUGH WETLAND AREAS REQUIRES RMP'S, CONSTRUCTION PLANNING, SHOWN ON THIS SHEET IS SUGGESTED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANNING IN COMPLIANCE WITH PROJECT PERMITS AND SUBMITTED TO THE PROJECT REPRESENTATIVE AS PROGRESS SCHEDULE PROVIDED AT MINIMUM, THE START OF EACH CONSTRUCTION YEAR.
- TEMPORARY WATER CROSSING INSTALLATION AND REMOVAL SHALL OCCUR WITHIN THE WATER WORK LIMIT FOR THIS PROJECT.
- THE CONTRACTOR IS REQUIRED TO OBTAIN A PERMIT FROM THE STATE AND FEDERAL AGENCIES FOR THE CONSTRUCTION OF TEMPORARY ACCESS ROADS AND STAGING AREAS. THE COMPLETION OF WORK, TEMPORARY ACCESS ROADS AND STAGING AREAS SHALL BE DECOMPACTED TO A DEPTH OF 12 INCHES. HARDENED SURFACES AND MATERIALS SHALL BE REMOVED AND HAULED FROM THE SITE SEE SHEET L-01 FOR ADDITIONAL REQUIREMENTS.
- TEMPORARY SEEDING OF DISTURBED AREAS IS INCLUDED IN THIS CONTRACT. SEE SHEET L-01.
- THE OWNER SHALL PROVIDE RIPARIAN PLANTING UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL MAINTAIN HIBISCUS PLANTING ALONG WATER HORSING TRAIL AS DEPICTED IN THESE PLANS. THE CONTRACTOR SHALL PROVIDE A 10' BUFFER ZONE FROM THE TRAIL TO THE ADJACENT WETLANDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PUBLIC SAFETY FOR THE DURATION OF THE PROJECT.

- ### GENERAL NOTES
1. THIS PLAN IS FOR GENERAL GUIDANCE ONLY. IT IS THE INTENT OF THESE SPECS AND SPECIFICATIONS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE. THE CONTRACTOR SHALL USE ALL AVAILABLE MEANS TO PREVENT SEDIMENT FROM LEAVING THE SITE. THE CONTRACTOR SHALL SUBMIT TO THE OWNER A TEMP PLAN FOR APPROVAL.
 2. THE IMPLEMENTATION OF THE TESC PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THE TESC PLAN FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
 3. GROUND DISTURBANCE SHALL BE LIMITED TO THE AREA WITHIN THE CUT AND FILL AREAS SHOWN ON THIS SHEET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF AREAS DISTURBED OUTSIDE OF THESE LIMITS AT NO ADDITIONAL EXPENSE TO THE OWNER.
 4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL CLEARING AND GRUBBING LIMITS DIRECTLY AND INDIRECTLY SHOWN ON THIS SHEET. THE AREAS SHOWN ARE APPROXIMATE TO PROVIDE A COMMON-SENSE QUANTITY.
 5. THE CONTRACTOR SHALL STUMP, SEVERE, AND STOCKPILE TOPSOIL WITHIN THE LIMITS OF THE TESC PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISIONS AND PLACEMENT SHOWN WITHIN THESE PLANS.
 6. THE CONTRACTOR SHALL PROTECT ALL TREES NOT LOCATED WITHIN CLEARING AND GRUBBING LIMITS OR FLAGGED IN THE FIELD FOR SALVAGE BY THE PROJECT REPRESENTATIVE.
 7. SALVAGED TREES SHALL BE INCORPORATED INTO ENGINEERED LOGJAMS.
 8. TEMPORARY CONSTRUCTION ACCESS AND STAGING IS REQUIRED.
 9. TEMPORARY CONSTRUCTION ACCESS AND STAGING IS REQUIRED.

-



1/13/25



TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

TR4FTCN V/4

| REVISED | | # | DATE | DESCRIPTION |
|---------|--|---|--------|----------------|
| | | 1 | 3/2/25 | BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

PROJECT NUMBER D02100416
ISSUE DATE 04/2025
PLEASE RETURN TO: WASHINGTON
BUREAU OF PUBLIC UTILITIES 1100

100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

SITE PREPARATION AND TESC - 1

C-17

SHEET 21 OF 42



MATCHLINE - SEE SHEET C-18



200 ALLEGANY
COUNTY, PA
OFFICE OF THE
SHERIFF



11/1/25
Sullivan
Tribe

TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON, WA

PROJECT NAME
DATE DESCRIPTION
1 2/2/25 BID ADDENDUM 1

DESIGNED BY/DE
DRAWN BY/CM
CHECKED BY/CM
IN CHARGE SM

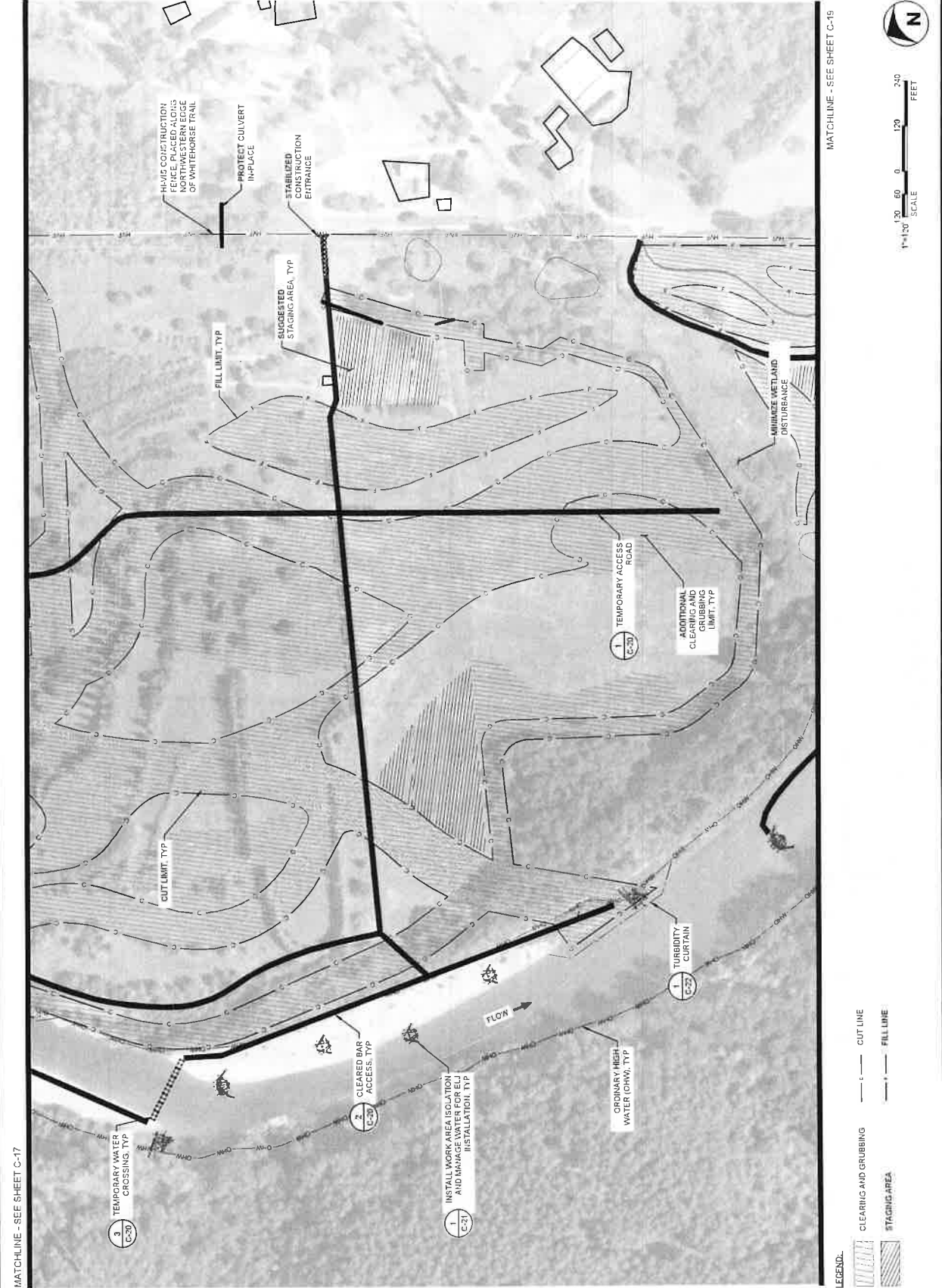
PROJECT NUMBER 000100418
DATE 2-4-2025
PROJECT LOCATION
PROJECTED TO DATE 02/04/25

100% CONSTRUCTION
DOCUMENTATION
SHEET NAME

SITE PREPARATION
AND TESC - 2

SHEET NUMBER
C-18

SHEET 22 OF 42

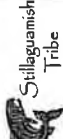




ENVIRONMENTAL
SCIENCE & ANALYSIS
WASHINGTON STATE
OFFICE OF THE
GOVERNMENT
COUNSEL



11/13/25



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON, WA

PROJECT NAME

REVISION

DATE DESCRIPTION

1 2/25 BID ADDENDUM 1

DESIGNED GW DE

DRAWN DW

CHECKED CM

IN CHARGE SM

PROJECT NUMBER D02100418

DATE 2/4/2025

SCALE AS SHOWN ON SHEET

POSTED TO FIRM WEBSITE

100% CONSTRUCTION

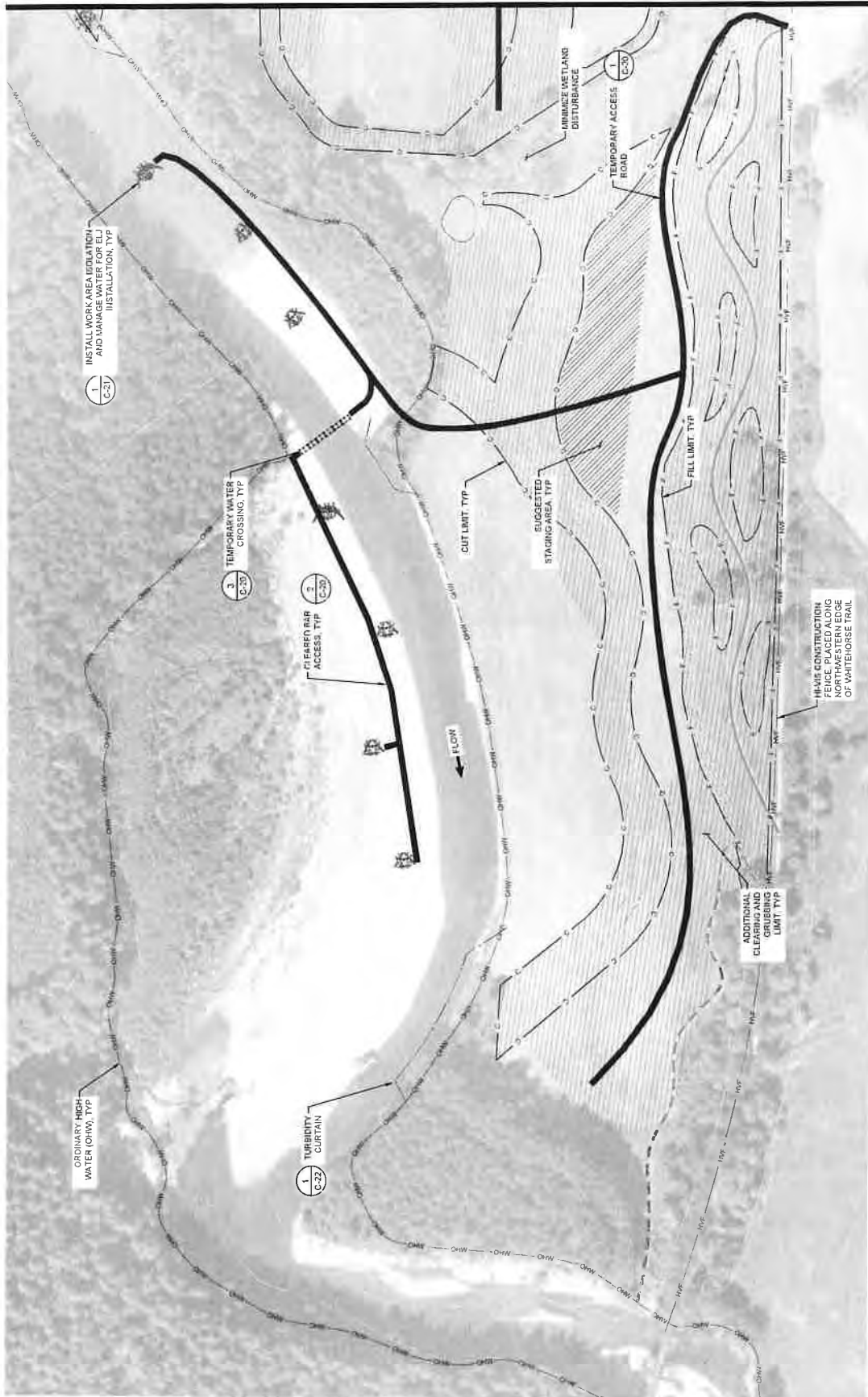
DOCUMENTATION

SHEET TITLE

SITE PREPARATION
AND TESC - 3

C-19

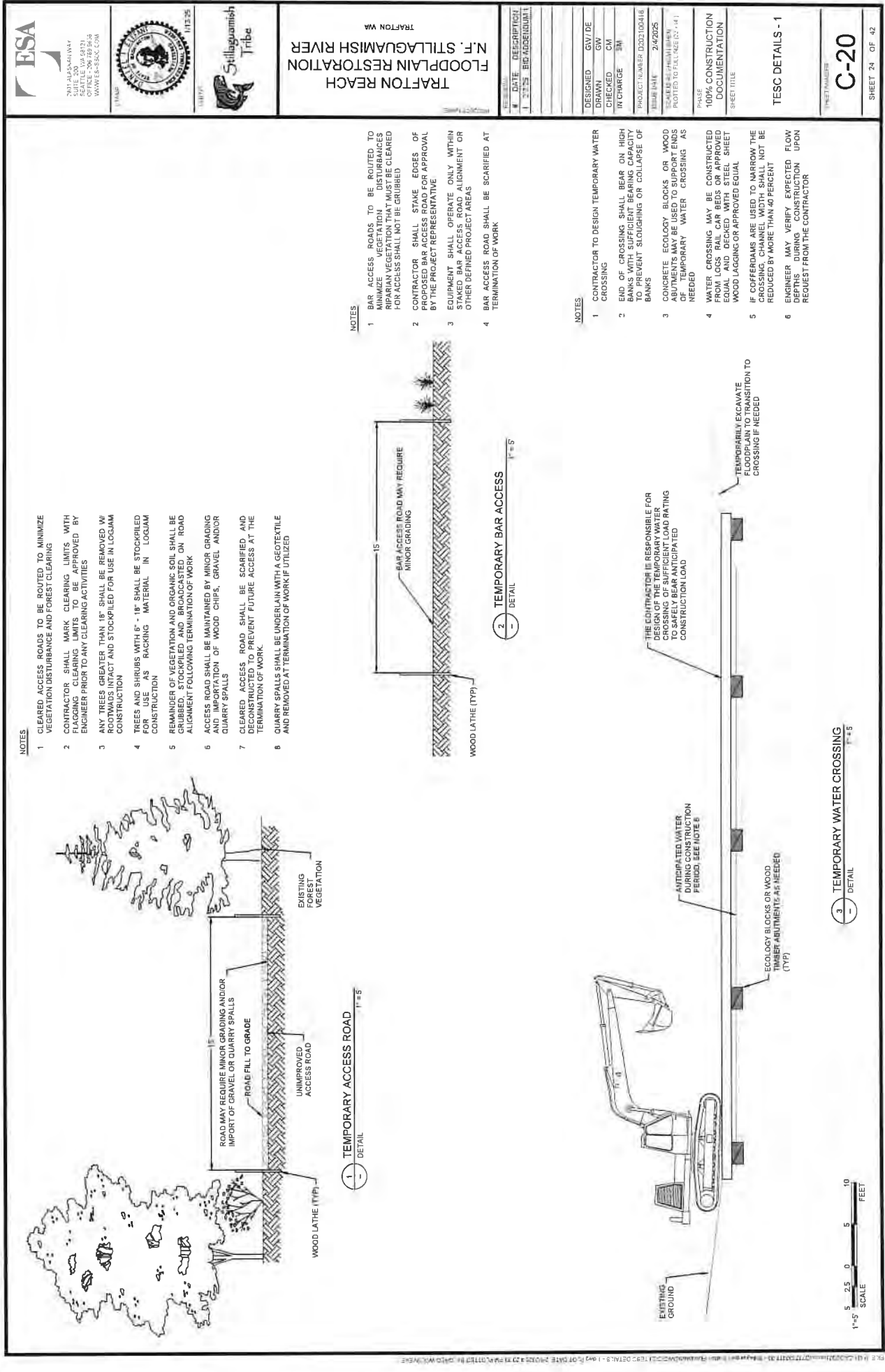
SHEET 23 OF 42



MATCHLINE - SEE SHEET C-19

LEGEND

- CLEARING AND GRUBBING
- CUT LINE
- STAGING AREA
- FILL LINE



NOTES

- 1 CLEARED ACCESS ROADS TO BE ROUTED TO MINIMIZE VEGETATION DISTURBANCE AND FOREST CLEARING
- 2 CONTRACTOR SHALL MARK CLEARING LIMITS WITH FLAGGING CLEARING LIMITS TO BE APPROVED BY ENGINEER PRIOR TO ANY CLEARING ACTIVITIES
- 3 ANY TREES GREATER THAN 18" SHALL BE REMOVED W/ REMOVAL CONTRACT AND STOCKPILED FOR USE IN LOGJAM CONSTRUCTION
- 4 TREES AND SHRUBS WITH 6" - 18" SHALL BE STOCKPILED FOR USE AS RACKING MATERIAL IN LOGJAM CONSTRUCTION
- 5 REMAINDER OF VEGETATION AND ORGANIC SOIL SHALL BE GRUBBED, STOCKPILED AND BROADCASTED ON ROAD ALIGNMENT FOLLOWING TERMINATION OF WORK
- 6 ACCESS ROAD SHALL BE MAINTAINED BY MINOR GRADING AND IMPORTATION OF WOOD CHIPS, GRAVEL AND/OR QUARRY SPALLS
- 7 CLEARED ACCESS ROAD SHALL BE SCARIFIED AND DECONSTRUCTED TO PREVENT FUTURE ACCESS AT THE TERMINATION OF WORK
- 8 QUARRY SPALLS SHALL BE UNDERLAIN WITH A GEOTEXTILE AND REMOVED AT TERMINATION OF WORK IF UTILIZED

NOTES

- 1 BAR ACCESS ROADS TO BE ROUTED TO MINIMIZE VEGETATION DISTURBANCE AND FOREST CLEARING
- 2 CONTRACTOR SHALL MARK CLEARING LIMITS WITH FLAGGING CLEARING LIMITS TO BE APPROVED BY ENGINEER PRIOR TO ANY CLEARING ACTIVITIES
- 3 ANY TREES GREATER THAN 18" SHALL BE REMOVED W/ REMOVAL CONTRACT AND STOCKPILED FOR USE IN LOGJAM CONSTRUCTION
- 4 TREES AND SHRUBS WITH 6" - 18" SHALL BE STOCKPILED FOR USE AS RACKING MATERIAL IN LOGJAM CONSTRUCTION
- 5 REMAINDER OF VEGETATION AND ORGANIC SOIL SHALL BE GRUBBED, STOCKPILED AND BROADCASTED ON ROAD ALIGNMENT FOLLOWING TERMINATION OF WORK
- 6 ACCESS ROAD SHALL BE MAINTAINED BY MINOR GRADING AND IMPORTATION OF WOOD CHIPS, GRAVEL AND/OR QUARRY SPALLS
- 7 CLEARED ACCESS ROAD SHALL BE SCARIFIED AND DECONSTRUCTED TO PREVENT FUTURE ACCESS AT THE TERMINATION OF WORK
- 8 QUARRY SPALLS SHALL BE UNDERLAIN WITH A GEOTEXTILE AND REMOVED AT TERMINATION OF WORK IF UTILIZED

2 TEMPORARY BAR ACCESS
DETAIL
1"=5'

NOTES

- 1 CONTRACTOR TO DESIGN TEMPORARY WATER CROSSING
- 2 END OF CROSSING SHALL BEAR ON HIGH BANKS WITH SUFFICIENT BEARING CAPACITY TO PREVENT SLOUGHING OR COLLAPSE OF BANKS
- 3 CONCRETE ECOCLOGY BLOCKS OR WOOD ABUTMENTS MAY BE USED TO SUPPORT ENDS OF TEMPORARY WATER CROSSING AS NEEDED
- 4 WATER CROSSING MAY BE CONSTRUCTED FROM LOGS RAIL CAR BEDS OR APPROVED EQUAL AND DECIDED WITH STEEL SHEET PILING OR APPROVED EQUAL
- 5 IF COFFERDAMS ARE USED TO NARROW THE CROSSING, CHANNEL WIDTH SHALL NOT BE REDUCED BY MORE THAN 40 PERCENT
- 6 ENGINEER MAY VERIFY EXPECTED FLOW DEPTHS DURING CONSTRUCTION UPON REQUEST FROM THE CONTRACTOR

3 TEMPORARY WATER CROSSING
DETAIL
1"=5'

1"=5' SCALE
0 5 10
FEET

2017 ALASKA
SEATTLE, WA 98121
WWW.ESA-USA.COM

Stillaguamish
Tribe

TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFTON WA

| NO. | DATE | DESCRIPTION |
|-----|--------|----------------|
| 1 | 2/2/25 | BID ADDENDUM 1 |

| | |
|-----------|-------|
| DESIGNED | GW/DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | EM |

| | |
|----------------------|-------------|
| PROJECT NUMBER | D002100418 |
| ISSUE DATE | 2/4/2025 |
| SCALE | AS SHOWN |
| PLotted TO FULL SIZE | (24" x 36") |

100% CONSTRUCTION DOCUMENTATION

SHEET TITLE

TESC DETAILS - 1

C-20

SHEET 24 OF 42



ES&S
ENVIRONMENTAL
SCIENCE & SERVICES
10000 1st Avenue, Suite 200
Seattle, WA 98108
206.465.1100
www.esand.com



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON, WA

| REVISION | DATE | DESCRIPTION |
|----------|--------|----------------|
| 1 | 2/2/25 | BID ADDENDUM 1 |

| DESIGNED | GW/DE |
|-----------|-------|
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

PROJECT NUMBER D302100418
ISSUE DATE 2/4/2025
SCALE: AS SHOWN
PLOT TO FULL SIZE (2" = 3')

100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

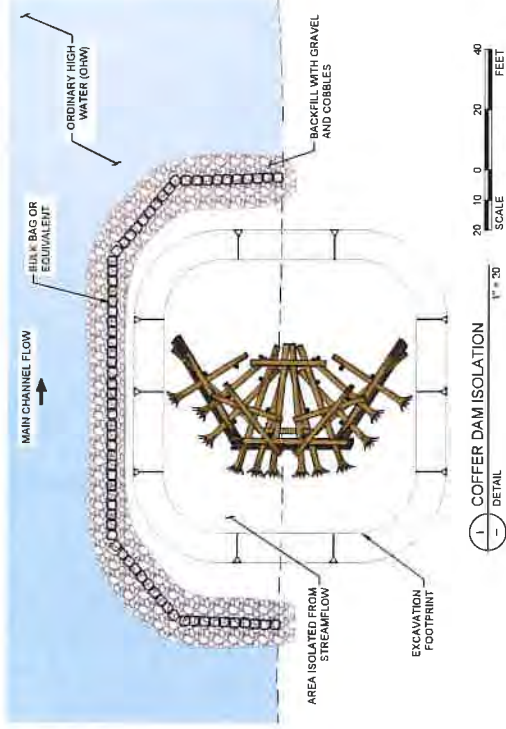
TESC DETAILS - 2

C-21

SHEET 25 OF 42

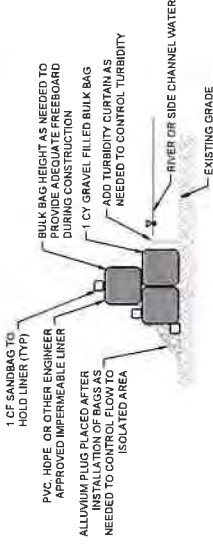
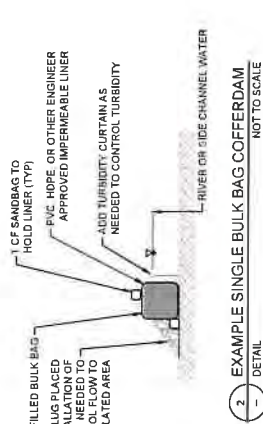
NOTES

1. SAMPLE SITE ISOLATION METHODS LISTED IN THE ATTACHED DOCUMENTS. DURING RIVER CHANNEL RESTORATION, CONSTRUCTION CONDITIONS AND ARE SUBJECT TO CHANGE BASED ON SITE CONDITIONS AND DESIGN. THE CONTRACTOR'S RESPONSIBILITY TO DESIGN AND MANAGE WATER MANAGEMENT METHODS TO MEET THE REQUIREMENTS OF ALL PERMITS AND STATE WATER QUALITY REQUIREMENTS.



NOTES

1. PLACER REMOVE ALLUVIUM AS LAST/FIRST STEP OF BULK BAG ISOLATION SYSTEM INSTALLATION/REMOVAL.
2. ONLY INSTALL SINGLE BULK BAG ISOLATION WHERE WATER DEPTH IS EXPECTED TO BE LESS THAN 2 FEET. IF GREATER THAN 2 FEET, USE MULTIPLE BULK BAG COFFER DAM.



3. EXAMPLE MULTIPLE BULK BAG COFFERDAM
DETAIL
NOT TO SCALE



1800-456-6464
STATE OF WA
OFFICE 206-789-9443
WWW.ESA5C.COM



TRAFON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER
TRAFON, WA

| DATE | DESCRIPTION |
|----------|----------------|
| 1 2/1/25 | ING ADDITIONAL |

| | |
|-----------|--------|
| DESIGNED | DAY DE |
| DRAWN | DAY DE |
| CHECKED | DAY DE |
| IN CHARGE | DAY DE |

PROJECT NUMBER: D202100416

ISSUE DATE: 2-4-2025

SCALE: AS SHOWN

DATE: 2/4/2025

PROJECT: 100% CONSTRUCTION DOCUMENTATION

SHEET TITLE

TESC DETAILS - 3

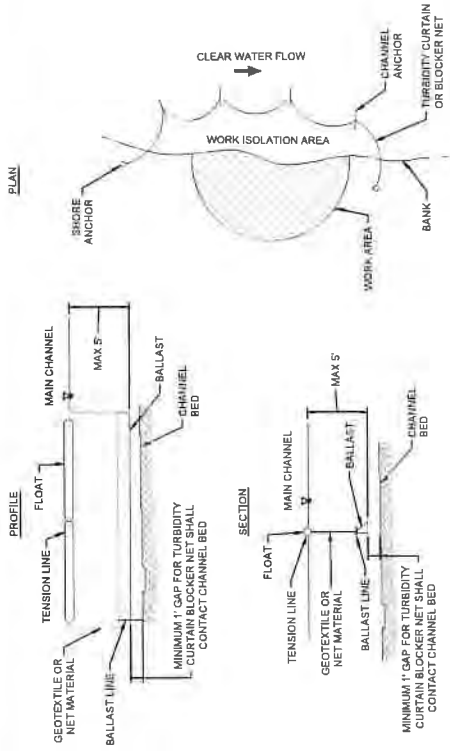
SHEET NUMBER

C-22

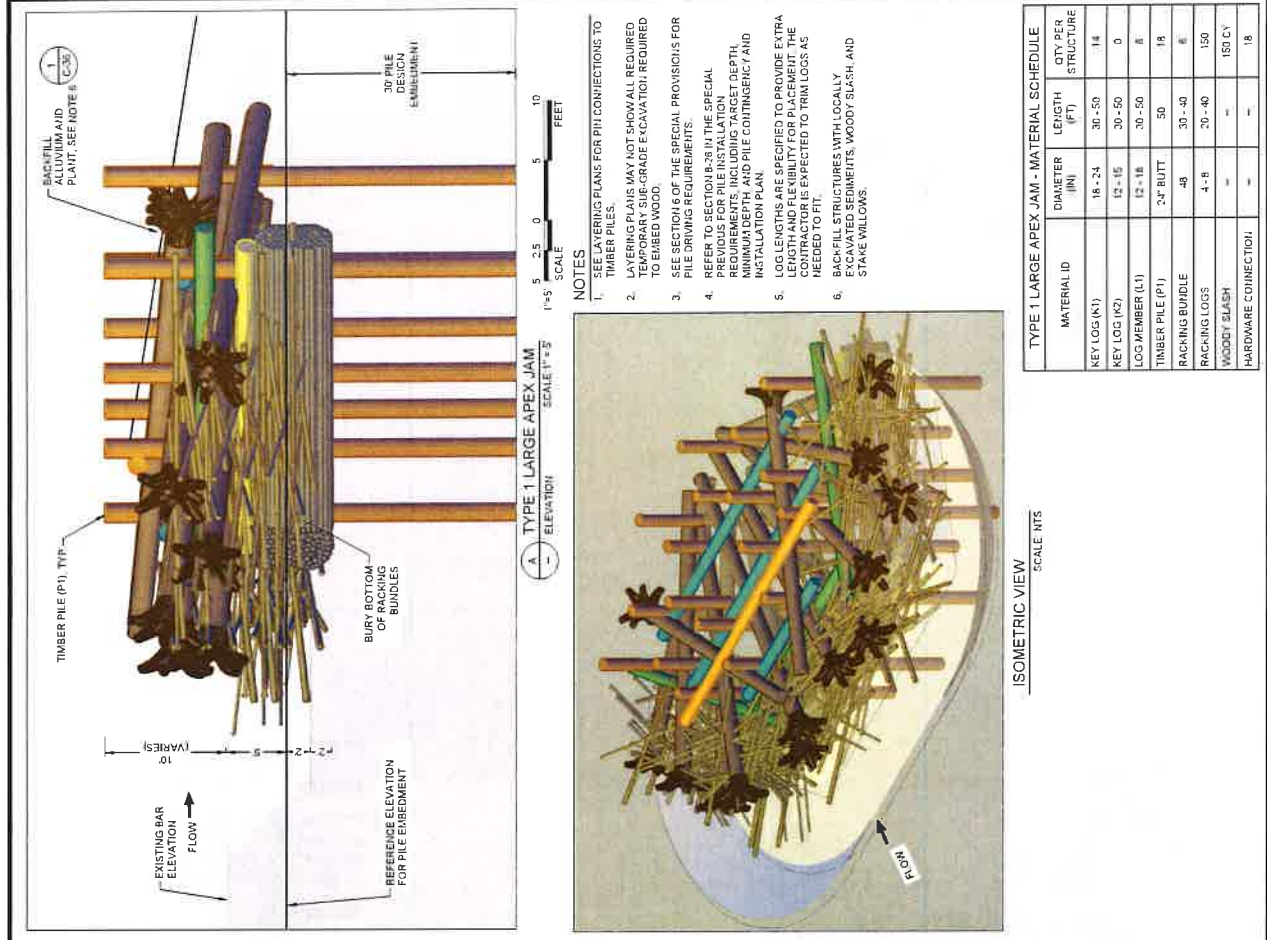
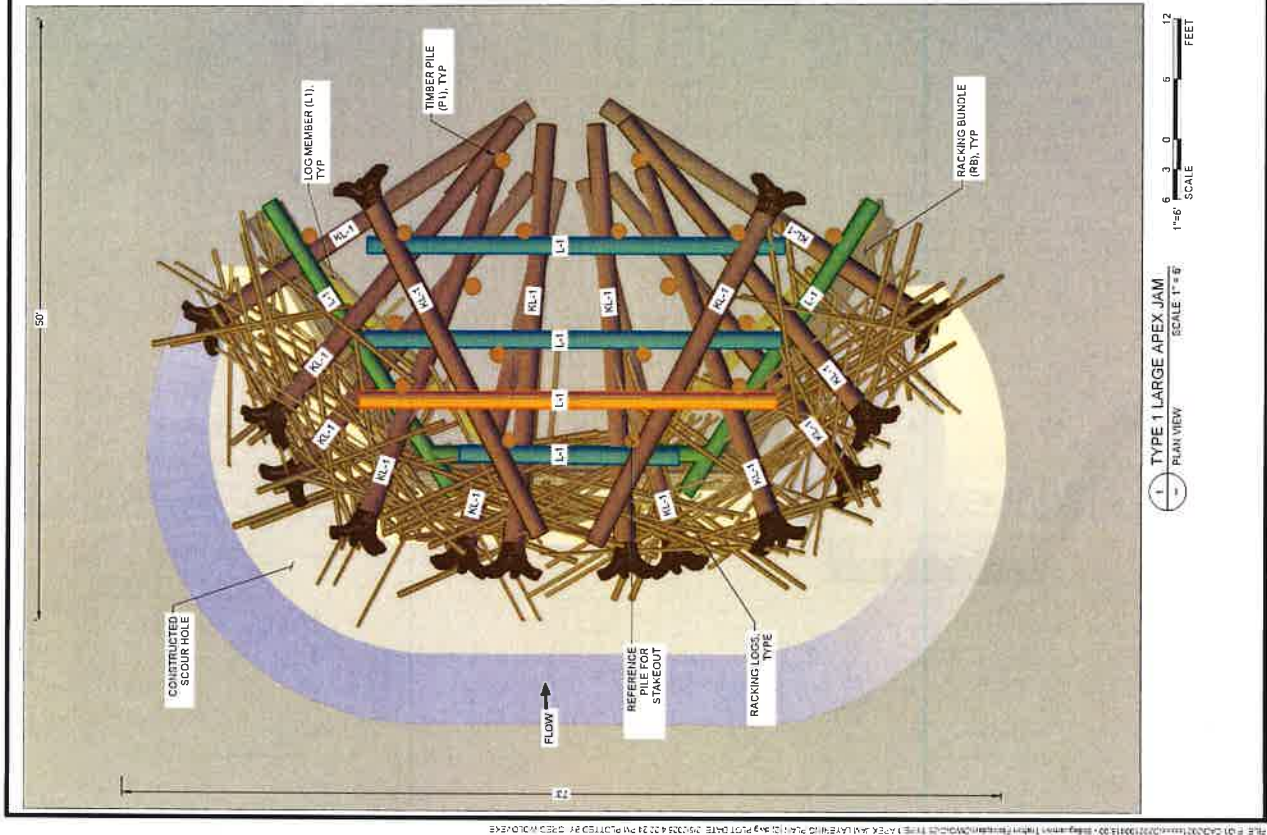
SHEET 26 OF 42

NOTES

- 1 BLOCKER NETS SHALL EXTEND MIN. 5' ABOVE THE WATER SURFACE TO PREVENT FISH FROM JUMPING
- 2 IN AREAS OF HIGH VELOCITY OR UNEVEN BED, PILE BLOCKER NETS SHALL BE TIGHTLY TIED TO THE BED

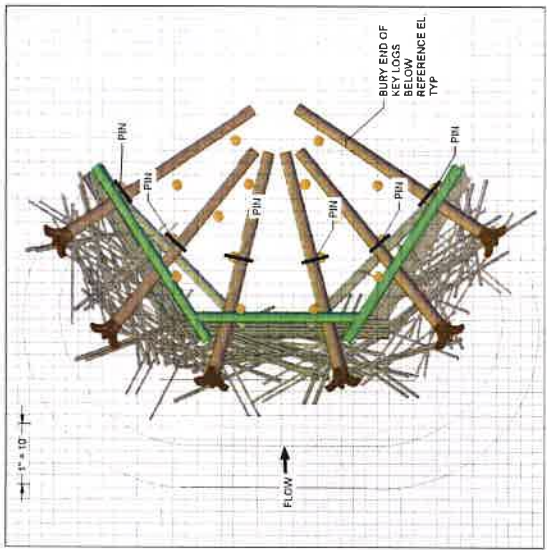


1 TURBIDITY CURTAIN OR BLOCK NET
NOT TO SCALE
ALL WORK SHOWN ON THIS
DETAIL IS WITHIN CHW



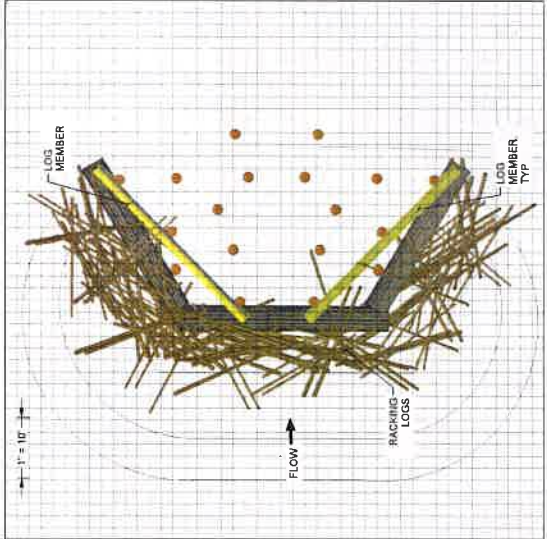
TYPE 1 LARGE APEX JAM - MATERIAL SCHEDULE

| MATERIAL ID | DIAMETER (IN) | LENGTH (FT) | QTY PER STRUCTURE |
|---------------------|---------------|-------------|-------------------|
| KEY LOG (K1) | 18 - 24 | 30 - 50 | 14 |
| KEY LOG (K2) | 12 - 15 | 30 - 50 | 0 |
| LOG MEMBER (L1) | 12 - 18 | 30 - 50 | 8 |
| TIMBER PILE (P1) | 24" BUTT | 50 | 18 |
| RACKING BUNDLE | 48 | 30 - 40 | 8 |
| RACKING LOGS | 4 - 8 | 20 - 40 | 150 |
| WOODY SLASH | - | - | 150 CY |
| HARDWARE CONNECTION | - | - | 18 |



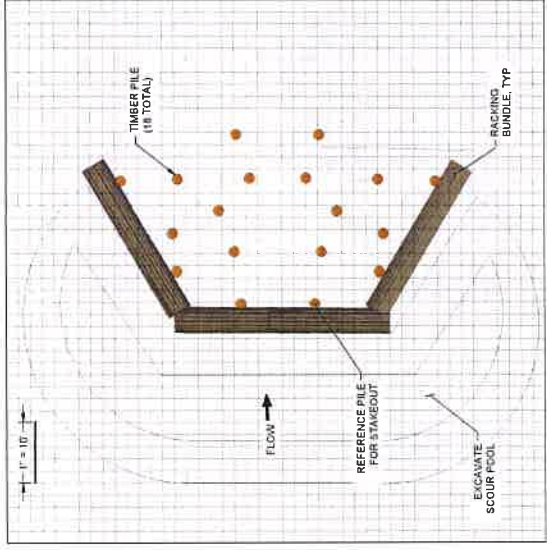
LAYER 2

1. PLACE 6 KEY LOGS
2. PLACE 3 LOG MEMBERS OVER KEY LOGS. TRIM ENDS TO FIT
3. BACKFILL THE STRUCTURE FOOTPRINT BACK UP TO REFERENCE GRADE. END OF KEY LOGS SHOULD BE BURED AS SHOWN.
4. INSTALL 6 PIN CONNECTIONS WHERE SHOWN.



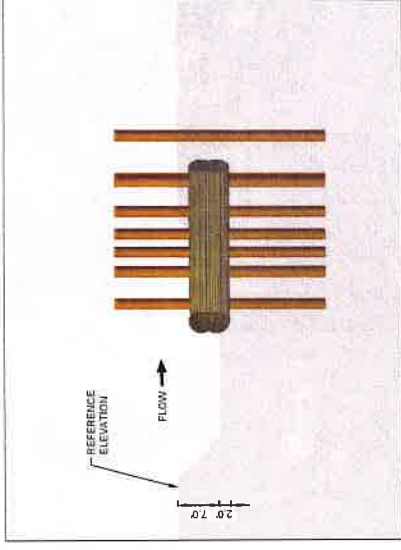
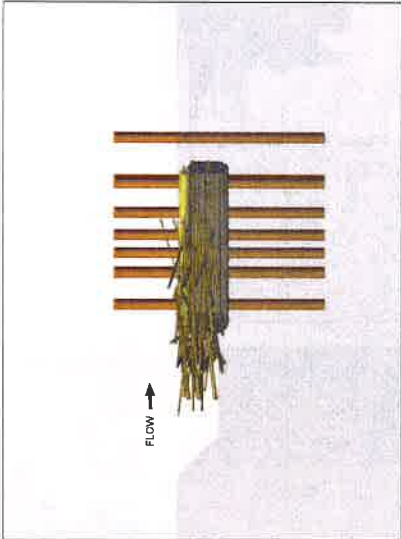
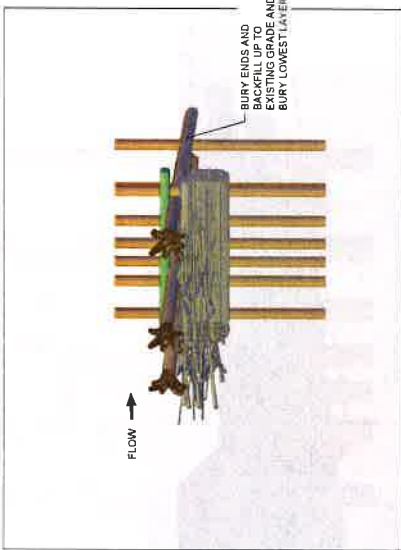
LAYER 1

1. PLACE RACKING LOGS IN FRONT OF RACKING BUNDLES. FILLING THE DOWNSTREAM EXTENT OF THE SCOUR POOL.
2. PLACE 2 LOG MEMBERS SO ENDS REST ON RACKING BUNDLES.

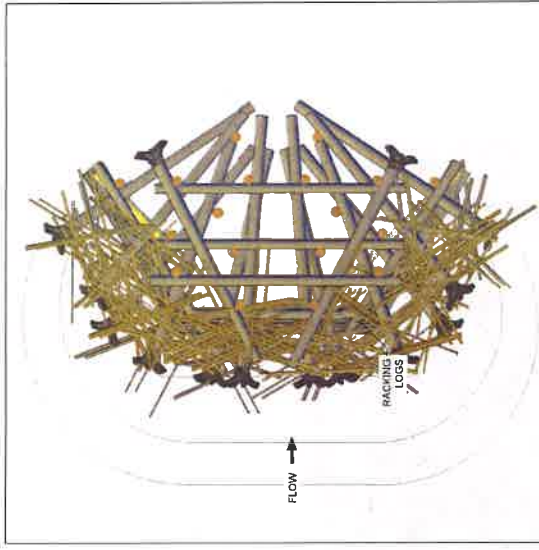


LAYER 0

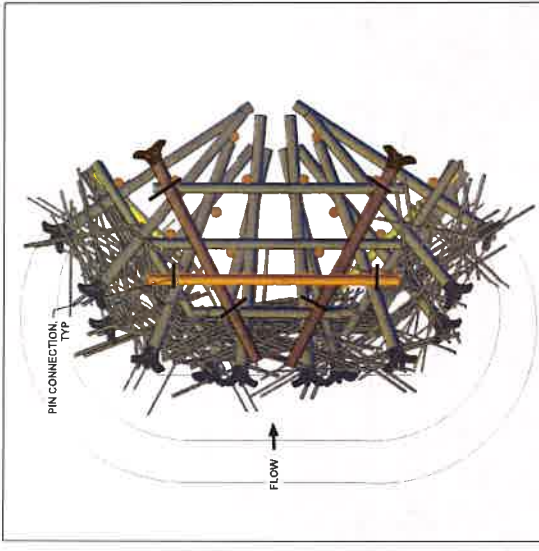
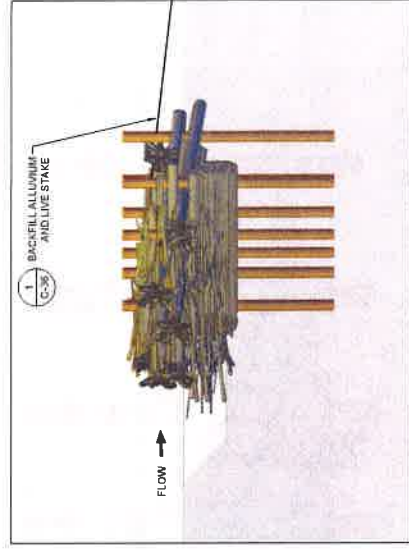
1. OVER-EXCAVATE SCOUR POOL AND STRUCTURE FOUNDATION. STOCKPILE MATERIAL FOR REUSE.
2. INSTALL 18 TIMBER PILES.
3. INSTALL RACKING BUNDLES (RB-1) AT THE BOTTOM OF EXCAVATION AND EXCAVATE SCOUR POOL AND SCOUR WHILE BEGINNING TO FILL EXCAVATION WITH STOCKPILED COBBLES.



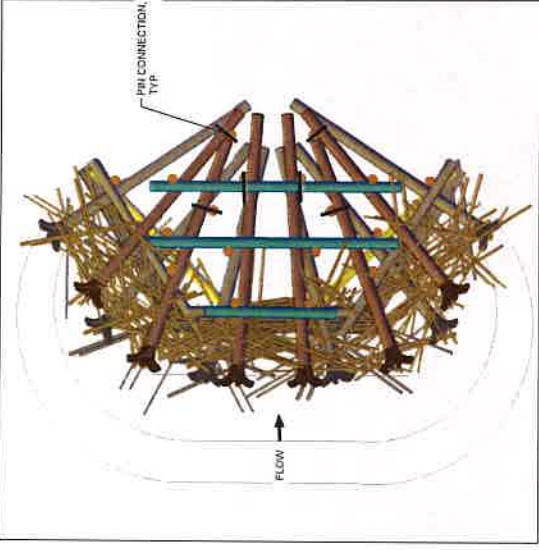
ELEVATIONS



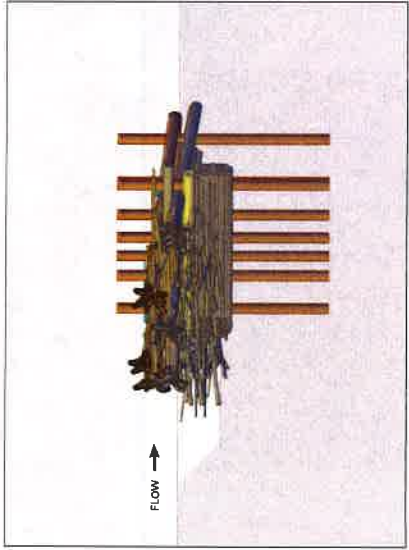
- LAYER 5
1. BACKFILL THE STRUCTURE WITH ALLUVIUM AND SLASH UNTIL MATERIAL CRESTS ABOVE THE CURRENT LAYER.
 2. LIVE STAKE STRUCTURE PER SHEET C-36.



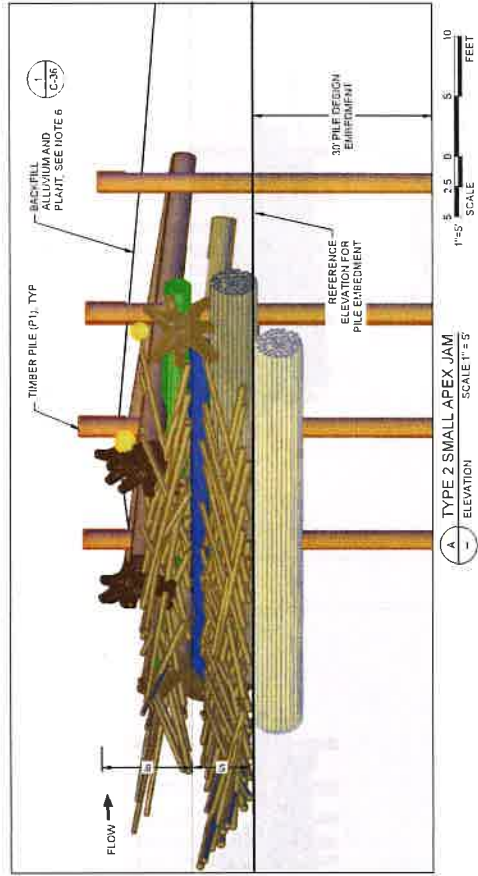
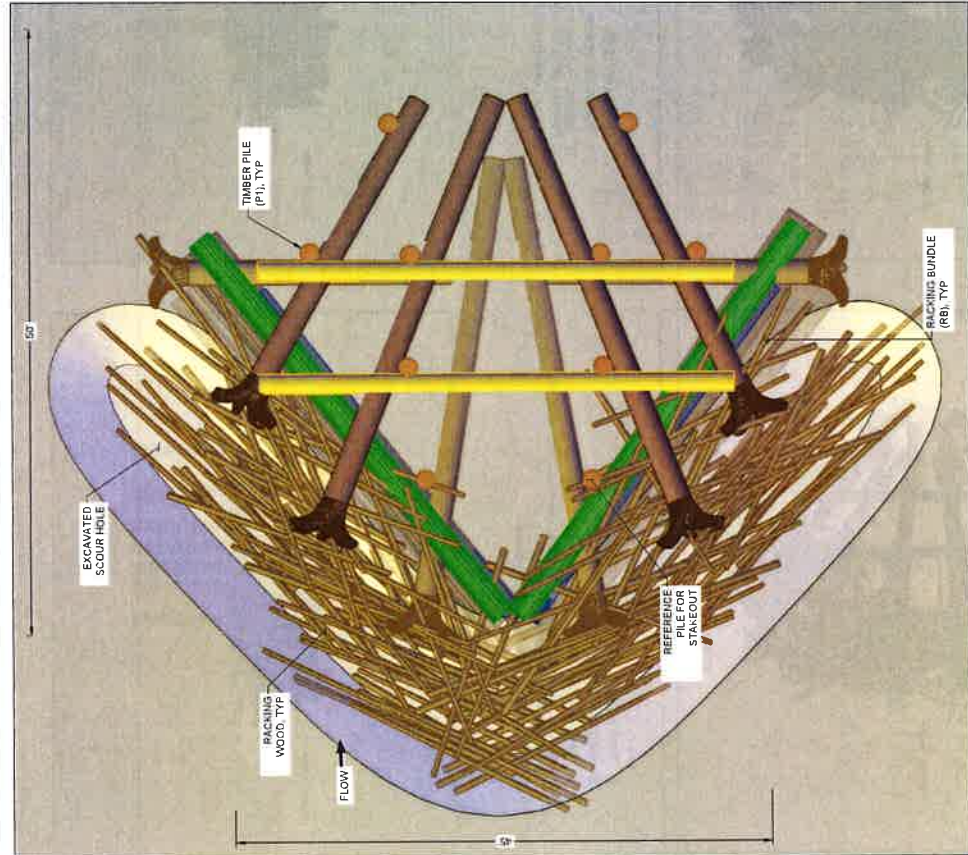
- LAYER 4
1. PLACE 2 KEY LOGS.
 2. PLACE 1 LOG MEMBER.
 3. BACKFILL THE STRUCTURE WITH ALLUVIUM AND SLASH UNTIL MATERIAL CRESTS ABOVE THE CURRENT LAYER.
 4. INSTALL 8 PIN CONNECTIONS WHERE SHOWN.



- LAYER 3
1. PLACE RACKING LOGS IN FRONT OF STRUCTURE.
 2. PLACE 8 KEY LOGS.
 3. PLACE 3 LOG MEMBERS.
 4. BACKFILL THE STRUCTURE WITH ALLUVIUM AND SLASH UNTIL MATERIAL CRESTS ABOVE THE CURRENT LAYER.
 5. INSTALL 8 PIN CONNECTIONS WHERE SHOWN.



ELEVATIONS



1 TYPE 2 SMALL APEX JAM
PLAN VIEW
SCALE 1"=5'

1 TYPE 2 SMALL APEX JAM
ELEVATION
SCALE 1"=5'

| TYPE 2 SMALL APEX JAM - MATERIAL SCHEDULE | | | |
|---|--------------|-------------|------------------------|
| MATERIAL ID | DIMETER (IN) | LENGTH (FT) | QUANTITY PER STRUCTURE |
| KEY LOG (K1) | 16 - 24 | 30 - 50 | 6 |
| KEY LOG (K2) | 12 - 15 | 30 - 35 | 2 |
| LOG MEMBER | 12 - 18 | 30 - 50 | 5 |
| TIMBER PILE (P1) | 24 BUTT | 45 | 10 |
| PACKING BUNDLE | 48 | 30 - 40 | 6 |
| PACKING LOGS | 4 - 8 | 20 - 40 | 110 |
| WOODY SLASH | - | - | 40 CY |
| HARDWARE CONNECTION | - | - | 12 |

NOTES

1. SEE LAYERING PLANS FOR PILE CONNECTIONS TO TIMBER PILES.
2. LAYERING PLANS MAY NOT SHOW ALL REQUIRED TEMPORARY SUB-GRADE EXCAVATION.
3. SEE SECTION 6 OF THE SPECIAL PROVISIONS FOR PILE DRIVING REQUIREMENTS.
4. REFER TO SECTION 6-7 IN THE SPECIAL PROVISIONS FOR PILE INSTALLATION REQUIREMENTS, INCLUDING TARGET DEPTH, MINIMUM DEPTH, AND PILE CONTINGENCY AND INSTALLATION PLAN.
5. LOG LENGTHS ARE SPECIFIED TO PROVIDE EXTRA LENGTH FOR EMBEDEDMENT. THE CONTRACTOR IS EXPECTED TO TRIM LOGS AS NEEDED TO FIT.
6. BACKFILL STRUCTURES WITH LOCALLY EXCAVATED SEDIMENTS, WOODY SLASH AND STAKE WILLOWS.



Stilleaguamish
Tribe

TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLEAGUAMISH RIVER
TRAFTON, WA

| REV | DATE | DESCRIPTION |
|-----------------|-----------|----------------|
| 1 | 2/2/25 | BID ADDENDUM 1 |
| DESIGNED | GW/DE | |
| DRAWN | GW/DE | |
| CHECKED | GW/DE | |
| IN CHARGE | SM | |
| PROJECT NUMBER | DC2100418 | |
| FORM DATE | 2-6-2025 | |
| FOOTED (S) BY | GW/DE | |
| FOOTED (S) DATE | 2/2/25 | |

100% CONSTRUCTION DOCUMENTATION
SHEET TITLE
TYPE 2 SMALL APEX ELJ DETAIL
C-26
SHEET 30 OF 42



2025 RELEASE UNDER
FOIA



11/13/25

CURRENT



TRAFTON REACH FLOODPLAIN RESTORATION N.F. STILLAGUAMISH RIVER TRAFTON, WA

PROJECT NAME

DATE

DESCRIPTION

1 2/2/25 BID ADVERTISEMENT

DESIGNED GW/DE
DRAWN GW
CHECKED CM
IN CHARGE SM

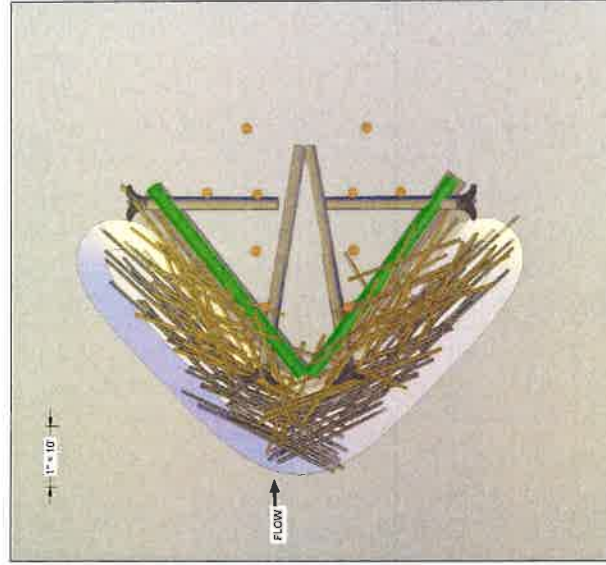
PROJECT NUMBER D02100418
ISSUE DATE 2/4/2025
ISSUED BY J. HENSON
PRINTED TO FULL SIZE (24" x 36")

100% CONSTRUCTION
DOCUMENTATION
SHEET TITLE

TYPE 2 SMALL APEX
ELJ LAYERING PLAN
(1)

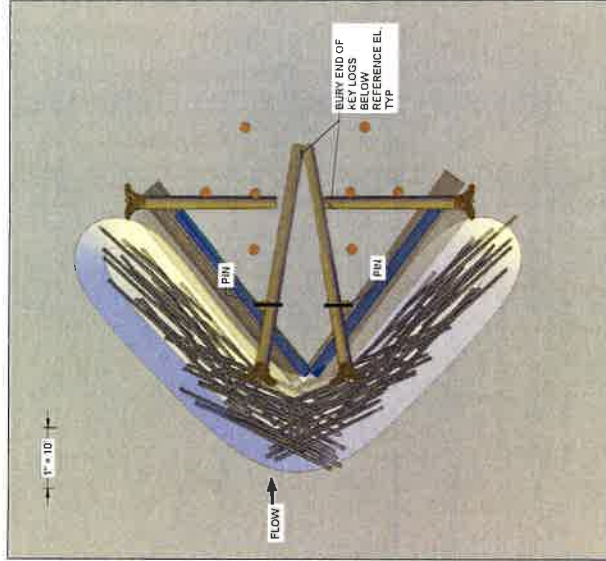
C-27

SHEET 31 OF 42



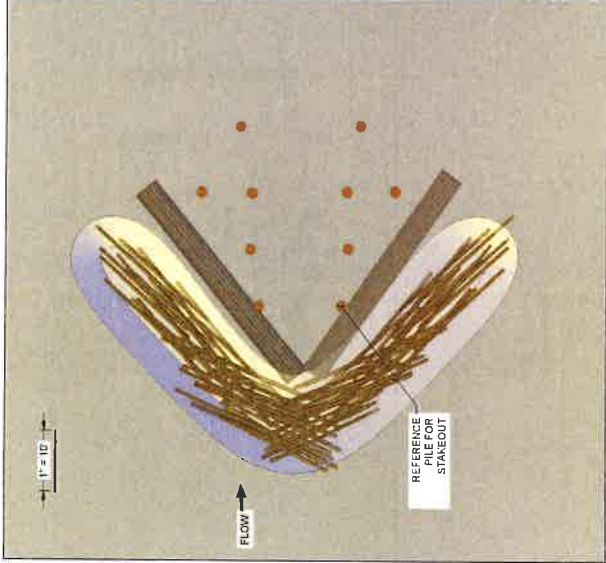
LAYER 2

1. INSTALL 2 RACKING BUNDLES.
2. INSTALL ONE-THIRD OF SLASH AND RACKING LOGS.



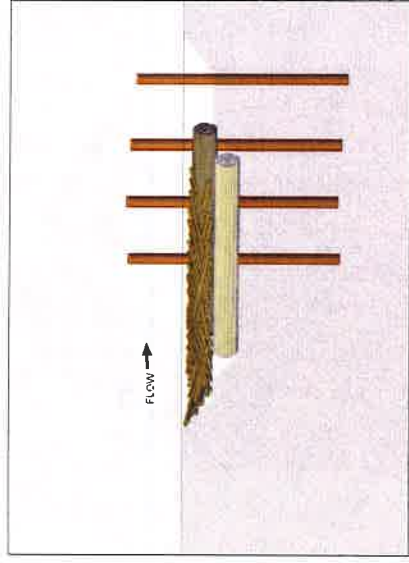
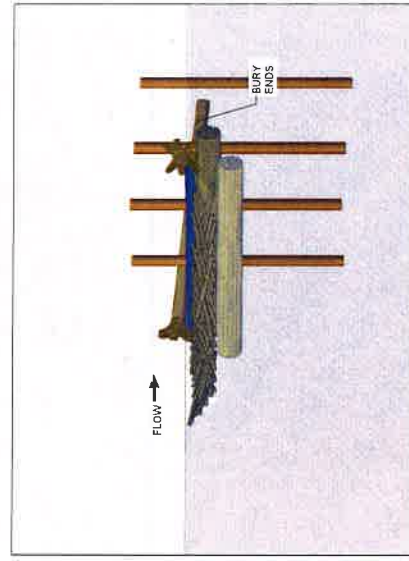
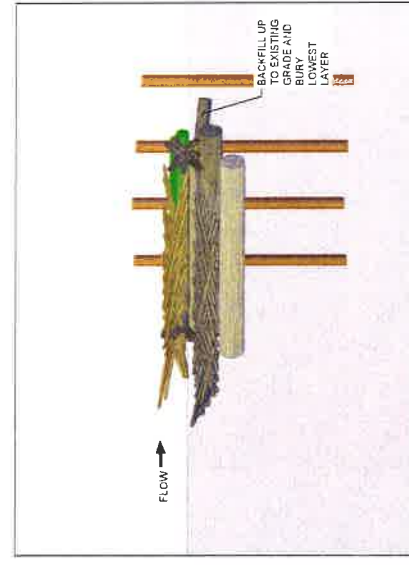
LAYER 1

1. PLACE 2 LOGS MEMBERS ON TOP OF RACKING BUNDLES.
3. BACKFILL THE STRUCTURE FOOTPRINT BACK UP TO REFERENCE GRADE.
4. PLACE 4 KEY LOGS.
5. INSTALL 2 PIN CONNECTIONS WHERE SHOWN.

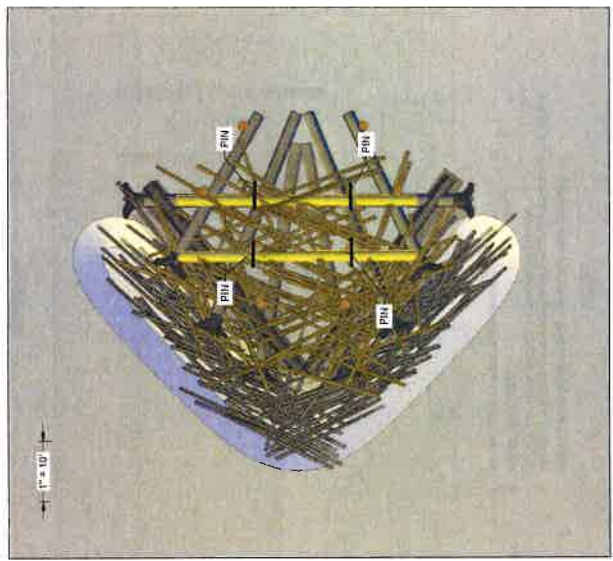


LAYER 0

1. OVER-EXCAVATE SCOUR POOL AND STRUCTURE FOUNDATION. STOCKPILE MATERIAL FOR REUSE.
2. INSTALL 10 TIMBER PILES.
3. INSTALL RACKING BUNDLES (RB-1) AT THE BOTTOM OF EXCAVATION AND BACKFILL WITH OVERHUNG RACKING LOGS AND SLASH WHILE BEGINNING TO FILL EXCAVATION WITH STOCKPILED COBBLES.

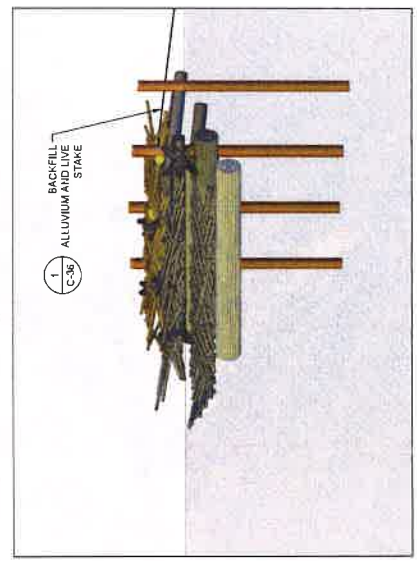


ELEVATIONS

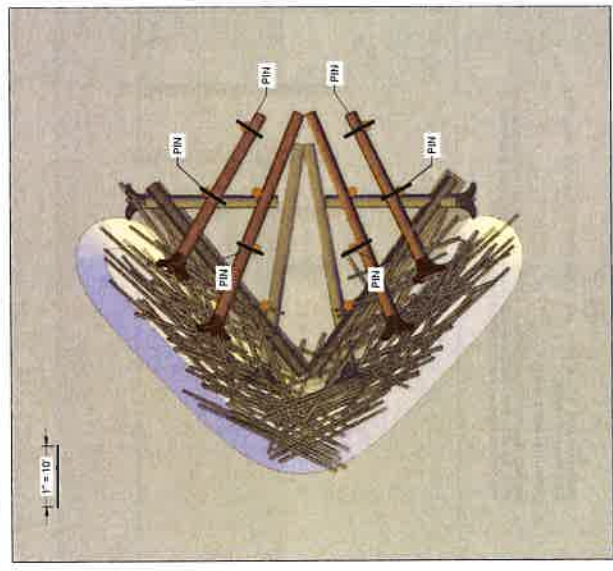


LAYER 4

1. INSTALL FINAL THIRD OF BACKING LOGS AND SLASH
2. INSTALL 2 LOGS. THESE LOGS MAY BE FIELD ADJUSTED TO DIFFERENT ELEVATIONS AS TO CREATE A SOLID (TOUCHING) CONNECTIONS BETWEEN 2 PILES
3. INSTALL 2 PINS PER LOG WHERE IN CONTACT WITH PILE LOGS (4 PINS TOTAL)
4. BACKFILL ALLUVIUM, SLASH, AND LIVE STAKE PER SHEET C-36.



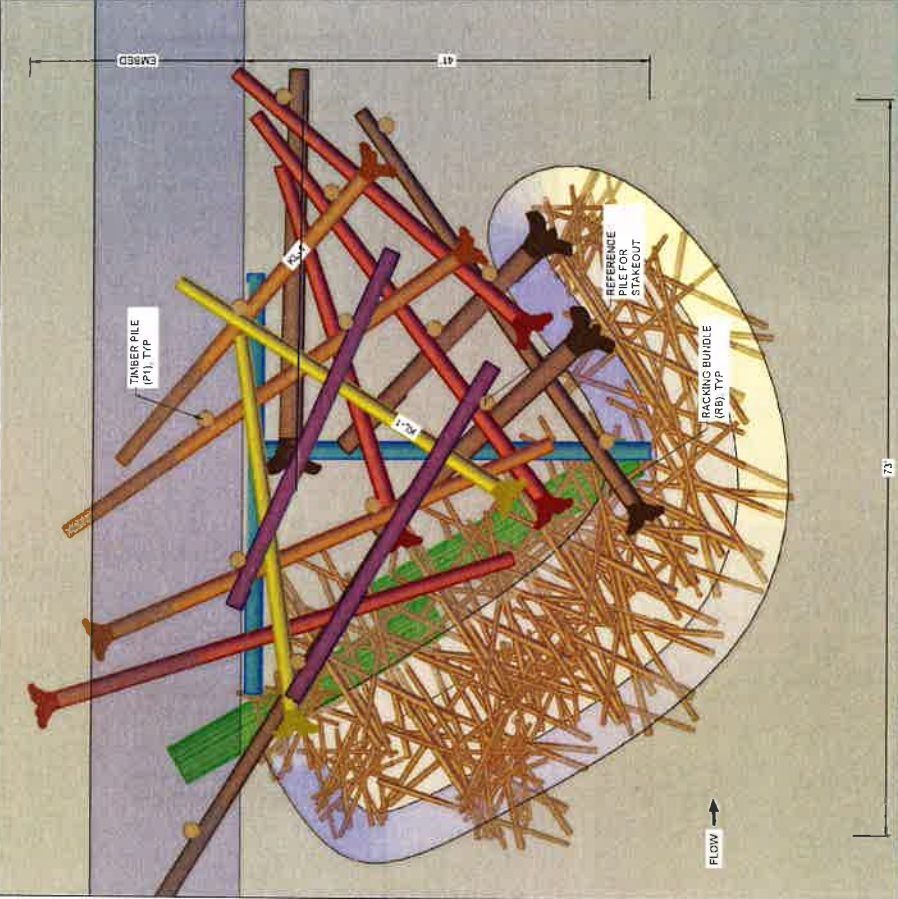
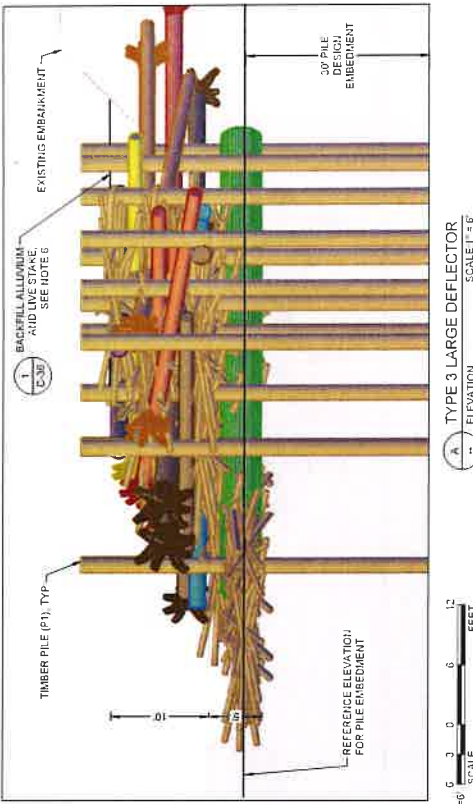
ELEVATIONS



LAYER 3

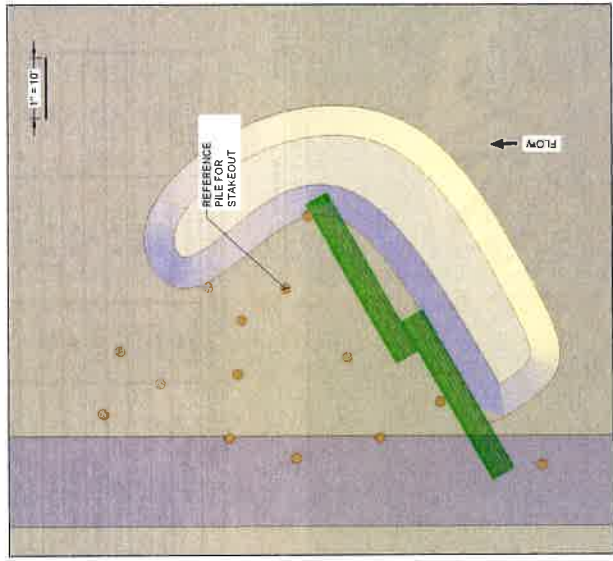
1. INSTALL 4 KEY LOGS.
2. INSTALL 6 PIN CONNECTIONS WHERE SHOWN.





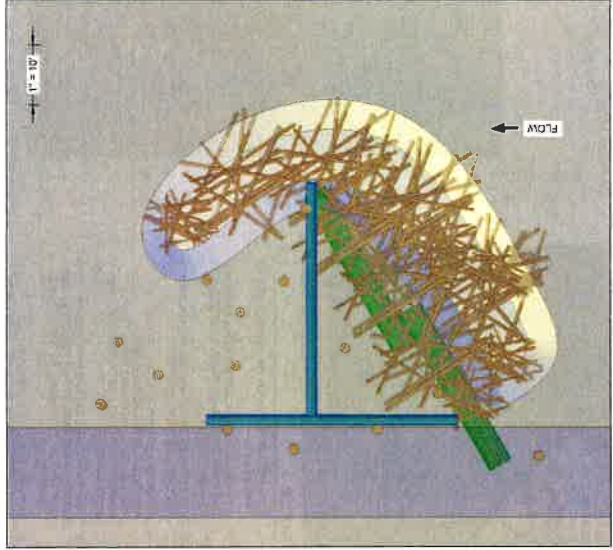
- NOTES
- SEE LAYERING PLANS FOR PILE CONNECTIONS TO TIMBER PILES.
 - LAYERING PLANS MAY NOT SHOW ALL REQUIRED TEMPORARY SUB-GRADE EXCAVATION REQUIRED TO EMBED WOOD.
 - SEE SECTION 6 OF THE SPECIAL PROVISIONS FOR PILE DRIVING REQUIREMENTS.
 - REFER TO SECTION 6.36 IN THE SPECIAL PREVIOUS FOR PILE INSTALLATION REQUIREMENTS, INCLUDING TARGET DEPTH, MINIMUM DEPTH AND PILE CONTINGENCY AND INSTALLATION PLAN.
 - LOG LENGTHS ARE SPECIFIED TO PROVIDE EXTRA LENGTH AND FLEXIBILITY FOR PLACEMENT THE LOGS EXPECTED TO YIELD LOSSES AS NEEDED TO FIT.
 - BACKFILL STRUCTURES WITH LOCALLY EXCAVATED SEDIMENTS, WOODY SLASH, AND STAKE WILLOWS.

| TYPE 3 LARGE DEFLECTOR - MATERIAL SCHEDULE | | | |
|--|---------------|-------------|------------------------|
| MATERIAL ID | DIAMETER (IN) | LENGTH (FT) | QUANTITY PER STRUCTURE |
| KEY LOG (K1) | 18 - 24 | 30 - 50 | 14 |
| KEY LOG (K2) | 12 - 15 | 30 - 50 | 0 |
| LOG MEMBER | 12 - 18 | 30 - 50 | 4 |
| TIMBER PILE (P1) | 24" BUTT | 45 | 14 |
| RACKING BUNDLE | 48 | 30 - 40 | 2 |
| RACKING LOGS | 4 - 6 | 20 - 40 | 150 |
| WOODY SLASH | - | - | 75 CY |
| HARDWARE CONNECTION | - | - | 16 |

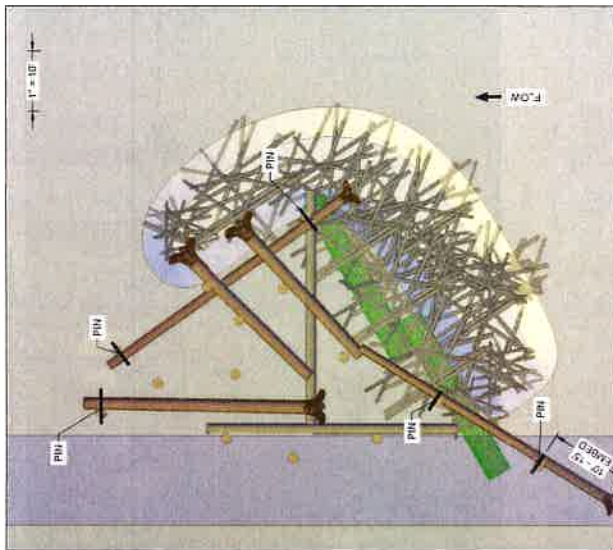


LAYER 0

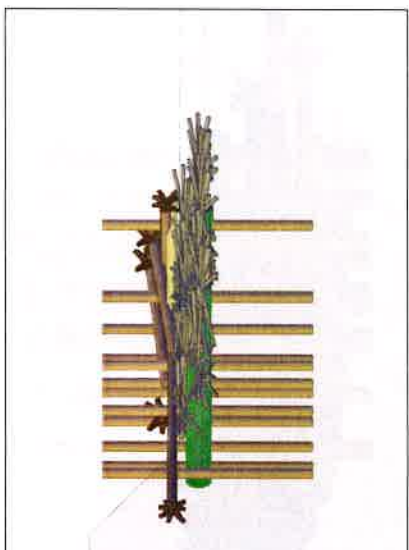
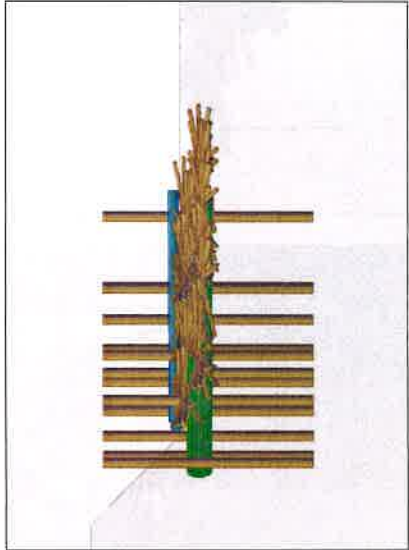
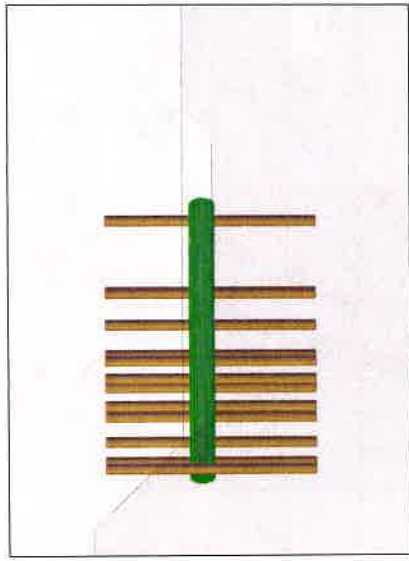
1. OVER-EXCAVATE SCOUR POOL AND STRUCTURE FOUNDATION. STOCKPILE MATERIAL FOR RE-USE.
2. INSTALL 14 TUBER PILES.
3. INSTALL 2 BACKING RIBBIDES IN OVER-EXCAVATION. BRACE AGAINST PILES.



1. PLACE 2 LOGS PERPENDICULAR TO EACH OTHER.
2. INSTALL ONE-THIRD RACKING RACKING LOGS AND SLASH WHILE BEGINNING TO FILL EXCAVATION WITH STOCKPILED COBBLES.



1. PLACE 4 KEY LOGS. SMALLER KEY LOGS WILL OVERLAP LARGER ROOTWAD.
2. PLACE 1 KEY WITH ROOTWAD EMBEDDED IN BANK AND BANKFILL.
3. INSTALL 5 PIN CONNECTIONS WHERE SHOULDER



ELEVATIONS

EXHIBIT D
PEDESTRIAN TRAFFIC CONTROL PLAN
RED CIRCLE DESCRIBE THE PEDESTRIAN TRAFFIC CONTROL LOCATION ON WHITEHORSE TRAIL
DURING CONSTRUCTION



DESCRIPTION OF PLAN

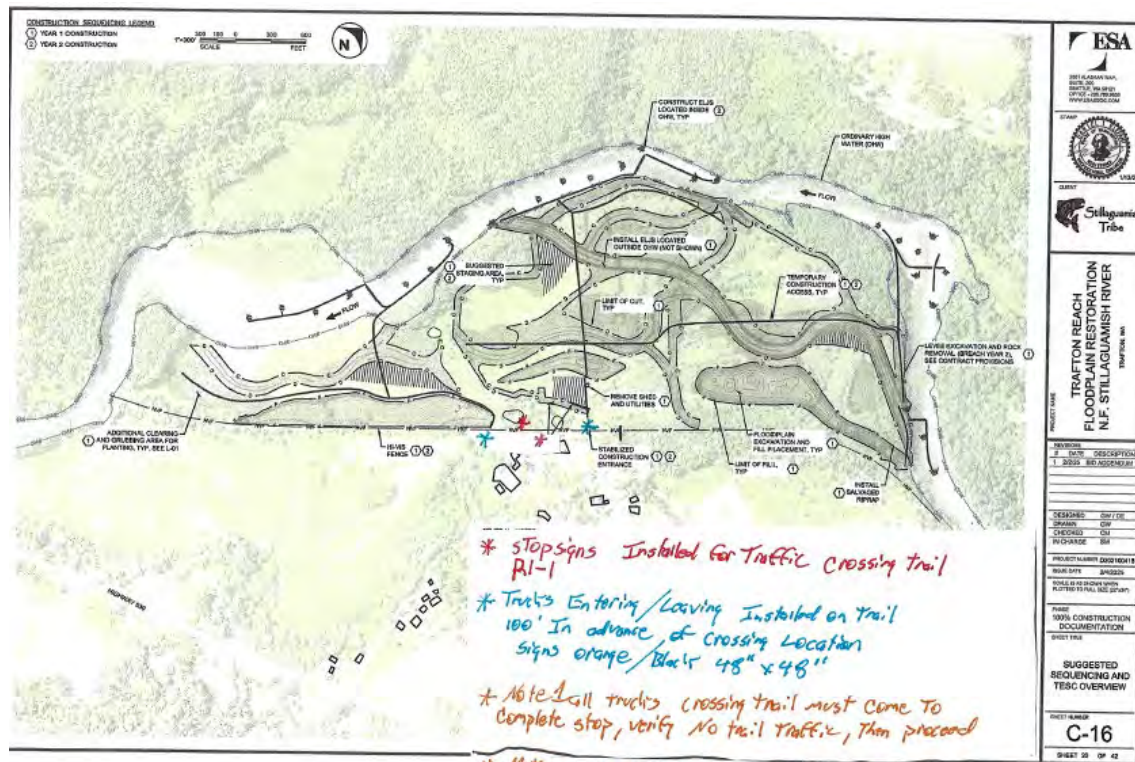
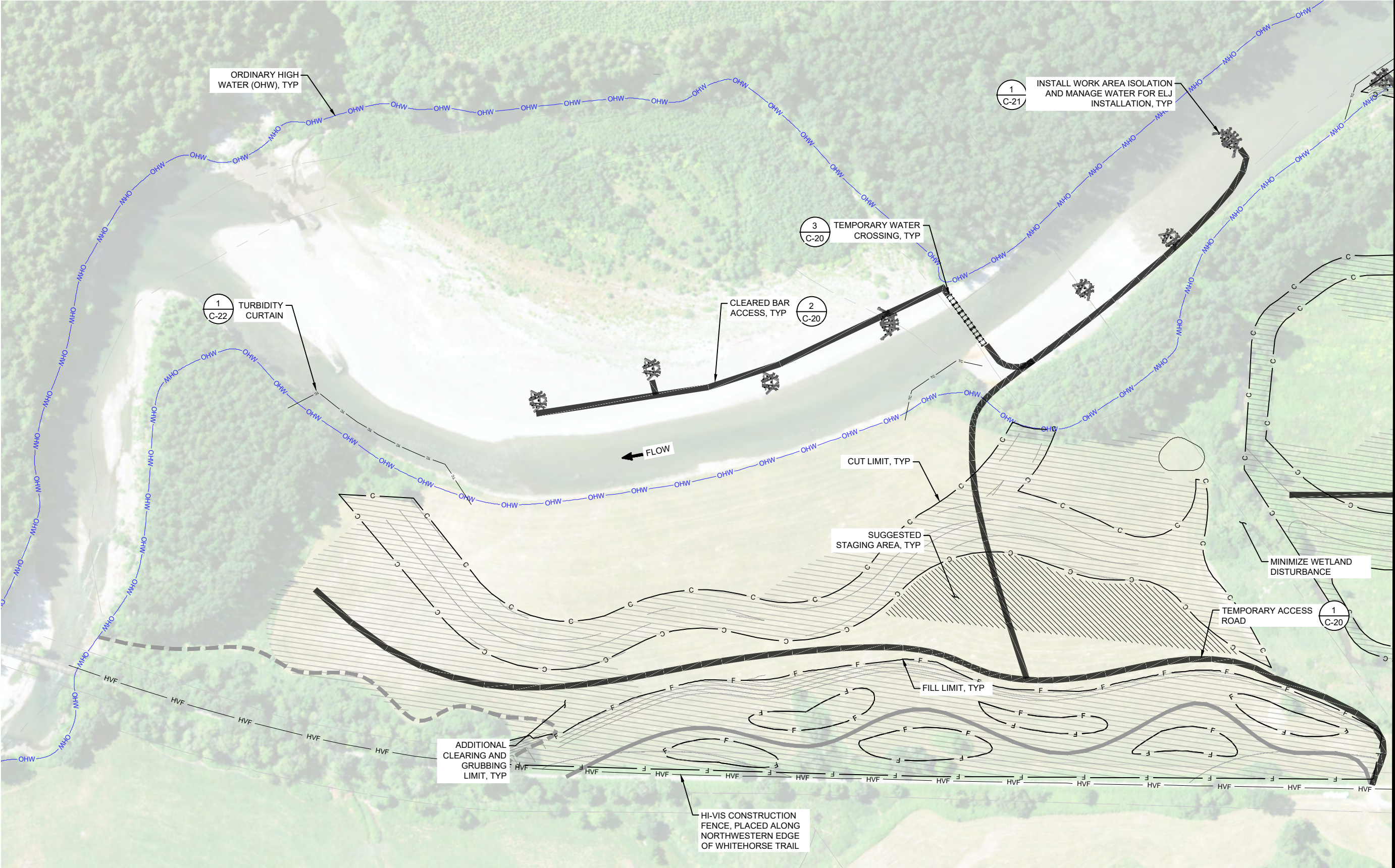


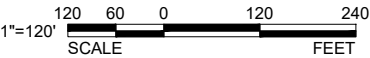
EXHIBIT E
STAGING AREA PLAN

FILE: P:\01 CAD\2021\xxxx\202100418.00 - Stillaguamish Trafton Floodplain\DWG\C-16 SUGGESTED SEQUENCING AND TESC OVERVIEW.dwg PLOT DATE: 2/6/2025 4:20:16 PM PLOTTED BY: GREG WOLOVEKE



LEGEND:

| | | | |
|--|-----------------------|--|-----------|
| | CLEARING AND GRUBBING | | CUT LINE |
| | STAGING AREA | | FILL LINE |



ESA

2801 ALASKAN WAY,
SUITE 200
SEATTLE, WA 98121
OFFICE - 206.789.9658
WWW.ESASSOC.COM

STAMP

1/13/25

CLIENT

Stillaguamish
Tribe

PROJECT NAME

**TRAFTON REACH
FLOODPLAIN RESTORATION
N.F. STILLAGUAMISH RIVER**

TRAFTON, WA

| REVISIONS | | |
|-----------|--------|----------------|
| # | DATE | DESCRIPTION |
| 1 | 2/2/25 | BID ADDENDUM 1 |

| | |
|-----------|---------|
| DESIGNED | GW / DE |
| DRAWN | GW |
| CHECKED | CM |
| IN CHARGE | SM |

PROJECT NUMBER D202100418

ISSUE DATE 2/4/2025

SCALE IS AS SHOWN WHEN
PLOTTED TO FULL SIZE (22"x34")

PHASE
**100% CONSTRUCTION
DOCUMENTATION**

SHEET TITLE

**SITE PREPARATION
AND TESC - 3**

SHEET NUMBER

C-19

SHEET 23 OF 42

MATCHLINE - SEE SHEET C-18

- spill in its leafed on crow thickets and sloping areas.



APPENDIX E
Form of Right-of-Entry for Post-Project Monitoring

APPENDIX E

SNOHOMISH COUNTY
CONSERVATION AND NATURAL RESOURCES
MONITORING RIGHT-OF-ENTRY

I. Date:

II. Name: Stillaguamish Tribe Of Indians
 Jason Griffith, Environmental Program Manager

 Address: 3322 236th St NE
 Arlington, WA 98233

 Day Phone: 360-631-0868

III. Purpose: The purpose of this right-of-entry is to allow the Stillaguamish Tribe of Indians (“Permittee”), or its agents, the right to use the hereinafter described lands (“Permitted Area”) as depicted in Appendix B attached and incorporated herein by this reference, together with the right of ingress and egress, for post-construction re-vegetation, monitoring and maintenance of the Permitted Area as part of the Permittee’s Trafton Floodplain Restoration project and as further described in the attached Appendix B.

IV. Premises Subject To This Right-of-Entry: As depicted in Appendix B.
County Property Tax Parcel Number: 32063000100100 and a portion of Snohomish County Assessor’s Tax Parcel Number: 32063000100400.

V. Total Fees: N/A – See Section VI.B

VI. Permittee MUST notify Snohomish County in the event of a change of address at:
 Department of Conservation & Natural Resources
 6705 Puget Park Drive
 Snohomish, Washington 98296
 Phone: (425) 388-6623

GENERAL TERMS AND CONDITIONS

Snohomish County (the “County” hereinafter) hereby licenses Permittee as designated on page 1, paragraph II above to use the property described on page 1, paragraph

IV above for the purposes set forth on page 1, paragraph III above. This right-of-entry is subject to the following terms and conditions:

A. Duration. This right-of-entry shall remain in effect from the last signature below (the "Effective Date") for as long as the Permitted Area described on page 1, paragraph IV is owned by Snohomish County and remains as part of the Whitehorse Trail Corridor ("Trail"); the right-of-entry is used in conformity with the purposes stated on page 1, paragraph III; the uses permitted under this right-of-entry remain compatible with the primary purposes of the Trail; as long as all fees continue to be paid and terms and conditions of this right-of-entry are met; and for no longer than five (5) years from the Effective Date. In the event of a change in the conditions stated above, County shall have the right to terminate this right-of-entry at any time upon giving the Permittee thirty (30) days written notice of its intention to do so. Said notice shall be good if served upon Permittee or deposited post-paid in the United States Post Office, addressed to Permittee at Permittee's post office address above stated. No portion of any payments made hereunder will be refunded upon termination of this right-of-entry`.

B. Consideration. This project will result in increased flood protection of the Premises, the construction of a new recreational trail on the Premises, and restoration of reach-scale river processes and salmon habitat in the Trafton Floodplain of the North Fork Stillaguamish River.

C. Indemnification. The Permittee agrees, to the maximum extent permitted by law and except to the extent caused by the sole negligence of the County, to indemnify and hold harmless the County, its officers, officials, agents and employees, from and against any and all suits, claims, actions, losses, costs, penalties and damages of whatsoever kind or natures arising out of, in connection with, or incidental to its use of the Premises. In addition, the Permittee shall assume the defense of the County and its officers and employees in all legal or claim proceedings arising out of, in connection with, or incidental to its use of the Premises: shall pay all defense expenses, including reasonable attorney's fees, expert fees and costs incurred by the County on account of such litigation or claims.

This indemnification obligation shall include, but is not limited to, all claims against the County by an employee or former employee of the Permittee or its Subcontractors, and the Permittee, by mutual negotiation, expressly waives all immunity and limitation on liability, as respects the County only, under any industrial insurance act, including Title 51 RCW, other Workers' Compensation act, disability benefit act, or other employee benefit act of any jurisdiction which would otherwise be applicable in the case of such claim.

In the event that the County incurs any judgment, award and/or cost including attorney's fees arising from the provisions of this subsection, or to enforce the provisions of this subsection, any such judgment, award, fees, expenses and costs shall be recoverable from the Permittee.

In the event of litigation between the parties to enforce the rights under this subsection, reasonable attorney fees shall be allowed to the substantially prevailing party. In the event the County incurs attorney fees and/or costs in the defense of claims under this provision such attorney fees and costs shall be recoverable from the Permittee.

In addition, the County shall be entitled to recover from the Permittee its attorney fees and costs incurred to enforce the provisions of this section.

The indemnification, protection, defense and save harmless obligations contained herein shall survive the expiration, abandonment or termination of this right-of-entry.

Nothing contained within this provision shall affect and/or alter the application of any other provision contained within this right-of-entry.

E. Insurance Coverage. By the execution of this right-of-entry, the Permittee, at its' own cost, shall have procured and will maintain for the duration of this right-of-entry, insurance as specified below in Minimum Scope and Limits of Insurance. The Permittee shall furnish the County with certificates of insurance and endorsements required by this right-of-entry. The County reserves the right to require complete, certified copies of all required insurance policies at any time.

1. General. Each insurance policy shall be written on an "occurrence" form. By requiring the minimum insurance coverage set forth, the County shall not be deemed or construed to have assessed the risks that may be applicable to the Permittee under this right-of-entry. The Permittee shall assess its own risks and, if it deems appropriate and/or prudent, maintain greater limits and/or broader coverage.
2. Minimum Scope and Limits of Insurance; The Permittee shall maintain limits as broad as, and with no less than,
 - i. General Liability: \$3,000,000 per occurrence for bodily injury, personal injury and property damage, and for those policies with aggregate limits, a \$3,000,000 aggregate limit. CG 00 01 current edition, including Products and Completed Operations.
 - ii. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage. CA 0001 current edition, Symbol 1.
 - iii. Workers' Compensation: Workers' Compensation coverage, as required by the Industrial Insurance Act of the State of Washington.
 - iv. Employers Liability – Stop gap: \$1,000,000.
3. Other Insurance Provisions and Requirements. The insurance coverage(s) required in this right-of-entry for all liability policies except workers' compensation, if applicable, must contain, or must be endorsed to contain the following provisions:
 - i. The County, its officers, officials, employees and agents are to be covered as additional insureds as respects liability arising out of activities performed by or on behalf of the Permittee in connection with this right-of-entry. Such coverage shall be primary and non-contributory insurance as respects the County, its officers, officials, employees and agents. Additional Insured Endorsements shall be included with the

certificate of insurance, "CG 2026 07/04" and "CG 2037" current edition or equivalent are required.

- ii. The Permittee's insurance coverage shall apply separately to each insured against whom a claim is made and/or lawsuit is brought, except with respect to the limits of the insurer's liability.
- iii. Any deductibles or self-insured retentions must be declared to, and approved by, the County. The deductible and/or self-insured retention of the policies shall not limit or apply to the Permittee's liability to the County and shall be the sole responsibility of the Permittee.
- iv. Insurance coverage is to be placed with insurers with a Best's rating of no less than A: VIII, or, if not rated with Best's, with minimum surpluses the equivalent of Best's surplus size VIII. Any exception must be approved by the County.
- v. Coverage shall not be suspended, voided, canceled, reduced in coverage or in limits until after forty-five (45) calendar days' prior written notice has been given to the County. If at any time any of the foregoing policies fail to meet minimum requirements, the Permittee shall, upon notice to that effect from the County, promptly obtain a new policy, and shall submit the same to the County, with the appropriate certificates and endorsements, for approval.

F. Nonexclusive Permit. This right-of-entry shall not be deemed or construed to be an exclusive right. It does not prohibit the County from granting other permits or rights of like nature to other public or private entities, nor shall it prevent the County from using any of its roads, streets, and public places for any and all public use, or affect its jurisdiction over any part of them.

G. Not a Property Interest. Permittee agree that they do not and shall not claim at any time any interest or estate of any kind or extent whatsoever in the Premises by virtue of this right-of-entry or their occupancy or use hereunder. In authorizing this right-of-entry, County makes no representations, express or implied, concerning the County's rights in real property, or the Permittee' access rights to open, constructed county road systems.

H. Assessments. Permittee shall be required to pay any general or special assessments incurred by the County which are directly attributable to or arising from any actions, occupancy, and usage authorized herein.

I. Right-of-Entry Conditions Must Conform to Law. Snohomish County may at any time change, amend, modify, amplify or terminate any of the conditions herein enumerated, so as to conform to any applicable local, state, or federal law or regulation pertaining to the protection of the environment, or the public health, safety and welfare, as presently exists or may hereinafter be enacted, adopted, or amended. Snohomish County may terminate this right-of-entry if Permittee fail to comply with any such changes.

J. Condition of Premises. After construction, installation, or removal of facilities or equipment, Permittee shall restore, at Permittee' sole expense, the Premises to a condition which is equivalent in all respects to the condition they were in before starting work except as expressly stated herein. Permittee shall not disturb or damage the

Premises of operating or maintaining a facility without prior written approval from the Department of Conservation and Natural Resources of the County.

K. Damage. In the event that any damage of any kind is caused by Permittee in performing work authorized by this right-of-entry, Permittee will repair the damage at their expense. Repair work shall begin without delay and continue without interruption at a rate acceptable to the County until completed.

L. County Work. The County may at any time do, order, or have done any and all work considered necessary to restore to a safe condition any real or personal property left by Permittee on the Premises in a condition that appears dangerous to life or property and upon demand Permittee shall pay to the County all costs of such work, including materials and other expenses.

M. Compliance with Terms and Conditions. Permittee agrees to comply with all terms and conditions of this right-of-entry. Permittee shall respect and protect all property, contracts, persons and attendant rights that might be affected by the work or use authorized herein.

N. Removal of Vegetation. Permittee will not remove from the Premises any standing, dead, down, or diseased trees or brush without first receiving specific written approval from the Department of Conservation & Natural Resources of the County, unless such trees or brush pose an immediate hazard to persons or property. Non-emergency removal of vegetation may be approved after the Department of Conservation & Natural Resources and Permittee have met on site and tagged the vegetation to be retained and/or removed. The Department of Conservation & Natural Resources may require replacement, at the Permittee's expense, of any vegetation removed by Permittee.

O. Removal of Debris. Permittee, at Permittee's expense, will be responsible for the removal and disposal of all debris associated with the permitted activity as required by the Department of Conservation & Natural Resources.

P. Removal Upon Revocation or Termination. Upon revocation or termination of this right-of-entry, Permittee shall remove at Permittee's expense all facilities placed on the Premises by Permittee and shall restore the Premises to a condition which is equivalent in all respects to the condition existing prior to installation of the facilities or to a condition which is satisfactory to the County. If Permittee have not accomplished removal and restoration at the end of a ninety-day period following the effective date of revocation or termination, the County may perform the work and charge all of the costs to Permittee, which costs shall be paid by Permittee upon demand.

Q. Change of Grade. When the county deems it advisable to change the alignment of grade of any real property or structure by grading, regrading, paving, improving, altering or repairing same, Permittee, upon written notice by the County, will at Permittee's sole cost and expense, raise, lower, move, change or reconstruct their facilities to conform with the plans of work contemplated or ordered by the County according to a time schedule contained in the written notice.

R. Other Persons and Property. Permittee agree to obtain information from other operators of facilities on or about the Premises regarding the location and current status of their installations before starting work. Private property owners and other persons in proximity to the Premises shall be notified when such persons or property is exposed to the possibility of injury or damage through performance of work on the facility authorized by this right-of-entry. Permittee shall make all advance arrangements necessary to protect such persons or property from injury or damage.

S. Other Requirements. The granting of this right-of-entry does not in any way relieve Permittee of any obligation under applicable law, including any obligation arising out of other County permit requirements, relating to performance of the work authorized by this right-of-entry. Permittee shall receive sign design approval from the County, through its Department of Conservation & Natural Resources, prior to sign replacement which is in addition to other regulatory requirements.

T. Access to Books/Records. The County may, at reasonable times, inspect the books and records of the Permittee relating to this right-of-entry.

U. Compliance with Laws. The Permittee shall comply with all applicable federal, state and local laws, rules, and regulations relating to their activities under this right-of-entry, including, but not limited to laws against discrimination.

V. Conflicts Between Attachment and Text. Should any conflicts exist between any attached exhibit and the text of this right-of-entry, the text shall prevail.

W. Governing Laws and Stipulation of Venue. This right-of-entry shall be governed by the laws of the State of Washington and the parties stipulate that any lawsuit regarding this contract must be brought in Snohomish County, Washington.

X. Non-discrimination. It is the policy of the County to reject discrimination which denies equal treatment to any individual because of his or her race, creed, color, national origin, families with children, sex, marital status, sexual orientation, age, honorably discharged veteran or military status, or the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability as provided in Washington's Law against Discrimination, Chapter 49.60 RCW, and the Snohomish County Human Rights Ordinance, Chapter 2.460 SCC, which is incorporated herein by this reference. Execution of this right-of-entry constitutes a certification by the Permittee of the Permittee's compliance with the requirement of Chapter 2.460 SCC. If the Permittee is found to have violated this provision, or furnished false or misleading information in an investigation or proceeding conducted pursuant to Chapter 2.460 SCC, this right-of-entry may be subject to a declaration of default and termination at the County's discretion. This provision shall not affect the Permittee's obligations under other federal, state, or local laws against discrimination.

Y. National Pollutant Discharge Elimination System (NDPES). The Permittee shall comply with the NDPES Compliance Procedure attached hereto and incorporated herein as Exhibit C.

Z. Limited Waiver of Sovereign Immunity. The Permittee expressly reserves all of its inherent sovereign rights as a federally recognized Indian Tribe, including sovereign immunity from suit in any state, federal or tribal court without the Permittee's consent. By entering into this Permit, the Permittee hereby grants a limited waiver of sovereign immunity to the County only, subject to, and conditioned on the following:

1. This limited waiver of immunity shall not extend to interpretation of the Treaty of Point Elliot, 12 Stat. 927, or the rights reserved by the Permittee under that Treaty. This waiver of immunity shall not extend to, or be used for, or to, the benefit of any other person or entity of any kind or description whatsoever, including any successor or assign of the County.
2. To the extent that jurisdiction obtains, this limited waiver of immunity shall be deemed consent to jurisdiction only of the Snohomish County Superior Court.
3. The limited waiver of immunity in favor of the County shall commence and become effective as the effective date of this Permit and shall remain in effect for three (3) years from the ending date or early termination of this Permit. Notwithstanding any applicable statute of limitations or other law, upon expiration of the above three (3) year period, this limited waiver of immunity shall be deemed withdrawn without further action by the Tribe or notice to the County.
4. Except as authorized in subsection 6 below, nothing contained in this Permit shall be deemed consent to levy of any judgment, lien or attachment upon any assets, property or interest of the Permittee.
5. Nothing in this Permit or any activity of the Permittee shall implicate or in any way involve the trust assets or credit of the Permittee or any of its members.
6. The Permittee hereby expressly waives sovereign immunity to suit with respect to claims made relating to, or arising under, this Permit by any party, to interpret or enforce the terms of this Permit, or to a claim of indemnification by the County pursuant to this Permit. The limit for any claim of indemnification will be the insurance limit required by this Permit. The parties agree that in discharging this indemnification obligation, where the required insurance is procured, the County shall look only to the proceeds of the insurance procured by the Permittee herein and the policy of insurance obtained by the Permittee shall prohibit the insurer from asserting a defense of sovereign immunity to a claim made under the policy. The Permittee warrants its authority to and agrees to assign over to the County, at its request, any and all of its rights against the insurer to effectuate a payment of its indemnification obligation.

VII. Permittee agrees to the terms and conditions contained herein.

DATED this _____ day of _____, 2025.

SNOHOMISH COUNTY

PERMITTEE

Tom Teigen, Director
Conservation & Natural Resources

Name Title

Approved as to form only:

Deputy Prosecuting Attorney

Review By:
☐ approved ☐ other

County Risk Management

APPENDIX B

Revegetation Plan for Snohomish County Parks Property

Project: Trafton Reach Floodplain Restoration N.F. Stillaguamish River

Prepared by: Jason Anderson, Riparian Ecologist, Stillaguamish Tribe Natural Resources Department
March 31, 2025

This document is intended to provide information about native plant revegetation associated with the Trafton Reach Floodplain Restoration N.F. Stillaguamish River construction project. Information contained within focuses on the Snohomish County Parks portion of the project area (Map 1). For reference, Sheet No. L-01 depicts the entire project area (Map 2).

Approach

Based on the size of the overall construction project (~230 acres), the Stillaguamish Tribe Natural Resources Department (NRD) and consultant Environmental Science Associates (ESA) propose to revegetate large portions of the area using native seed mixes. This approach is based on the assumption that native trees and shrubs (primarily cottonwood, alder, salmonberry, and willow) will recruit to exposed soils. We also assume that non-native, invasive plants will also establish in these areas of disturbance. By proactively seeding, we aim to jumpstart establishment of native plants. Follow-on monitoring will inform invasive plant/noxious weed control as well as supplemental native plant installation. The near-term goal (1-5 years) is to establish a native plant dominated vegetation community on areas disturbed during construction activities. Objectives include:

- Seeding with an erosion control seed mix
- Seeding with a woody-stem seed mix
- Controlling non-native, invasive plants
- Evaluating native plant establishment (density and diversity)

The NRD and ESA have identified seven (7) riparian restoration polygons on County Parks property (Map 1). Please note polygons 24 and 41 appear on the map but have been combined with polygon 34 for planning and planting purposes. Polygons 21, 29, 30, 43, 34, and 23 (Table 1) will be revegetated with erosion control (Table 2) and woody-stem seed mixes (Table 3) following construction while polygon 27 will be revegetated with erosion control and woody-stem seed mixes followed by native plant materials (Table 4), likely a combination of bare-root and containerized stock.

The erosion control seed mix consists primarily of a mix of six native grasses along with minor components of riverbank lupine and Douglas aster. The construction contractor will be responsible for applying this seed mix once construction activities are complete in fall 2025 and 2026. The method of application will be broadcasting (scattering by machine or hand). This mix is consistent throughout the entire project area.

The woody-stem seed mix consists of native woody-stem plants commonly associated with early seral riparian or floodplain vegetation communities. The composition and rates vary slightly by planting zone; for example, riparian deciduous and riparian mixed forest contain the same composition and rate. However, the mix for upland mixed forest and wet meadow-shrub mosaic differ from each other and from the riparian deciduous/riparian mixed forest. The NRD will be responsible for applying these seed mixes during winter 2025/26 and 2026/27 and method of application will be broadcasting.

Timing

Revegetation will follow construction activities. Based on the construction schedule, we anticipate that erosion control mix will be seeded on the County Parks property during fall 2025. In early 2026, the woody-stem mix will be seeded. However, if construction activities continue into 2026, the woody-stem mix will be seeded in early 2027. Installation of native plant materials will occur within polygon 27 during early 2026 and 2027. Monitoring of native vegetation establishment and invasive species presence will occur throughout the year, following the completion of construction, and will guide supplemental planting plans and invasive species control efforts. Please refer to the schedule for riparian restoration, which is presented in Figure 1.

Table 1. Proposed riparian restoration polygons, associated acreage, planting zone descriptions, and plant/seed densities. Refer to Map 1 for Polygon FID locations.

| Polygon_FID | Layer | Area_ac | Planting | Ownership | Est_LBS / ACRE | Est_LBS_Seed |
|-------------|------------------------|---------|----------|-----------|----------------|--------------|
| 23 | L-HTCH-RIP-DECID-FORST | 5.61 | Riparian | County | 3.35 | 18.8 |
| 21 | L-HTCH-RIP-MIX-FORST | 0.53 | Riparian | County | 3.35 | 1.8 |
| 29 | L-HTCH-RIP-MIX-FORST | 6.16 | Riparian | County | 3.35 | 20.6 |
| 30 | L-HTCH-RIP-MIX-FORST | 1.87 | Riparian | County | 3.35 | 6.3 |
| 43 | L-HTCH-RIP-MIX-FORST | 7.03 | Riparian | County | 3.35 | 23.6 |
| 34 | L-HTCH-WET-MDW-SHRB | 7.48 | Wet Mea | County | 1.75 | 13.1 |
| 27 | L-HTCH-UPL-MIX-FORST | 10.47 | Upland M | County | 2.85 | 29.8 |
| | | | | | Est_PPA | Est_Plants |
| 27 | L-HTCH-UPL-MIX-FORST | 10.47 | Upland M | County | 435 | 4553 |

Table 2. Erosion control seed mix including botanical name, composition & application rate.

| EROSION CONTROL | | |
|-----------------------------------|-----------------------------------|-----------------------------------|
| Botanical Name | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) |
| <i>Agrostis exarata</i> | 0.005 | 0.21 |
| <i>Bromus carinatus</i> | 0.113 | 4.93 |
| <i>Deschampsia cespitosa</i> | 0.006 | 0.27 |
| <i>Deschampsia elongata</i> | 0.134 | 5.85 |
| <i>Elymus glaucus</i> | 0.353 | 15.37 |
| <i>Hordeum brachyantherum</i> | 0.084 | 3.64 |
| <i>Lupinus rivularis</i> | 0.010 | 0.43 |
| <i>Symphyotrichum subspicatum</i> | 0.011 | 0.50 |
| TOTAL | 0.716 | 31.20 |

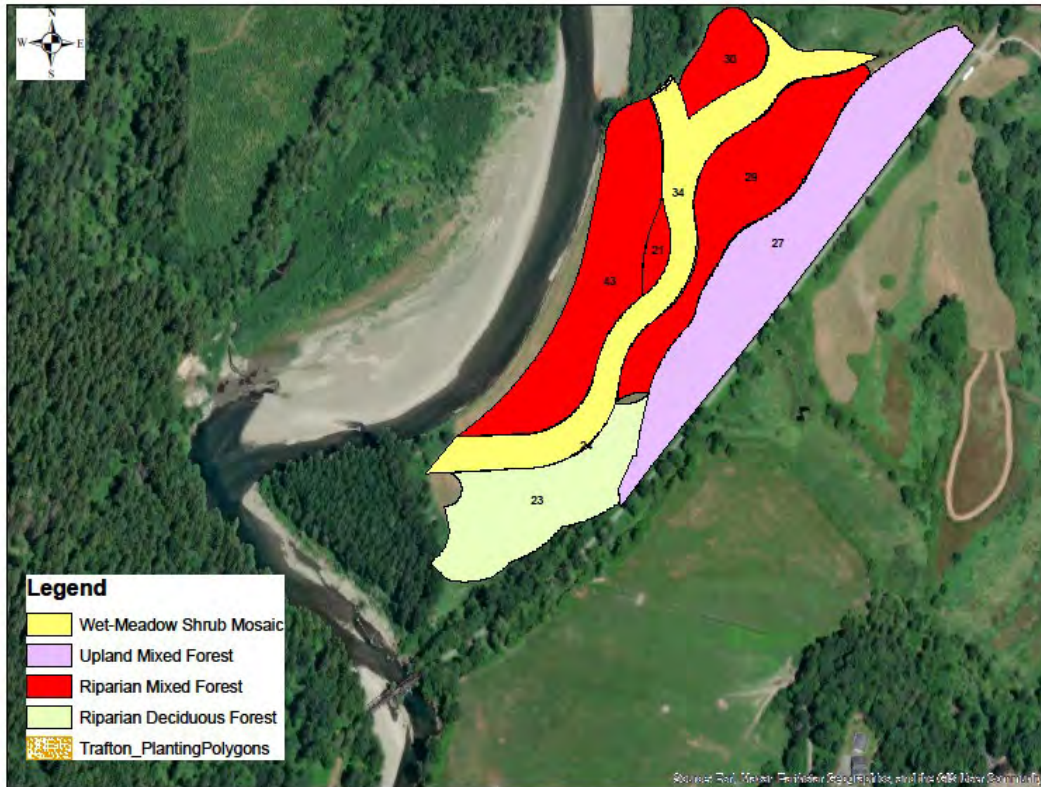
Table 3. Native woody-stem plant seed mixes including botanical name, composition & application rate.

| | RIPARIAN DECIDUOUS / RIPARIAN MIXED FOREST | | UPLAND MIXED FOREST | | WET MEADOW/ SHRUB MOSAIC | |
|------------------------------|---|-----------------------------------|-----------------------------------|--------------------------------|-------------------------------------|--------------------------------|
| Botanical Name | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) | APPLICATION RATE (LBS/1000 SF) | APPLICATION RATE (LBS/ACRE) |
| <i>Alnus rubra</i> | 0.007 | 0.30 | 0.002 | 0.1 | 0.000 | 0 |
| <i>Cornus sericea</i> | 0.007 | 0.30 | 0.000 | 0 | 0.011 | 0.5 |
| <i>Mahonia aquifolium</i> | 0.005 | 0.20 | 0.005 | 0.2 | 0.000 | 0 |
| <i>Oemleria cerasiformis</i> | 0.018 | 0.80 | 0.018 | 0.8 | 0.000 | 0 |
| <i>Rosa nutkana</i> | 0.017 | 0.75 | 0.017 | 0.75 | 0.011 | 0.5 |
| <i>Rubus spectabilis</i> | 0.011 | 0.50 | 0.011 | 0.5 | 0.011 | 0.5 |
| <i>Symphoricarpos albus</i> | 0.011 | 0.50 | 0.011 | 0.5 | 0.006 | 0.25 |
| TOTAL | 0.08 | 3.35 | 0.065 | 2.85 | 0.040 | 1.75 |

Table 4. Plant schedule for Upland Mixed Forest Polygon FID 27.

| Botanical Name | Common Name | % of Mix | Spacing (FOC) | FID 27 Est_QTY |
|------------------------------|-----------------------|----------|---------------|----------------|
| <i>Abies grandis</i> | grand fir | 10% | 20 | 114 |
| <i>Acer macrophyllum</i> | bigleaf maple | 20% | 20 | 228 |
| <i>Alnus rubra</i> | red alder | 10% | 20 | 116 |
| <i>Frangula purshiana</i> | cascara | 10% | 20 | 116 |
| <i>Prunus emarginata</i> | bitter cherry | 5% | 20 | 56 |
| <i>Pseudotsuga menziesii</i> | Douglas fir | 30% | 20 | 341 |
| <i>Tsuga heterophylla</i> | western hemlock | 15% | 20 | 177 |
| <i>Amelanchier alnifolia</i> | serviceberry | 10% | 10 | 339 |
| <i>Vaccinium ovatum</i> | evergreen huckleberry | 5% | 10 | 172 |
| <i>Polystichum munitum</i> | western sword fern | 5% | 10 | 172 |
| <i>Mahonia nervosa</i> | low Oregon grape | 15% | 10 | 511 |
| <i>Mahonia aquifolium</i> | tall Oregon grape | 5% | 10 | 172 |
| <i>Acer circinatum</i> | vine maple | 10% | 10 | 339 |
| <i>Sambucus racemosa</i> | red elderberry | 5% | 10 | 172 |
| <i>Oemleria cerasiformis</i> | osoberry | 10% | 10 | 339 |
| <i>Ribes sanguineum</i> | red flowering currant | 10% | 10 | 339 |
| <i>Corylus cornuta</i> | beaked hazelnut | 10% | 10 | 339 |
| <i>Rubus parviflorus</i> | thimbleberry | 10% | 10 | 339 |
| <i>Symphocarpos albus</i> | snowberry | 5% | 10 | 172 |

Map 1. Trafton Reach Floodplain Restoration N.F. Stillaguamish River Snohomish County Parks Property Polygons.



Map 2. Trafton Reach Floodplain Restoration N.F. Stillaguamish River Planting Overview.

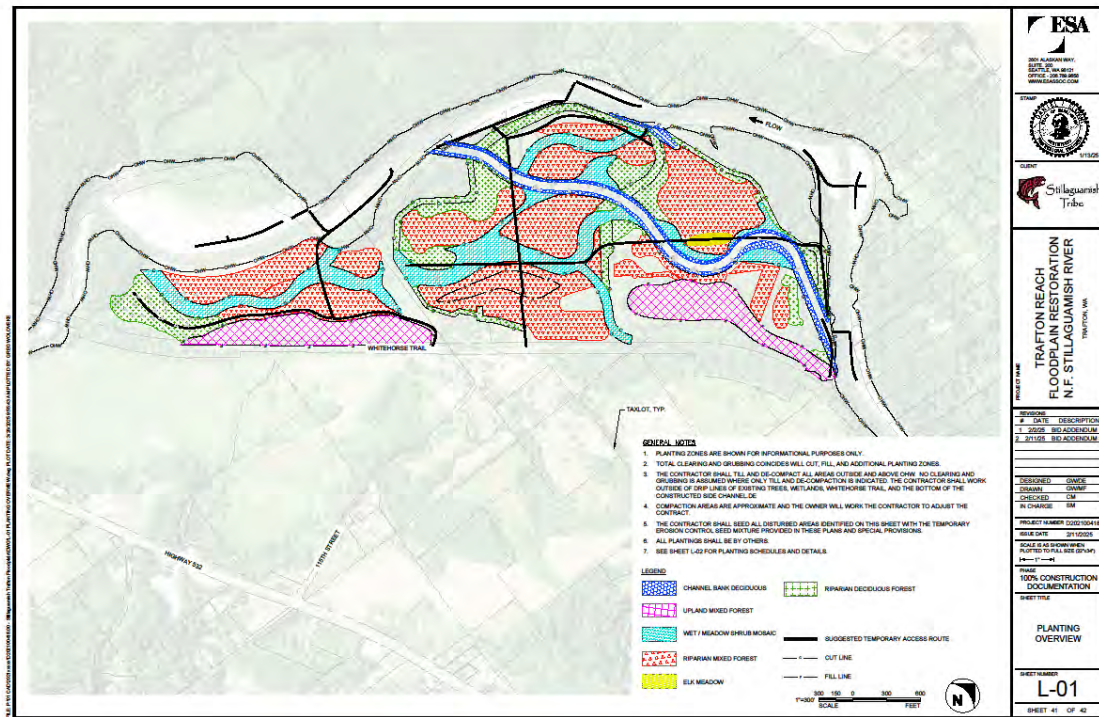


Figure 1. Proposed schedule for riparian restoration at Trafton Reach Floodplain Restoration N.F. Stillaguamish River project.

| Date: | 3/31/2025 | Schedule | | 2025-2026 | 2026 | 2027 | | | | 2028 | | | | 2029 | | | | 2030 | | | |
|-------------|---------------------------|----------|-----------|--------------|---------|----------|---|----|----|------|---|----|----|-----------------------------------|---|----|----|---|----|----|----|
| Polygon_FID | Zone | Area_AC | Ownership | Q2-Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| 27 | Upland Mixed Forest | 10.47 | SnoCo | Construction | Seeding | Planting | Vegetation Surveys / Invasive Plant Control | | | | Vegetation Surveys / Invasive Plant Control | | | Reserve for supplemental planting | Vegetation Surveys / Invasive Plant Control | | | Vegetation Surveys / Invasive Plant Control | | | |
| 23 | Riparian Deciduous Forest | 5.61 | SnoCo | | Seeding | | | | | | | | | | | | | | | | |
| 21 | Riparian Mixed Forest | 0.53 | SnoCo | | Seeding | | | | | | | | | | | | | | | | |
| 29 | Riparian Mixed Forest | 6.16 | SnoCo | | Seeding | | | | | | | | | | | | | | | | |
| 30 | Riparian Mixed Forest | 1.87 | SnoCo | | Seeding | | | | | | | | | | | | | | | | |
| 43 | Riparian Mixed Forest | 7.03 | SnoCo | | Seeding | | | | | | | | | | | | | | | | |
| 34 | Wet Meadow Shrub Mosaic | 7.48 | SnoCo | | Seeding | | | | | | | | | | | | | | | | |

EXHIBIT C



Title: NPDES Procedure – All Parties

Document Information

| | |
|--|--|
| 1. Procedure Type: Department | Governing Department: Parks |
| 2. Procedure Owner: | Todd McNeal, NPDES Lead |
| 3. Status: FINAL | Next Review: 09/01/2027 |
| 4. Regulatory Source(s): OTHER Permit | Other: Phase I Municipal Stormwater |
| 5. Retention Schedule: 3 Year | Designation: Essential |

PURPOSE: This Procedure outlines responsibilities of all parties under any contractual agreement with Snohomish County Parks & Recreation Division in regards to the [National Pollutant Discharge Elimination System \(NPDES\) municipal stormwater permit](#) held by Snohomish County

THIS PROCEDURE APPLIES TO: This Procedure applies to all parties (PART(Y/IES)) under contractual agreement with Snohomish County Division of Parks & Recreation (PARKS). Contractual agreements covered by this procedure include, but are not limited to, construction contracts, lease agreements, facility license agreements, right-of entry permits, special use permits and interlocal and interdepartmental agreements.

PROCEDURE:

AUTHORITY: A Phase I Municipal Stormwater Permit, was issued to Snohomish County by Washington State Department of Ecology on July 1, 2024 as authorized by the State of Washington Water Pollution Control Law, Chapter 90.48 Revised Code of Washington (RCW), and the Federal Water Pollution Control Act. The permit requires the County to establish procedures that will eliminate, reduce or minimize pollutant discharges to surface waters.

COMPLIANCE WITH OTHER LAWS: Compliance with this procedure does not constitute waivers of the requirements of any other law or regulation; nor does it indicate compliance with any other law or regulation. Compliance with all applicable federal, state, and local laws and regulations is required.

COUNTY ACCESS: County personnel shall have reasonable access to all Park property to conduct annual inspection and maintenance activities, perform audits of user activities, and respond as necessary to all spills or other emergencies.

SOURCE CONTROL: SCC Chapter 7.53 requires any person storing or using materials that may contain contaminants in a manner that could result in prohibited discharges to streams, lakes, groundwater or the County's storm sewer to implement source control BMPs. Source control BMPs include, but are not limited to those described in Volume IV of the county Stormwater Management Manual. The PARTY shall be responsible for utilizing all known, available, and reasonable methods of prevention, control and treatment (AKART) to prevent pollution from entering waters of the state, and for providing the proper training to all individuals engaged in such activities. The PARTY shall conduct all activities in a safe, responsible manner and in accordance with all governing regulations or laws. Activities that have the potential for being pollution generating and are subject to this requirement include, but are not limited to the following:

- Application of fertilizers and pesticides
- Building exterior cleaning and maintenance
- Chemical handling
- Cleaning of animal handling areas
- Dust control
- Fueling of equipment and vehicles
- Land disturbance activities (soil erosion)
- Landscape maintenance and vegetation disposal
- Maintenance of equipment and vehicles
- Paving operations
- Trash and pet waste management
- Vehicle washing
- Snow and ice control
- Maintaining roadside areas, including street sweeping

SPILL RESPONSE, CONTAINMENT AND REPORTING REQUIREMENTS: PARTIES that engage in activities that pose a risk of polluting waters of the state must have a spill response plan that addresses prevention, spill control, containment, cleanup, and response. A copy must be made available to PARKS at their request. Spill containment and cleanup kits must be readily accessible. All spills shall immediately be reported to PARKS by contacting the Parks NPDES Lead at (425) 309-6624 and to all appropriate agencies identified in the PARTIES Spill Response Plan.

REVISIONS TO PROCEDURE – This procedure shall be revised and updated as needed to adhere to Snohomish County Phase I Municipal Stormwater Permit revisions, or procedure modifications required by PARKS. All revisions shall be numbered and dated and provided to PARTIES.

RECORDS:

Records associated with this procedure include the authorizing contractual agreement to which this procedure will be attached, documents associated with any spill reporting and any reports that staff generate associated with.

DEFINITIONS:

Definitions applicable to this Procedure:

- "Contaminant" means a solid, liquid, or gaseous substance that, if discharged to a drainage facility, natural drainage system, receiving waters or groundwater, will alter the physical, chemical, or biological properties thereof to the extent that the discharge will render the facility, system, or water harmful, detrimental, or injurious to the public health, safety, or welfare, or to domestic, commercial, industrial, agricultural, recreational, or other legitimate beneficial uses, or to livestock, wild animals, birds, fish, or other aquatic life. Contaminants may include, but are not limited to the following: trash or debris; construction materials; petroleum products including but not limited to oil, gasoline, grease, fuel oil or heating oil; antifreeze and other automotive products; metals in either particulate or dissolved form; flammable or explosive materials; radioactive material; batteries; acids, alkalis, or bases; paints, stains, resins, lacquers, or varnishes; degreasers and solvents; drain cleaners; pesticides, herbicides, or fertilizers; steam cleaning wastes; soaps, detergents, or ammonia; chlorine, bromine, or other disinfectants; heated water; animal wastes; sewage; animal carcasses; food wastes; bark, soils, sediment, rock and other fibrous materials; collected lawn clippings, leaves, or branches; dyes, except as allowed in SCC 7.53.090(11); and wastewater generated by commercial or industrial activities.
- "Discharge" means to throw, drain, release, dump, spill, empty, emit, or pour any matter into receiving waters, groundwater, a natural drainage system, or a drainage facility, or to cause or allow matter to be thrown, drained, released, dumped, spilled, emptied, emitted or poured into receiving waters, groundwater, a natural drainage system, or a drainage facility, or to cause or allow matter to flow, run, or seep from land into receiving waters, groundwater, a natural drainage system, or a drainage facility.
- "Drainage facility" means any part of a man-made physical system designed or constructed to collect, treat convey, store, or control the flow of stormwater. Drainage facilities include, but are not limited to, storm water conveyance and containment facilities, including pipelines, constructed channels and ditches, infiltration facilities, retention and detention facilities, stormwater treatment facilities, erosion and sedimentation control facilities, and all other drainage structures and appurtenances.
- "Prohibited Discharges" means the following discharges to any drainage

facility, natural drainage system, receiving water, or groundwater within Snohomish County except as allowed in SCC 7.53.090 or conditionally allowed in SCC 7.53.095: (1) Any discharge not completely composed of stormwater; (2) Any discharge that causes or contributes to a violation of State Water Quality Standards or State Sediment Management Standards; (3) Any discharge that causes or contributes to a violation of any NPDES permit or State Waste Discharge permit issued to the county; (4) Any discharge that causes the county to be in violation of the State Underground Injection Control Program (Chapter 173-218 WAC); and (5) Any discharge that contains contaminants.

- “Source control best management practices” or “source control BMPs” means structures, equipment, supplies, or operations that are intended to prevent pollutants from coming into contact with stormwater through physical separation of areas or careful management of activities that are sources of pollutants.
- “Waters of the state” includes those waters as defined as “waters of the United States” in 40 CFR Subpart 122.2 within the geographic boundaries of Washington State and “waters of the state” as defined in Chapter 90.48 RCW which includes lakes, rivers, ponds, streams, inland waters, underground waters, salt waters and all other surface waters and watercourses including storm drainage systems and ditches within the jurisdiction of the state of Washington.

ACRONYMS:

| | |
|----------------|---|
| BMP | Best Management Practice |
| CESCL | Certified Erosion and Sediment Control Lead |
| Ecology or DOE | Washington State Department of Ecology |
| IVM | Integrated Vegetation Management |
| NPDES | National Pollutant Discharge Elimination System |
| SCC | Snohomish County Code |
| SWM | Surface Water Management |
| SWPPP | Stormwater Pollution Prevention Plan |

REVISION TABLE

| Date | Description of changes |
|------------|--|
| April 2024 | Transferred to County template. Previously identified as 011b NPDES Procedure – All Parties. |
| Sept. 2024 | Updated to reflect new permit, issued July 1, 2024 |
| | |

APPROVAL TABLE (highlighted area must always approve)

| Role/Title | Approve | Notification of Change |
|-------------------------|---------|------------------------|
| Parks Division Director | X | |

| | | |
|--------------------------------------|---|---|
| Parks Division Manager – Short Range | X | |
| Parks NPDES Lead | X | |
| DCNR Contract Specialist | | X |
| Real Property Administrator | | X |
| Operations Supervisor | | X |
| Property Officer | | X |