

The Tulalip Tribes of Washington



I-5 / 4th ST and 88th ST NE
Corridor Improvements

Tulalip Tribes Project No. 2026-014

ADDENDUM NO. 4 – August 5, 2026
to
Request for Bid Proposals

The Tulalip Tribes of Washington

ADDENDUM NO. 4 – August 5, 2026

Sealed bid proposals will be received by the Tulalip Tribes of Washington, at the Job Shack Site located at 11404 - 34th Avenue NE, Tulalip, WA for the following Project:

Tulalip Tribes *Project No. 2026-014*
I-5 / 4th ST and 88th ST NE Corridor Improvements
Tulalip, Washington

Related to Request for Bid Proposals
Bid Package 2026-014
I-5 / 4th ST and 88th ST NE Corridor Improvements

until Tuesday, August 11, 2026, at 2:00 p.m., at which time all bids will be opened and read aloud. All required bid documentation shall be submitted to 11404 - 34th Avenue NE Job Shack Site by the scheduled bid date and times. ORAL, TELEPHONIC, FAXED, OR TELEGRAPHIC BIDS WILL NOT BE ACCEPTED.

This Addendum is being issued to provide clarifications to certain Bid Document related issues and or questions received from potential Bidders related to the above Project. Submitted Request for Bid Proposals shall conform to the requirements of this Addendum. Unless specifically changed and/or amended by this Addendum all other requirements, terms and conditions of the Bid Documents and any previous addenda shall remain unchanged.

1. The following changes, additions, and/or deletions to the Bid Documents dated June 25, 2026, hereby become a part of the Bid Documents.
2. Bidders shall notify all their Subcontractors affected by this Addendum.
3. It is essential that prospective Bidders note the contents of this Addendum and the Tulalip Tribes of Washington be made aware the Addendum has been received. Therefore, Bidder shall acknowledge receipt of this Addendum on the Request for Bid Proposal form.

CLARIFICATIONS

Contractor questions and responses through August 4, 2026, have been provided for information only. Provisions of Contract Documents remain in full force and effect and are not impacted from the information attached to this Addendum.

Addendums 2 and 3 incorrectly changed the Bid Document date shown above. June 25, 2026 is the correct date that all changes are based from.

NOTICE TO BIDDERS

1. No Change.

INSTRUCTIONS TO BIDDERS

1. No Change

SPECIFICATIONS

1. No Change

DRAWINGS

1. Volume 3
Sheets ILW8, RRFB Details - WSDOT; ILW9, Illumination & RRFB Notes and Schematics – WSDOT; SN2, SN4, SN5, Signing Plans; SS1-SS4, Sign Specifications.
2. Volume 4
Sheets ILW8, RRFB Details - WSDOT; ILW9, Illumination & RRFB Notes and Schematics – WSDOT; SN2, SN3, SN5, SN6, Signing Plans; SS1-SS4, Sign Specifications; WA1-WA6 SEW Wall plans.

BID PROPOSAL FORM

1. Pages BPF-22 to BPF-40 are replaced as indicated below in the attachments.

CONTRACT FORM

1. No change

ATTACHMENTS

1. Updated Tulalip Tribes Building Permit (BP 2026-15), Tulalip Tribes Grading Permit (GP 2026-22), and Tulalip Tribes Demolition Permit (DP 2026-023)
2. Volume 3 Sheets ILW8, ILW9, SN2, SN4, SN5, SS1-SS4
3. Volume 4 Sheets ILW8, ILW9, SN2, SN3, SN5, SN6, SS1-SS4, WA1-WA6 SEW Wall plans
4. Bid Proposal Form pages BPF-22 to BPF-40 (bid schedules G, H, I and J)
5. Department of Ecology NPDES Construction Stormwater General Permit coverage letter and Administrative Order and associated SWPPP
6. Contractor Clarifications Q&A

END OF ADDENDUM NO. 4



THE TULALIP TRIBES

Building Permit



PERMIT NO. *BP 2026-015 (associated w/DP 2026-023 & GP 2026-022)*

Applicant: Christina Parker
Site Address: I-5 & 4th Street, I-5 & 88th Street NE, Tulalip WA 98271
Property Owner: Tulalip Tribes
Legal Description: Sec 29/28, T. 30N, R. 5E, Sec 20/21, T. 30N, R. 5E
Zoning: Urban Mixed Use (UM)
Use: Infrastructure
Proposal: Roadway Improvements
Fee: \$164,386.54
Decision: **APPROVED WITH CONDITIONS**

BACKGROUND:

This permit is conditionally approved for work associated with the I-5/4th Street and 88th Street NE Corridor Improvements Project including installation of retaining walls, replacement of signaled intersections with roundabouts, channelization improvements entering and exiting the roundabouts, reconfigured pedestrian and bicycle access, and Stormwater treatment and flow control.

Completed Inadvertent Discovery Plan (IDP) must be provided to Tulalip Planning Department prior to start of construction permits@tulaliptribes-nsn.gov

CONDITIONS:

1. This permit is approved for the purpose of installing roadway improvements as described in the background section above as shown by the plans on file with the Tulalip Tribes Planning Department.
2. The improvements shall be constructed consistent with the standards set forth in the 2015 International Building Code, the 2015 International Fire Code, the 2015 International Mechanical Code, the 2015 Uniform Plumbing Code and the 2015 Washington State Energy Code, or newer versions of these codes.
3. This permit and construction plan set shall be kept at the job site at all times during construction. Any major modifications shall be submitted to the planning department for review and approval.
4. All contractors and sub-contractors shall have a current Tulalip Business License to perform work within the Tulalip Indian Reservation. Please contact Tax & Licensing at (360) 716- 4209 or tld@tulaliptribes-nsn.gov.

5. This project shall be consistent with Tulalip Tribal Employment Rights Ordinances (TERO): Contact the TERO Department at (360) 716-4747 or terocompliance@tulaliptribes-nsn.gov to complete the TERO Compliance Plan for this project.
6. This permit is subject to inspections. Please contact Tulalip Tribes Transportation Department, Christina Parker at (360) 716-5026 christinaparker@tulaliptribes-nsn.gov or Nicole Smith at (360) 716-4697 nicolesmith@tulaliptribes-nsn.gov
7. There shall be unlimited access to the site for the Tulalip Tribes for the purpose of monitoring permit conditions on site.

Utilities and Noise

8. Staging and stockpile areas with stored equipment, stored material, and/or dumpsters shall be safely secured and located in a safe place away from utilities, septic systems, steep slopes, property lines, wetlands, and streams. The following setbacks shall be observed:
 - a. Front setback of at least 25ft to all arterial roads
 - b. Front setback of at least 10 ft to all non-arterial roads
 - c. Side and rear setbacks of 10 ft
9. The contractor shall call Tulalip Tribes Utilities Department at least two days prior to work to locate underground utilities by calling (360) 716-4840.
10. Prior to commencing work all underground utilities boundaries shall be located and clearly marked on-site.
11. The sound level for construction activity shall not average greater than 75 decibels during any one-hour period measured at or within property lines during evening/morning hours of 7:00 p.m. to 6:59 a.m.
12. A noise exemption for construction activity is granted during daytime/evening hours of 7:00 a.m. to 6:59 p.m.
13. As built plans for all infrastructure including modifications shall be provided to the Tulalip GIS department upon project completion. Jacob McDermott: jmcdermott@tulaliptribes-nsn.gov, Jit Roopra: jroopra@tulaliptribes-nsn.gov

Cultural Resource Notification Requirements:

14. The Tribal Cultural Preservation Officer, Richard Young and Gene Enick, must be notified at least 48 hours in advance of any ground disturbing activity.

Cultural Resources Contacts:

Richard Young - Email: ryoung@tulaliptribes-nsn.gov Phone: 425-622-4303

Gene Enick - Email: genick@tulaliptribes-nsn.gov Phone: 360-716-2653

15. Email notification is required by the contractor and it's highly recommended that the contractor cc the project manager, applicant, and/or Planning Department on any and all email notification to Cultural Resources staff in order to verify notification compliance.

16. Cultural Resources Contacts:

Richard Young - Email: ryoung@tulaliptribes-nsn.gov Phone: 425-622-4303

Gene Enick - Email: genick@tulaliptribes-nsn.gov Phone: 360-716-2653

Cultural Resource Protection:

17. In the event any archaeological resources, human remains or funerary objects are discovered during trenching, grading and any other ground disturbing activities, all work must immediately cease.
18. If human remains are encountered, the Tulalip Police Department must be notified immediately. If it is determined that the remains are not forensic and that they are Native American, contact the Tribal Cultural Preservation Officer regarding the final disposition of the remains.
19. In the event cultural materials are found such as shell middens, fire cracked rock associated with isolated tools such as scrapers, choppers, cores, flakes, and projectile points, all work must immediately cease.

Natural Resource Protection:

20. The contractor must follow the Stormwater Pollution Prevention Plan (SWPPP) for erosion and sediment control to avoid any offsite erosion
21. During construction appropriate best management practices shall be applied:
 - Disturbance limits will be marked on site plan as well as on site with high visibility fencing or flagging. The clearing or grading activity shall not exceed these limits.
 - Slopes (if present) shall be protected to prevent erosion. Best Management Practices (BMPs) to achieve this performance standard could include erosion control blankets, matting or plastic that is staked/tacked and weighted down.

- During rain events, any stormwater that leaves the site shall be free of mud and debris, using appropriate best management practices. These BMPs could include silt fences, temporary infiltration pond, or other best management practices.
- During dry weather, dust shall be reduced by watering down the site.
- Paved streets shall be kept clean from dirt and mud. BMPs to achieve this performance standard could include a construction entrance, wheel wash or street sweeping. Any street drains on or adjacent to the site shall be protected with filter fabric and straw wattles.
- Any soil/sand piles that are not being used for 24-48 hours shall be covered with plastic.
- Any potentially hazardous materials, such as gasoline, oil, pesticides, herbicides, solvents, etc., shall be removed from the site prior to mechanical demolition activities. The hazardous materials must be removed from the site and disposed of properly according to Tulalip Tribal Code. If any hazardous material is temporarily stored on site, it must be stored in a covered area with spill containment measures and equipment.
- If spillage or discharge of hazardous material is observed to have occurred, or is occurring, prior to demolition work (e.g., leaking barrels), notify the Planning Department immediately. Additionally, the Planning Department should be notified if spillage inadvertently occurs during demolition.
- All bare soil areas will be seeded or stabilized such that no erosion or sedimentation shall occur as a result of final site conditions.

22. The Tulalip Tribes Planning Department shall first approve any modifications to the conditions set forth in this permit. Please contact Michelle Stewart, Associate Planner II at (360) 716-4213 to ensure compliance with the CONDITIONS STATED IN THIS APPROVED PERMIT.

23. THIS PERMIT IS SUBJECT TO TITLE 7 LAND USE CODES AND ALL ITS PROVISIONS.

Important Contacts	
Tulalip Transportation Manager, Christina Parker	christinaparker@tulaliptribes-nsn.gov (360) 716-5026
Tulalip Transportation Senior Project Manager, Nicole Smith	nsmith@tulaliptribes-nsn.gov (360) 716-4697
Tulalip Cultural Resources, Richard Young	ryoung@tulaliptribes-nsn.gov (425) 622-4303

Tulalip Cultural Resources, Gene Enick	genick@tulaliptribes-nsn.gov (425) 716-2653
Tulalip Stormwater Planner, Valerie Streeter	vstreeter@tulaliptribes-nsn.gov (360) 716-7697
WA St. Dept. of Labor & Industries (Electrical Permits & Inspections)	----- (425) 290-1300
Tulalip Planning Department	----- (360) 716-4214
Tulalip Utilities	----- (360) 716-4840
Tulalip Business License	----- (360) 716-4209

Permit BP 2026-015 is hereby APPROVED:


Gus Taylor, Executive Director
Public Works

8-3-26
Date



THE TULALIP TRIBES

Grading Permit



PERMIT NO. GP 2026-022 (associated w/DP 2026-023 & BP 2026-015)
Applicant: Christina Parker, Tulalip Tribes Transportation Department
Property Owner: Tulalip Tribes
Location: I-5 & 4th Street, I-5 & 88th Street NE, Tulalip WA 98271
Legal Description: Sec 29/28, T. 30N, R. 5E, Sec 20/21, T. 30N, R. 5E
Zoning: Urban Mixed Use (UM)
Permitted Use: Infrastructure
Proposal: Roadway Improvements (Drainage, Erosion, Stormwater)
Fee: \$400
Decision: **APPROVED WITH CONDITIONS**

BACKGROUND:

This permit is conditionally approved for work associated with the I-5/4th Street and 88th Street NE Corridor Improvements Project.

Work for 4th Street includes: New and replaced enclosed drainage systems, Replaced roadside drainage ditches, Modification to an existing bioretention area, Infiltration trench, Stormwater treatment vaults.

Work for 88th Street NE includes: New and replaced enclosed drainage systems, Replaced culverts, Infiltration ponds, Infiltration vaults, and Stormwater treatment vaults.

Completed Inadvertent Discovery Plan (IDP) must be provided to Tulalip Planning Department prior to start of construction permits@tulaliptribes-nsn.gov

CONDITIONS:

1. This permit is approved for grading and site work associated with the I-5/4th Street & 88th Street NE Corridor Improvement Project as shown in the construction plans on file with the Planning Department.
2. This permit and construction plans set shall be kept at the job site at all times during construction. Any major modifications shall be submitted to the planning department for review and approval.
3. Prior to commencing excavation work all underground utilities shall be located and clearly marked on-site. The contractor shall call Tulalip Tribes Utilities Department at least two days prior to work to locate underground utilities (360) 716-4840.
4. This project shall be consistent with Tulalip Tribal Employment Rights Ordinance (TERO): Contact the TERO Department at (360) 716-4747 or terocompliance@tulaliptribes-nsn.gov.

5. All contractors and sub-contractors shall have a current Tulalip Business License in order to perform work within the Tulalip Indian Reservation. Please contact Tax & Licensing at (360) 716-4209 or tld@tulaliptribes-nsn.gov.
6. This permit is subject to inspections. Please contact Tulalip Tribes Transportation Department: Christina Parker at (360) 716-5026 christinaparker@tulaliptribes-nsn.gov or Nicole Smith at (360) 716-4697 nicolesmith@tulaliptribes-nsn.gov

Setbacks, Access, Parking, Safety and Noise

7. Staging and stockpile areas with stored equipment, stored material, and/or dumpsters shall be safely secured and located in a safe place away from utilities, septic systems, steep slopes, property lines, wetlands, and streams. Ensure containers are at least 25ft away from front property lines at 4th Street and 88th Street NE. Containers should be 10 ft away from all other property edges.
8. The sound level for construction activity shall not average greater than 75 decibels during any one-hour period measured at or within property lines during evening/morning hours of 7:00 pm to 6:59 am
9. A noise exemption for construction activity is granted during daytime/evening hours of 7:00 a.m. to 6:59 p.m.
10. As built plans for all infrastructure including modifications shall be provided to the Tulalip GIS department upon project completion. Jacob McDermott: jmcdermott@tulaliptribes-nsn.gov, Jit Roopra: jroopra@tulaliptribes-nsn.gov

Cultural Resource Protection:

11. In the event any archaeological resources, human remains or funerary objects are discovered during trenching, grading and any other ground disturbing activities, all work must immediately cease.
12. If human remains are encountered, the Tulalip Police Department must be notified immediately. If it is determined that the remains are not forensic and that they are Native American, the Tribal Cultural Preservation Officer will be consulted regarding the final disposition of the remains.
13. In the event cultural materials are found such as shell middens, fire cracked rock associated with isolated tools such as scrapers, choppers, cores, flakes, and projectile points, all work must immediately cease.

Cultural Resource Notification Requirements:

14. The Tribal Cultural Preservation Officers, Richard Young & Gene Enick, must be notified at least 48 hours in advance of any ground disturbing activity.

Cultural Resources Contacts:

Richard Young - Email: ryoung@tulaliptribes-nsn.gov Phone: 425-622-4303 (cell)
Gene Enick - Email: genick@tulaliptribes-nsn.gov Phone: 360-716-2653

Email notification is required by the contractor and it is highly recommended that the contractor “CC” the project manager, applicant, and/or Planning Department on any and all email notification to Cultural Resources staff in order to verify notification compliance.

Natural Resource Protection

15. The contractor must follow the Stormwater Pollution Prevention Plan (SWPPP) for erosion and sediment control to avoid any offsite erosion.
16. During construction best management practices shall be applied:
 - Disturbance limits will be marked on site plan as well as on site with high visibility fencing or flagging. The clearing or grading activity shall not exceed these limits.
 - Slopes shall be protected to prevent erosion. Best Management Practices (BMPs) to achieve this performance standard could include silt fences, wattles/compost socks, erosion control blankets, or matting or plastic that is staked/tacked and weighted down.
 - During rain events, any stormwater that leaves the site shall be free of mud and debris, using appropriate best management practices. These BMPs could include silt fences, temporary infiltration pond, or other best management practices.
 - During dry weather, dust shall be reduced by watering down the site.
 - Paved streets shall be kept clean from dirt and mud. BMPs to achieve this performance standard shall include a stabilized construction access as described in the project Stormwater Pollution Prevention Plan. Any street drains on or adjacent to the site shall be protected with filter fabric and straw wattles.
 - Any soil/sand piles that are not being used for 24-48 hours shall be covered with plastic.
 - The Contractor must prevent hazardous material leaks and spills through proper maintenance and inspection of equipment. If any hazardous material is temporarily stored on site, it must be stored in a covered area with spill containment measures and equipment.
 - All bare soil areas will be seeded or stabilized such that no erosion or sedimentation shall occur as a result of final site conditions.
17. There shall be unlimited access to the site for the Tulalip Tribes for the purpose of monitoring permit conditions in the project area.
18. The Tulalip Planning Department shall first approve any modifications to the plans and conditions set forth in this permit. Please contact Michelle Stewart – Associate

Planner II at (360) 716-4213, upon final project completion to ensure compliance with the CONDITIONS STATED IN THIS APPROVED PERMIT.

19. THIS PERMIT IS SUBJECT TO TITLE #7 LAND USE AND ALL ITS PROVISIONS.

<u>Important Contacts</u>	
Tulalip Planning Department	-----permits@tulaliptribes-nsn.gov ----- (360) 716-4214
Tulalip Cultural Resources, Richard Young	----- (425) 622-4303
Tulalip Cultural Resources, Gene Enick	----- (360) 716-2653
Tulalip Transportation Manager, Christina Parker	-----christinaparker@tulaliptribes-nsn.gov ----- (360) 716-5026
Tulalip Transportation Senior Project Manager, Nicole Smith	-----nicolesmith@tulaliptribes-nsn.gov ----- (360) 716-4697
Tulalip Stormwater Planner, Valerie Streeter	-----vstreeter@tulaliptribes-nsn.gov ----- (360) 716 4629
Tulalip Utilities	----- (360) 716-4840
Tulalip Business License	----- (360) 716-4209
Tulalip Tribal Employment Rights	----- (360) 716-4749

Permit GP 2026-022 is hereby APPROVED:



Gus Taylor, Public Works Executive Director

8-3-24

Date



THE TULALIP TRIBES

Demolition Permit



PERMIT NO. *DP 2026-023 (associated w/BP 2026-015 & GP 2026-022)*

Applicant: Christina Parker – Tulalip Tribes Transportation Department
Property Owner: Tulalip Tribes
Ownership Type: Trust Lands Owned by Tulalip Tribes
Location: I-5 & 4th Street, I-5 & 88th Street NE, Tulalip WA 98271
Legal Description: Sec 29/28, T. 30N, R. 5E, Sec 20/21, T. 30N, R. 5E
Proposal: Removal of pavement, guard rails, curb & gutter, walls, signals
Zone: Urban Mixed Use (UM)
Use: Infrastructure
Fee: \$160
Decision: **APPROVED WITH CONDITIONS**

SCOPE OF WORK & BACKGROUND:

This permit is conditionally approved for work associated with the I-5 4th Street & 88th Street NE Corridor Improvements project. Work includes: demolition and debris removal of the old “Q” casino sign, pavement, guard rails, curb & gutter, walls, and signals in preparation for construction at both I-5 & 4th Street/88th Street NE project locations.

Completed Inadvertent Discovery Plan (IDP) must be provided to Tulalip Planning Department prior to start of construction permits@tulaliptribes-nsn.gov

ASBESTOS TESTING BACKGROUND INFORMATION:

No building demolition is involved in either project locations.

CONDITIONS:

1. The applicant shall follow the approved demolition work plan on file with the Planning Department.
2. Permit and work plan shall be provided to the general contractor and any sub-contractors and kept at the job site at all times while work is performed. These documents must be readily available for reference by the construction supervisor, construction managers, foreman, and Tribal inspectors.
3. The applicant shall ensure that project managers, construction managers, foreman, and other responsible parties, have read and understand the approved set of plans, permit, and other approved documents to avoid violations or noncompliance with this permit.
4. All contractors and sub-contractors shall have a current Tulalip Business License in order to perform work within the Tulalip Indian Reservation. Please contact Tax & Licensing at (360) 716-4209 or tld@tulaliptribes-nsn.gov.
5. This project shall be consistent with Tulalip Tribal Employment Rights Ordinance (TERO): Contact the TERO Department at (360) 716-4747 or terocompliance@tulaliptribes-nsn.gov.

6. This permit is subject to inspections. Please contact Tulalip Tribes Transportation Department: Christina Parker at (360) 716-5026 christinaparker@tulaliptribes-nsn.gov or Nicole Smith at (360) 716-4697 or nicolesmith@tulaliptribes-nsn.gov to coordinate.

Safety, Setbacks, Noise, Utilities, and Traffic Control:

7. For any and all demolition work contractors must follow all applicable EPA requirements for sampling, notification, abatement, and clean air testing. See link for more information on EPA regulations. <https://www.epa.gov/asbestos/asbestos-laws-and-regulations>
8. The sound level for the demolition activity shall not average greater than 75 decibels during any one-hour period measured at or within property lines during evening/morning hours of 7:00 p.m. to 6:59 a.m.
9. A noise exemption for demolition activity is granted during daytime/evening hours of 7:00 a.m. to 6:59 p.m.
10. Neighboring residents shall be informed, at least 24 hours in advance, of any demolition activity.
11. 25ft front setback to all arterial roads, 10ft setback to all non-arterial roads, and 10ft side and rear setback from the property lines must be maintained in a Urban Mixed Use (UM) zone.
12. Staging and stockpile areas with stored equipment, stored material, and/or dumpsters shall be safely secured, covered, and located in a safe place away from utilities, septic systems, steep slopes, property lines, wetlands, and streams. Ensure that containers are placed at least 25ft away from the front property lines at 4th Street/88th Street NE & 10 ft away from all other property edges.
13. The demolition site shall be fenced before, during, and after demolition to ensure public safety on site. Only after the site has received final inspection shall the safety fencing be removed.
14. Signage of the demolition should be found at all entrances of the property.
15. A traffic control plan must be approved by Tulalip Transportation Dept. prior to blocking traffic on public roads. Please contact Tulalip Tribes Transportation Department: Christina Parker at (360) 716-5026 christinaparker@tulaliptribes-nsn.gov or Nicole Smith at (360) 716-4697 or nicolesmith@tulaliptribes-nsn.gov to coordinate.

Cultural Resource Protection & Monitoring Requirements:

16. The Tribal Cultural Preservation Officers, Richard Young & Gene Enick must be notified at least 48 hours in advance of any ground disturbing activity.

Cultural Resources Contacts:

Richard Young - Email: ryoung@tulaliptribes-nsn.gov Phone: 425-622-4303

Gene Enick - Email: genick@tulaliptribes-nsn.gov Phone: 360-716-2653

17. An inadvertent discovery plan (IDP) must be filled out and submitted to the Planning Department prior to ground disturbing activity: permits@tulaliptribes-nsn.gov
18. Email notification is required by the contractor and it's highly recommended that the contractor "CC" the project manager, applicant, and/or Planning Department on any and all email notification to Cultural Resources staff in order to verify notification compliance.
19. In the event any archaeological resources, human remains, or funerary objects are discovered during trenching, grading and any other ground disturbing activities, all work must immediately cease.
20. If human remains are encountered, the Tulalip Police Department must be notified immediately. If it is determined that the remains are not forensic and that they are Native American, the Tribal Cultural Preservation Officer will be consulted regarding the final disposition of the remains.
21. In the event cultural materials are found such as shell middens, fire cracked rock associated with isolated tools such as scrapers, choppers, cores, flakes, and projectile points, all work must immediately cease.

Natural Resource Protection:

22. A stormwater pollution prevention plan (SWPPP) must be filled out and submitted to Tulalip Planning Department prior to start of construction: permits@tulaliptribes-nsn.gov
23. During demolition appropriate best management practices shall be applied:
 - Disturbance limits will be marked on site plan as well as on-site with high visibility fencing or flagging. The demolition activity shall not exceed these limits.
 - Slopes (if present) shall be protected to prevent erosion. Best Management Practices (BMPs) to achieve this performance standard could include erosion control blankets, matting or plastic that are staked/tacked and weighted down.
 - Soils, bare earth and other materials stockpiled and exposed for more than 48 hours during wet periods will be covered with plastic, mulch, straw, hydroseed or with other forms of cover appropriate to the site conditions and which address the potential for erosion and sedimentation. Erosion control measures may also require the placement of sediment barriers encircling stockpiled material.
 - Remove temporary erosion and sediment control methods after job site is stabilized or within three months of project completion, whichever is sooner.
 - All erosion control materials that will remain onsite must be composed of 100% biodegradable materials.

- Temporary fills or disturbed areas must be returned to preconstruction conditions after construction is completed. Disturbed areas must be revegetated or hydroseeded.
- Plastic material and garbage must be disposed of in properly secured and covered containers throughout the demolition process
- During rain events, any stormwater that leaves the site shall be free of mud and debris, using appropriate best management practices. These BMPs could include silt fences, temporary infiltration pond, or other best management practices.
- Paved streets shall be kept clean from dirt and mud. BMPs to achieve this performance standard could include a construction entrance, wheel washing or street sweeping. Any street drains on or adjacent to the site shall be protected with filter fabric and straw wattles.
- During dry weather, dust shall be reduced by watering down the site.
- The Contractor must prevent hazardous material leaks and spills through proper maintenance and inspection of equipment.
- Any potentially hazardous materials, such as gasoline, oil, pesticides, herbicides, solvents, etc., shall be removed from the site prior to mechanical demolition activities. The hazardous materials must be removed from the site and disposed of properly according to Tulalip Tribal Code. If any hazardous material is temporarily stored on site, it must be stored in a covered area with spill containment measures and equipment.
- If spillage or discharge of hazardous material is observed to have occurred, or is occurring, prior to demolition work (e.g., leaking barrels), notify the Planning Department immediately. Additionally, the Planning Department should be notified if spillage inadvertently occurs during demolition.
- All bare soil areas will be seeded or stabilized such that no erosion or sedimentation shall occur as a result of final site conditions.

24. When work is complete, leave the site clean, in safe condition, and protected from erosion and drainage problems.
25. There shall be unlimited access to the site for the Planning Department for the Tulalip Tribes for the purpose of monitoring permit conditions on site.
26. The Tulalip Tribes Planning Department shall first approve any modifications to the scope of work, site plan, and/or conditions set forth in this permit. Please contact Michelle Stewart at (360) 716-4213, to ensure compliance with the **CONDITIONS STATED IN THIS APPROVED PERMIT**.

27. THIS PERMIT IS SUBJECT TO TULALIP TRIBAL CODES AND ALL THEIR PROVISIONS.

<u>Important Contacts</u>	
Tulalip Planning Department	-----permits@tulaliptribes-nsn.gov ----- (360) 716-4214
Tulalip Cultural Resources, Richard Young	----- (425) 622-4303
Tulalip Cultural Resources, Gene Enick	----- (360) 716-2653
Tulalip Transportation Manager, Christina Parker	-----christinaparker@tulaliptribes-nsn.gov ----- (360) 716-5026
Tulalip Transportation Senior Project Manager, Nicole Smith	-----nicolesmith@tulaliptribes-nsn.gov ----- (360) 716-4697
Tulalip Stormwater Planner, Valerie Streeter	-----vstreeter@tulaliptribes-nsn.gov ----- (360) 716 4629
Tulalip Utilities	----- (360) 716-4840
Tulalip Business License	----- (360) 716-4209
Tulalip Tribal Employment Rights	----- (360) 716-4749

Permit DP 2026-023 is hereby APPROVED:



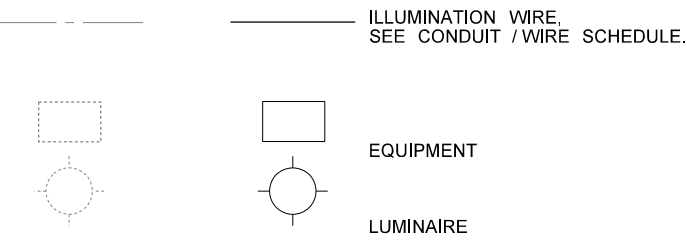
Gus Taylor, Executive Director, Public Works

8-3-26
Date

LEGEND

EXISTING

PROPOSED



4TH ST

4TH ST

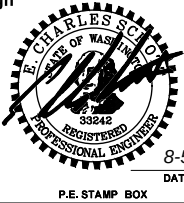
4TH ST

ILLUMINATION AND RRFB CONSTRUCTION NOTES (WSDOT):

- 1 CONSTRUCT SINGLE PAD MOUNT FOUNDATION FOR TYPE E SERVICE CABINET PER WSDOT STANDARD PLAN J-10.10. FURNISH AND INSTALL SERVICE CABINET TYPE E ON FOUNDATION PER WSDOT STANDARD PLAN J-10.22.
- 2 CONSTRUCT CEMENT CONC. FOUNDATION. FURNISH AND INSTALL RECTANGULAR RAPID FLASH BEACON SYSTEM WITH PUSHBUTTON INCLUDING RRFB UNIT (1-SIDED), TYPE FB POLE (BREAKAWAY BASE), CONTROL PANEL, WIRING, AND SIGNS (1-SIDED). INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS. ALIGN BEACONS AS DIRECTED BY ENGINEER. SEE SHEET ILW8.
- 3 CONSTRUCT CEMENT CONC. FOUNDATION. FURNISH AND INSTALL RECTANGULAR RAPID FLASH BEACON SYSTEM WITH PUSHBUTTON INCLUDING RRFB UNIT (1-SIDED), TYPE FB POLE (BREAKAWAY BASE), WIRING, AND SIGNS (1-SIDED). INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS. ALIGN BEACONS AS DIRECTED BY ENGINEER. SEE SHEET ILW8.
- 4 CONSTRUCT CEMENT CONC. FOUNDATION. FURNISH AND INSTALL RECTANGULAR RAPID FLASH BEACON SYSTEM INCLUDING RRFB UNIT (1-SIDED), TYPE FB POLE (BREAKAWAY BASE), WIRING, AND SIGNS (1-SIDED). INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS. ALIGN BEACONS AS DIRECTED BY ENGINEER. SEE SHEET ILW8.
- 5 INSTALL NEW CONDUIT INTO EXISTING JUNCTION BOX. SPLICE EXISTING CONDUCTORS TO NEW CONDUCTORS.
- 6 INTERCEPT EXISTING CONDUIT AND EXTEND TO NEW JUNCTION BOX.
- 8 SPLICE NEW ILLUMINATION CIRCUIT WIRES TO EXISTING IN JUNCTION BOX.
- 9 REMOVE AND SALVAGE EXISTING SERVICE CABINET TO WSDOT.
- 10 TERMINATE CONDUIT AND WIRE AT SNOHOMISH COUNTY PUD (PUD) SERVICE HANDHOLE. COORDINATE WITH PUD FOR FINAL SERVICE CONNECTION BY PUD.
- 11 INSTALL 480V - 240V/120V, 7.5 KVA TRANSFORMER AND TRANSFORMER CABINET PER WSDOT STD PLAN J-10.25.
- 12 REMOVE EXISTING JUNCTION BOX; INSTALL NEW TYPE 2 JUNCTION BOX. INTERCEPT EXISTING CONDUIT AND EXTEND TO NEW JUNCTION BOX.

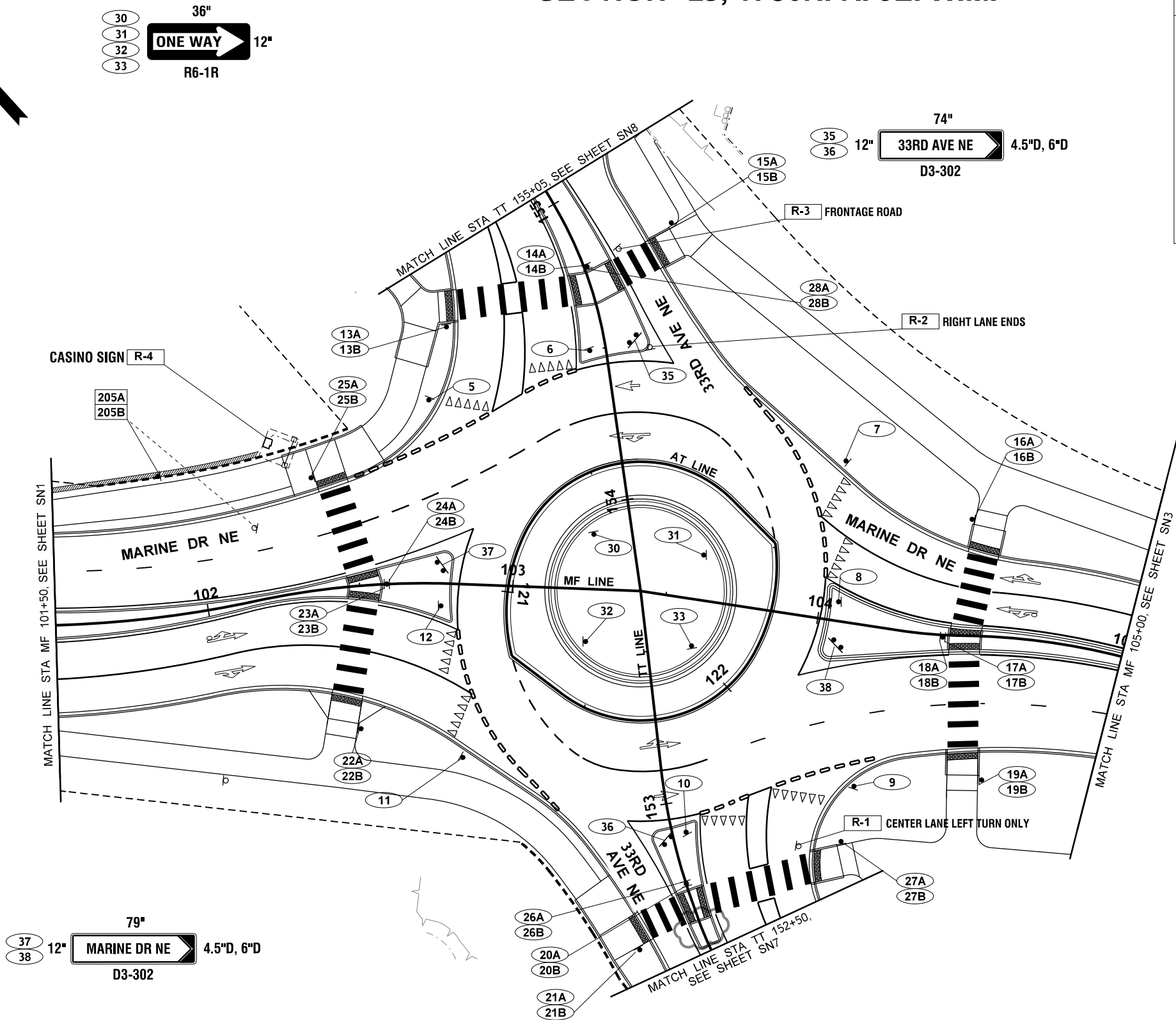
ILLUMINATION SCHEMATIC DIAGRAM -
SERVICE "W" & SUBPANEL "W2" (SAC 1773)

FILE NAME	U:\PSOI\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4thSt 88thSt Corridor\99Svc\I-CADD\IGNIPS&ESheets\4th Design Plans\PS1598131-4TH_DE_ILWp.dgn								
TIME	9:41:22 AM								
DATE	8/5/2026								
PLOTTED BY	purgabut								
DESIGNED BY	A. NAIR								
ENTERED BY	A. NAIR								
CHECKED BY	M. KENDALL								
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST AND SIGNAGE	8/4/2026	SO					
REGIONAL ADM.		REVISION	DATE	BY					

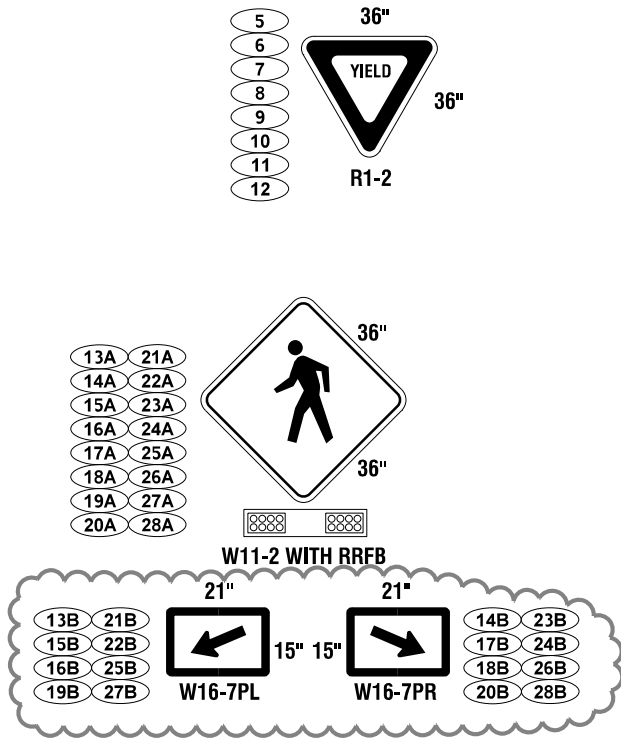


I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 3 OF 4	PLAN REF. NO. ILW9
ILLUMINATION & RRFB NOTES AND SCHEMATICS - WSDOT	SHEET 282 OF 323 SHEETS

SECTION 29, T. 30N. R. 5E. W.M.



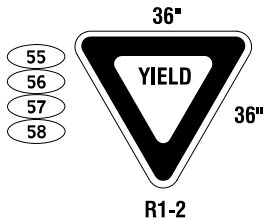
LEGEND			
(?)	SIGN NO.	(?)	OVERHEAD SIGN
R-1	SIGN REMOVAL NO.	(?)	EXISTING OVERHEAD SIGN
(?)	NEW LOCATION	(?)	EXISTING STRUCTURE MOUNTED SIGN
(?)	SIGN RELOCATION NO.	(?)	STRUCTURE MOUNTED SIGN
(?)	EXISTING LOCATION	(?)	EXISTING CANTILEVER
(?)	EXISTING SIGN(S) AND POST(S)	(?)	CANTILEVER
(?)	SIGN(S) & POST(S) OR RELOCATED SIGN(S) W/ NEW POST(S)	(?)	CONSTRUCTION NOTE (SEE SHEET SN1 FOR CONSTRUCTION NOTES)
(?)	SIGN ON PROPOSED LIGHT STANDARD	(?)	SIGN BRIDGE
		(?)	GUIDE POST
		(?)	EXISTING GUIDE POST



- GENERAL NOTES:**
1. POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
 2. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
 3. FOR STEEL SIGN SUPPORT DETAILS SEE STANDARD PLANS G-24.40-07 AND G-24.50-05.
 4. FOR GROUND MOUNTED SIGN PLACEMENT DETAILS SEE STANDARD PLAN G-24.10-02.
 5. ALL NEW SIGN SUPPORTS SHALL BE 2.5 INCH SQUARE STEEL 12 GAUGE TELES PAR.

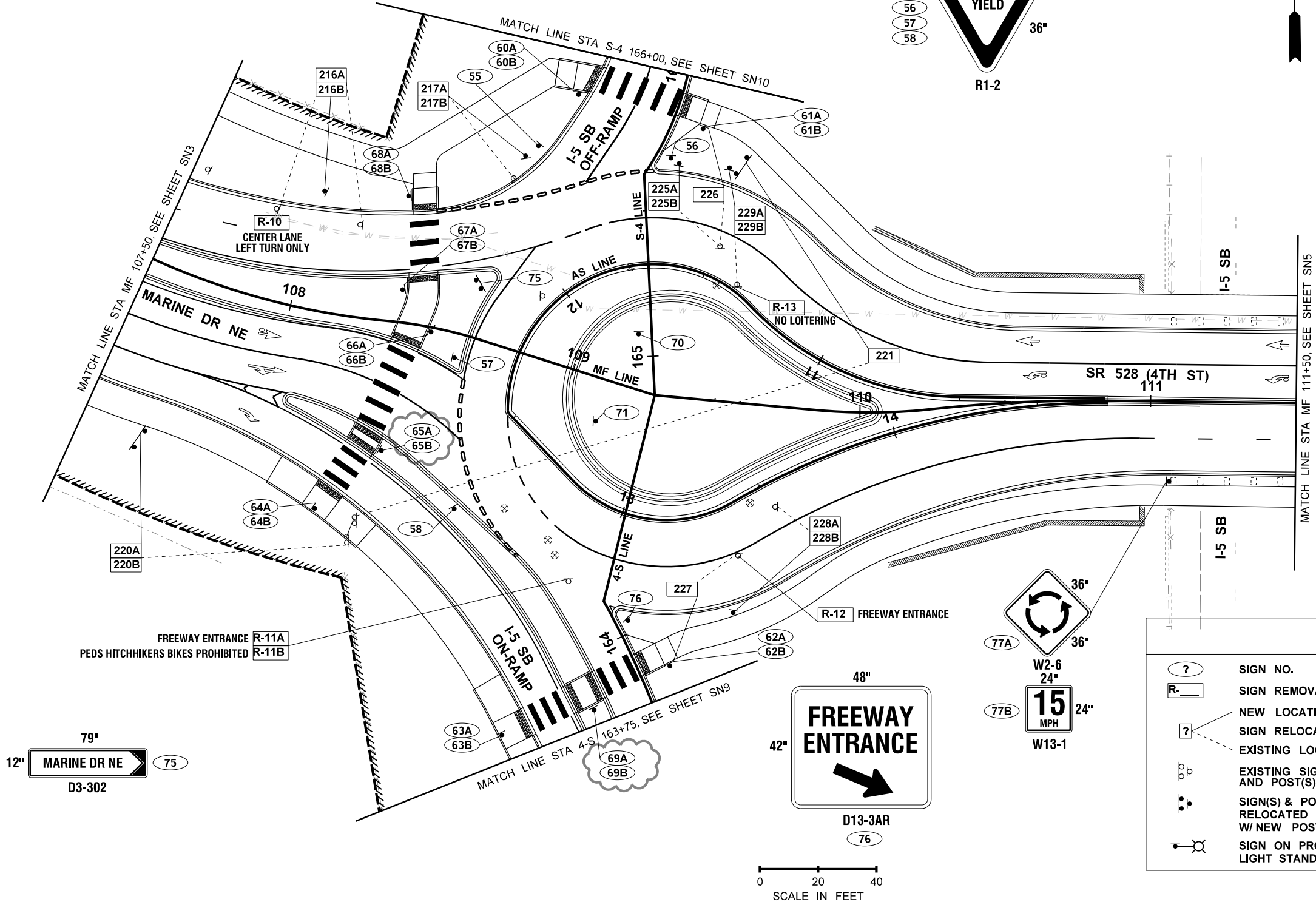
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TIME 9:40:04 AM		DATE 8/5/2026		PLOTTED BY purgabut		DESIGNED BY B. TUMBLING		ENTERED BY B. PURGANAN		CHECKED BY S. OLLING		PROJ. ENGR. H. LONGFELLOW		REGIONAL ADM.		AD4 - REVISED RRFB POST AND SIGNAGE		REVISION		DATE 8/4/2026		BY SO									

SECTION 29, T. 30N. R. 5E. W.M.

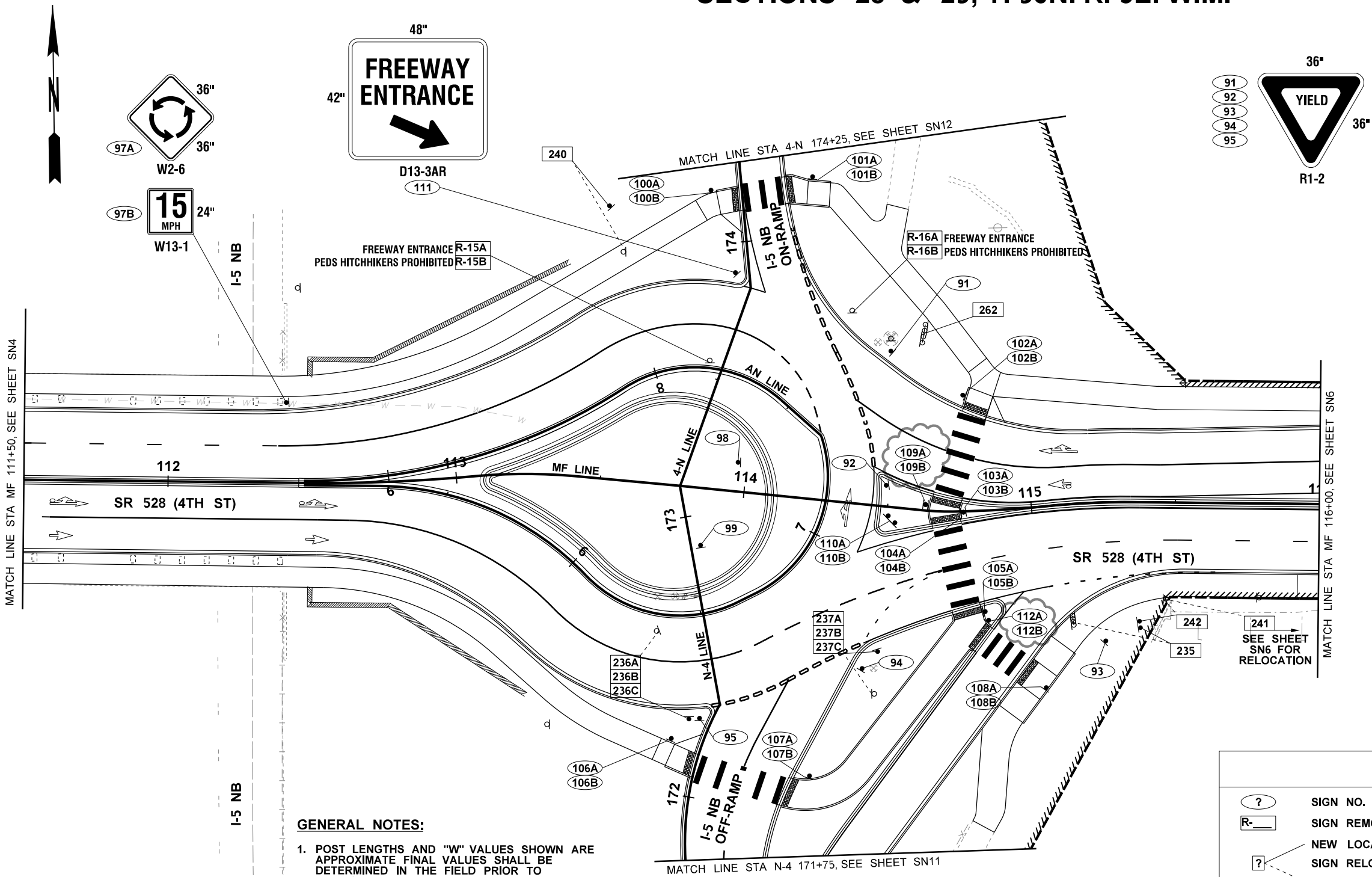


GENERAL NOTES:

- 1. POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
- 2. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
- 3. FOR STEEL SIGN SUPPORT DETAILS SEE STANDARD PLANS G-24.40-07 AND G-24.50-05.
- 4. FOR GROUND MOUNTED SIGN PLACEMENT DETAILS SEE STANDARD PLAN G-24.10-02.
- 5. ALL NEW SIGN SUPPORTS SHALL BE 2.5 INCH SQUARE STEEL 12 GAUGE TELESAPAR.



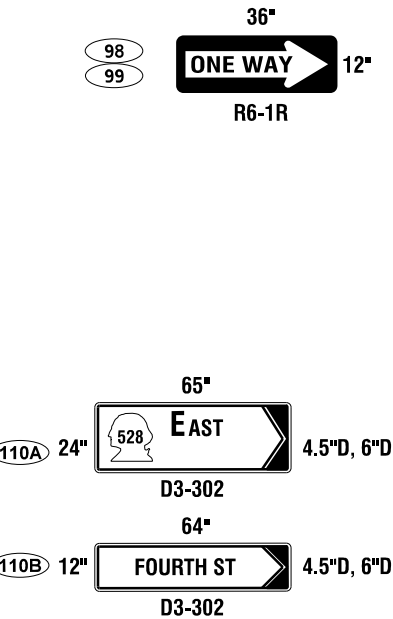
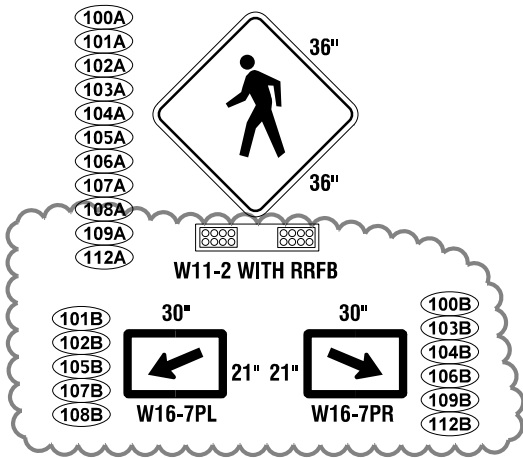
SECTIONS 28 & 29, T. 30N. R. 5E. W.M.



GENERAL NOTES:

1. POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
2. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
3. FOR STEEL SIGN SUPPORT DETAILS SEE STANDARD PLANS G-24.40-07 AND G-24.50-05.
4. FOR GROUND MOUNTED SIGN PLACEMENT DETAILS SEE STANDARD PLAN G-24.10-02.
5. ALL NEW SIGN SUPPORTS SHALL BE 2.5 INCH SQUARE STEEL 12 GAUGE TELES PAR.

0 20 40
SCALE IN FEET



LEGEND

- | | | | |
|-----|---|---|--|
| (?) | SIGN NO. | + | OVERHEAD SIGN |
| R- | SIGN REMOVAL NO. | + | EXISTING OVERHEAD SIGN |
| ? | NEW LOCATION | + | EXISTING STRUCTURE MOUNTED SIGN |
| ? | SIGN RELOCATION NO. | + | STRUCTURE MOUNTED SIGN |
| ? | EXISTING LOCATION | + | EXISTING CANTILEVER |
| b b | EXISTING SIGN(S) AND POST(S) | + | CANTILEVER |
| b b | SIGN(S) & POST(S) OR RELOCATED SIGN(S) W/ NEW POST(S) | + | CONSTRUCTION NOTE (SEE SHEET SN1 FOR CONSTRUCTION NOTES) |
| + | SIGN ON PROPOSED LIGHT STANDARD | + | SIGN BRIDGE |
| | | + | GUIDE POST |
| | | + | EXISTING GUIDE POST |

FILE NAME	U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99Svcs\CADD\IGNIPS&ESheets\4th Design Plans\PS1598131-4TH_PS_SN05
TIME	9:40:10 AM
DATE	8/5/2026
PLOTTED BY	purgabut
DESIGNED BY	B. TUMBLING
ENTERED BY	B. PURGANAN
CHECKED BY	S. OLLING
PROJ. ENGR.	H. LONGFELLOW
REGIONAL ADM.	
REGION NO.	10
STATE	WASH
JOB NUMBER	
CONTRACT NO.	
LOCATION NO.	
AD4 - REVISED RRFB POST AND SIGNAGE	8/4/2026
REVISION	DATE
BY	SO



8/4/2026

P.E. STAMP BOX



I-5 / 4TH ST AND 88TH ST NE
CORRIDOR IMPROVEMENTS
VOLUME 3 OF 4

SIGNING PLAN

PLAN REF NO
SN5

SHEET
312
OF
323
SHEETS

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	LOCATION (STATION/OFFSET)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS
				X (INCH)	Y (INCH)					H1	H2	V	W	
1A	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	MF 100+05 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.25	-	7	11.5	MOUNT NEW SIGN ON NEW POST
1B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 1A
2	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDAABOUT)	MF 100+95 RT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.89	-	7	11.5	MOUNT NEW SIGN ON EXISTING ILLUMINATION POST
5	R1-2	YIELD	TT 154+41 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.46	-	7	3	MOUNT NEW SIGN ON NEW POST
6	R1-2	YIELD	TT 154+50 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.42	-	7	4.5	MOUNT NEW SIGN ON NEW POST
7	R1-2	YIELD	MF 104+01 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.47	-	7	3	MOUNT NEW SIGN ON NEW POST
8	R1-2	YIELD	MF 104+06 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.64	-	7	4	MOUNT NEW SIGN ON NEW POST
9	R1-2	YIELD	TT 152+92 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.45	-	7	3	MOUNT NEW SIGN ON NEW POST
10	R1-2	YIELD	TT 152+89 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.46	-	7	4.5	MOUNT NEW SIGN ON NEW POST
11	R1-2	YIELD	MF 102+86 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.47	-	7	3	MOUNT NEW SIGN ON NEW POST
12	R1-2	YIELD	MF 102+77 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.39	-	7	5	MOUNT NEW SIGN ON NEW POST
13A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 154+65 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
13B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 13A
14A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 154+77 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
14B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 14A
15A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 154+77 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
15B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 15A
16A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 104+43 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
16B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 16A
17A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 104+41 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
17B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 17A
18A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 104+40 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
18B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 18A
19A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 104+53 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
19B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 19A
20A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 152+72	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
20B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 20A
21A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 152+60 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
21B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 21A
22A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 102+57 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
22B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 22A
23A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 102+58	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
23B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 23A
24A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 102+59	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
24B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 24A
25A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 102+46 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
25B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 25A
26A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 152+74	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
26B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 26A
27A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 152+71	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
27B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 27A
28A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TT 154+76 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
28B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	STEEL	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 28A

CONSTRUCTION NOTES:

1. POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.
2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".
3. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

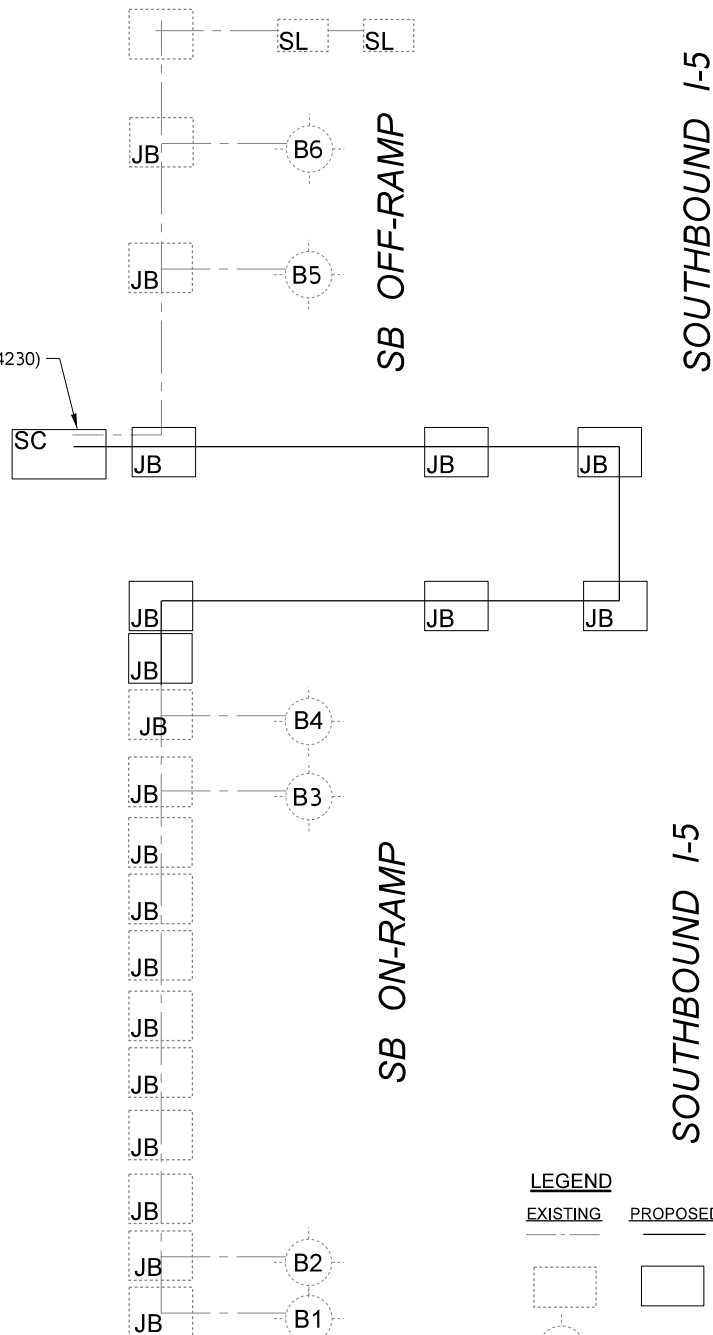
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TIME 9:36:24 AM		DATE 8/5/2026		PLOTTED BY purgabut		DESIGNED BY E. WANG		ENTERED BY J. TYLER								CHECKED BY S. OLLING		PROJ. ENGR. H. LONGFELLOW	
																		SHEET 302 OF 323 SHEETS	

SIGN SPECIFICATIONS														
SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	LOCATION (STATION/OFFSET)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS
				X (INCH)	Y (INCH)					H1	H2	V	W	
30	R6-1R	ONE WAY (RIGHT)	TT 153+90 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.30	-	7	18	MOUNT NEW SIGN ON NEW POST
31	R6-1R	ONE WAY (RIGHT)	MF 103+60 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.26	-	7	18	MOUNT NEW SIGN ON NEW POST
32	R6-1R	ONE WAY (RIGHT)	MF 103+24 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.27	-	7	18	MOUNT NEW SIGN ON NEW POST
33	R6-1R	ONE WAY (RIGHT)	TT 153+50 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.31	-	7	18	MOUNT NEW SIGN ON NEW POST
35	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	TT 154+51 RT	74	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.45	7.39	7	6	MOUNT NEW SIGN ON (2) NEW POSTS
36	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	TT 152+88 LT	74	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.44	7.39	7	6	MOUNT NEW SIGN ON (2) NEW POSTS
37	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	MF 102+76 RT	79	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.41	7.34	7	6	MOUNT NEW SIGN ON (2) NEW POSTS
38	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	MF 104+06 RT	79	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.56	7.48	7	6	MOUNT NEW SIGN ON (2) NEW POSTS
45A	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	MF 106+46 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.43	-	7	6	MOUNT NEW SIGN ON NEW POST
45B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 45A
46	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	MF 105+80 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.45	-	7	4	MOUNT NEW SIGN ON NEW POST
46B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 46A
47	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDAABOUT)	MF 105+54 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.94	-	7	4.5	MOUNT NEW SIGN ON NEW POST
48	R3-8A (MOD)	ADVANCE INTERSECTION LANE CONTROL (3 LANE, ROUNDAABOUT)	MF 107+15 RT	48	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.39	-	7	12	MOUNT NEW SIGN ON NEW POST
55	R1-2	YIELD	S-4 165+62 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.45	-	7	4	MOUNT NEW SIGN ON NEW POST
56	R1-2	YIELD	S-4 165+72 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.56	-	7	5	MOUNT NEW SIGN ON NEW POST
57	R1-2	YIELD	MF 108+60 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.63	-	7	4.5	MOUNT NEW SIGN ON NEW POST
58	R1-2	YIELD	MF 108+75 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.73	-	7	3	MOUNT NEW SIGN ON NEW POST
60A	W11-2	PEDESTRIAN CROSSING WITH RRFB	S-4 165+84 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
60B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 60A
61A	W11-2	PEDESTRIAN CROSSING WITH RRFB	S-4 165+84 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
61B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 61A
62A	W11-2	PEDESTRIAN CROSSING WITH RRFB	4-S 163+85 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
62B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 62A
63A	W11-2	PEDESTRIAN CROSSING WITH RRFB	4-S 163+89 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
63B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 63A
64A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 108+43 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
64B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 64A
65A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 108+49 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
65B	W16-7AP	DUAL DOWNWARD DIAGONAL ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 65A
66A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 108+49 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
66B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 66A
67A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 108+37 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
67B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 67A
68A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 108+37 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
68B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 68A
69A	W11-2	PEDESTRIAN CROSSING WITH RRFB	4-S 163+81 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST
69B	W16-7AP	DUAL DOWNWARD DIAGONAL ARROW	4-S 163+81 LT	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 69A
70	R6-1R	ONE WAY (RIGHT)	MF 109+17 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	5.99	-	7	24	MOUNT NEW SIGN ON NEW POST
71	R6-1R	ONE WAY (RIGHT)	MF 109+12 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.08	-	7	20	MOUNT NEW SIGN ON NEW POST
CONSTRUCTION NOTES:														
1. POST LENGTHS SHOWN ARE APPROXIMATE.FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.														
2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".														
3. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.														

SIGN SPECIFICATIONS																																																																																																																																																					
SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	LOCATION (STATION/OFFSET)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS																																																																																																																																							
				X (INCH)	Y (INCH)					H1	H2	V	W																																																																																																																																								
75	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	MF 108+62 LT	79	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.57	7.50	7	6.5	MOUNT NEW SIGN ON (2) NEW POSTS																																																																																																																																							
76	D13-3AR	FREEWAY ENTRANCE W/ ARROW (RIGHT)	4-S 164+04 RT	48	42	III OR IV	STANDARD	STEEL	2.5 X 2.5	10.42	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
77A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	MF 111+06 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.28	-	7	3	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
77B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 77A																																																																																																																																							
91	R1-2	YIELD	MF 114+45 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.47	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
92	R1-2	YIELD	MF 114+48 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.64	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
93	R1-2	YIELD	MF 115+38 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.11	-	7	14	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
94	R1-2	YIELD	N-4 172+37 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.67	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
95	R1-2	YIELD	N-4 162+27 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.62	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
97A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	MF 112+40 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.44	-	7	3	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
97B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 97A																																																																																																																																							
98	R6-1R	ONE WAY (RIGHT)	MF 113+97 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.06	-	7	26	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
99	R6-1R	ONE WAY (RIGHT)	MF 113+86 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.04	-	7	23	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
100A	W11-2	PEDESTRIAN CROSSING WITH RRFB	4-N 174+19 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
100B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 100A																																																																																																																																							
101A	W11-2	PEDESTRIAN CROSSING WITH RRFB	4-N 174+20 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
101B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 101A																																																																																																																																							
102A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 114+64 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
102B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 102A																																																																																																																																							
103A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 114+77 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
103B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 103A																																																																																																																																							
104A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 114+76 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
104B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 104A																																																																																																																																							
105A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 114+76 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
105B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 105A																																																																																																																																							
106A	W11-2	PEDESTRIAN CROSSING WITH RRFB	N-4 172+16 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
106B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 106A																																																																																																																																							
107A	W11-2	PEDESTRIAN CROSSING WITH RRFB	N-4 172+16 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
107B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 107A																																																																																																																																							
108A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 115+06 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
108B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 108A																																																																																																																																							
109A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 114+64 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
109B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 109A																																																																																																																																							
110A	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	MF 114+50 RT	65	24	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.60	8.53	7	6	MOUNT NEW SIGN ON (2) NEW POSTS																																																																																																																																							
110B	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	"	64	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	-	-	-	-	INSTALL BELOW SIGN NO. 110A																																																																																																																																							
111	D13-3AR	FREEWAY ENTRANCE W/ ARROW (RIGHT)	MF 113+89 LT	48	42	III OR IV	STANDARD	STEEL	2.5 X 2.5	10.12	-	7	5	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
112A	W11-2	PEDESTRIAN CROSSING WITH RRFB	MF 114+76 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																																							
112B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	STEEL	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 112A																																																																																																																																							
115	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDABOUT)	MF 116+21 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.96	-	7	3.5	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
116A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	MF 117+73 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.39	-	7	8.5	MOUNT NEW SIGN ON NEW POST																																																																																																																																							
116B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 116A																																																																																																																																							
120A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	TT 149+85 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FOR R-31																																																																																																																																							
120B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 120A																																																																																																																																							
121	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDABOUT)	TT 150+22 RT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FOR R-30																																																																																																																																							
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				X (INCH)	Y (INCH)					H1	H2	V	W			
135	R4-7	KEEP RIGHT	TT 155+61	24	30	III OR IV	STANDARD	STEEL	2.5 X 2.5	8.89	-	7	6	MOUNT NEW SIGN ON NEW POST		
136	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDABOUT)	TT 156+62 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.93	-	7	5.5	MOUNT NEW SIGN ON NEW POST		
137A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	TT 157+65 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.46	-	7	15	MOUNT NEW SIGN ON NEW POST		
137B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 137A		
140	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDABOUT)	S-4 168+28 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	10.08	-	7	15	MOUNT NEW SIGN ON NEW POST		
141A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	N-4 171+27 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FROM R-22		
141B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 141A		
145	R3-8A (MOD)	ADVANCE INTERSECTION LANE CONTROL (3 LANE, ROUNDABOUT)	N-4 168+09 RT	48	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FROM R-26		
146	R3-8A (MOD)	ADVANCE INTERSECTION LANE CONTROL (3 LANE, ROUNDABOUT)	N-4 168+03 LT	48	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FROM R-25		
147	OM-3C	TYPE 3 OBJECT MARKER (CENTER)	N-4 171+56 RT	12	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	3.40	-	1	5	MOUNT NEW SIGN ON NEW POST		
148A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	N-5 169+76 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING LUMINAIRE		
148B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 148A		
200A	W2-6	ROUNDABOUT AHEAD	MF 101+23 LT	30	30			STEEL	2.5 x 2.5	9.06	-	7	10			
200B		ROUNDABOUT AHEAD (SYMBOL)	"	30	30					-	-	-	-			
205A		PLEASE DON'T DRINK AND DRIVE	MF 101+89 LT	12	18			STEEL	2.5 x 2.5	8.57	-	7	16	LOCATED BELOW 205A ON SAME POST		
205B		IN MEMORY OF WILLIAM D. JONES SR.	"	12	36					-	-	-	-			
210	R1-1	STOP	MF 105+77 LT	30	30			STEEL	2.5 x 2.5	9.46	-	7	22.5	LOCATED BELOW R-5 ON SAME POST. RELOCATE THIS SIGN ONLY TO BELOW 212B ON SAME POST		
211		IN MEMORY OF JEFF HANDY	MF 106+93 LT	12	36			STEEL	2.5 x 2.5	-	-	-	-			
212A		PLEASE DON'T DRINK AND DRIVE	MF 106+93 LT	12	18			STEEL	2.5 x 2.5	7.89	-	7	8			
212B		IN MEMORY OF DANIEL T. MCLEAN JR.	"	12	36					-	-	-	-			
216A		ENTERING MARYSVILLE FIRE DISTRICT	MF 108+03 LT	24	36			STEEL	2.5 x 2.5	9.42	-	7	6	LOCATED OPPOSITE R-10 ON SAME POST. RELOCATE FACING OPPOSITE DIRECTION ON SAME POST AS 216A.		
216B		NO LOITERING BEYOND THIS POINT	"	18	24					-	-	-	-			
217A	R6-1	ONE WAY	MF 108+63 LT	12	24			STEEL	2.5 x 2.5	8.44	-	7	5			
217B	R5-1	DO NOT ENTER	"	24	24					-	-	-	-			
220A		I-5 NORTH VANCOUVER STRAIGHT I-5 SOUTH SEATTLE RIGHT	MF 107+15 RT	36	36			STEEL	2.5 x 2.5	8.89	8.10	7	12.5	LOCATED BELOW 220A ON SAME POSTS LOCATED OPPOSITE 220A ON SAME (2) POSTS. RELOCATE TO (2) NEW POSTS.		
220B		NO LOITERING BEYOND THIS POINT	"	18	12					-	-	-	-			
221		I-5 SOUTH SEATTLE LEFT	MF 109+51 LT	36	36					9.65	9.57	7	4			
225A	R6-1	ONE WAY	MF 109+13 LT	12	18			STEEL	2.5 x 2.5	8.04	-	7	3			
225B	R5-1	DO NOT ENTER	"	24	24					-	-	-	-	LOCATED BELOW 225A, ABOVE 226 ON SAME POST. RELOCATE 226 SEPARATELY.		
226		WSDOT NO TRESPASSING	"	24	24					-	-	-	-			
227		WSDOT NO TRESPASSING	"	24	24					-	-	-	-	LOCATED BELOW R-12 ON SAME POST. RELOCATE TO BELOW 62B ON SAME POST.		
228A	R9-3A	NO PEDESTRIAN CROSSING	MF 109+62 RT	24	24			STEEL	2.5 x 2.5	8.46	-	7	3			
228B	R9-3B	USE CROSSWALK	"	12	18					-	-	-	-	LOCATED BELOW 228A ON SAME POST.		
229A	R9-3A	NO PEDESTRIAN CROSSING	MF 109+47 LT	24	24			STEEL	2.5 x 2.5	8.42	-	7	5			
CONSTRUCTION NOTES: 1. POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION. 2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G". 3. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.																
FILE NAME U:\PSOI\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4thSt 88thSt Corridor\99Svcs\CADD\IGNIPS&ESheets\4th Design Plans\PS1598131-4TH_SS_SS04.dwg																
TIME 9:36:36 AM						REGION NO.	STATE	FED.AID PROJ.NO.						I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 3 OF 4		PLAN REF NO
DATE 8/5/2026						10	WASH									SS4
PLOTTED BY purgabut						JOB NUMBER										SHEET 305 OF 323 SHEETS
DESIGNED BY E. WANG																
ENTERED BY J. TYLER						CONTRACT NO.		LOCATION NO.						SIGN SPECIFICATIONS		
CHECKED BY S. OLLING																
PROJ. ENGR. H. LONGFELLOW		AD4 - REVISED RRFB POST AND SIGNAGE	8/4/2026	SO												
REGIONAL ADM.		REVISION	DATE	BY												
P.E. STAMP BOX DATE 8/4/2026 P.E. STAMP BOX DATE																
																

SUBPANEL
"W2" (SAC 4230)



SOUTHBOUND I-5

SOUTHBOUND I-5

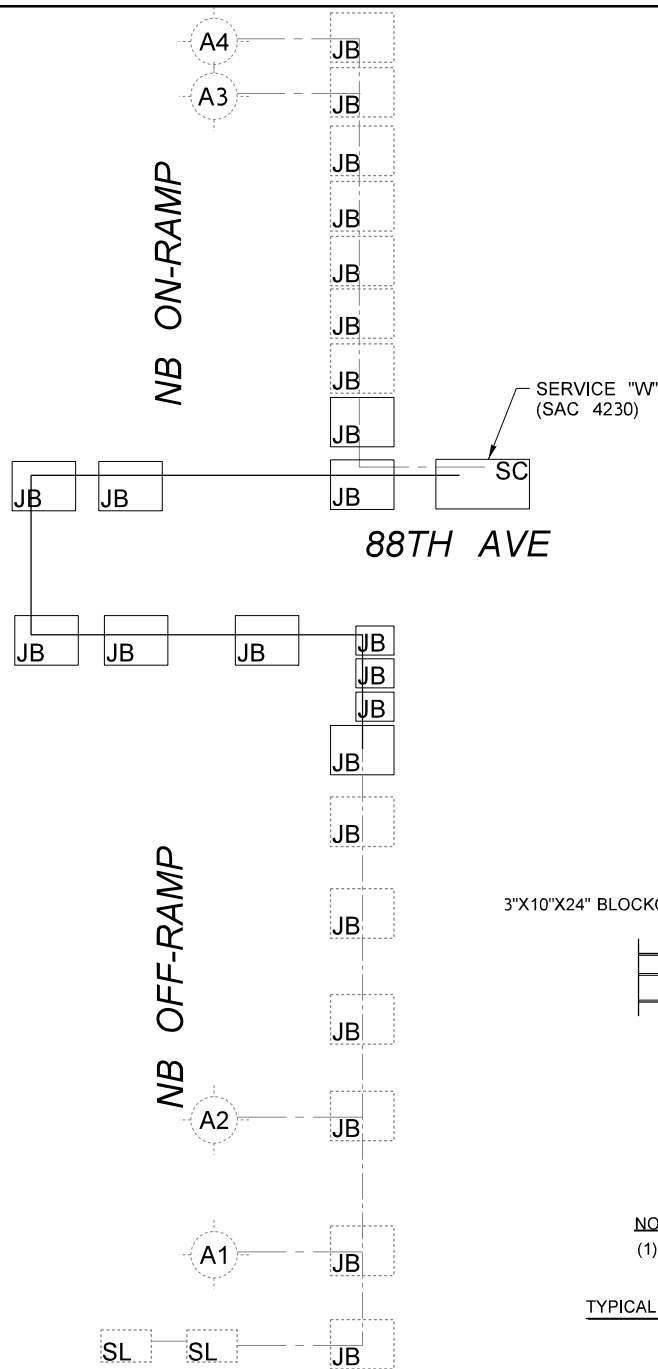
88TH AVE

NORTHBOUND I-5

NORTHBOUND I-5

NB ON-RAMP

NB OFF-RAMP



SERVICE "W"
(SAC 4230)

88TH AVE

LEGEND

EXISTING

PROPOSED

ILLUMINATION WIRE 2-#8 TYP

SEE CONDUIT / WIRE SCHEDULE.

EQUIPMENT

LUMINAIRE

ILLUMINATION WIRE 2-#8 TYP

SEE CONDUIT / WIRE SCHEDULE.

EQUIPMENT

LUMINAIRE

ABBREVIATIONS

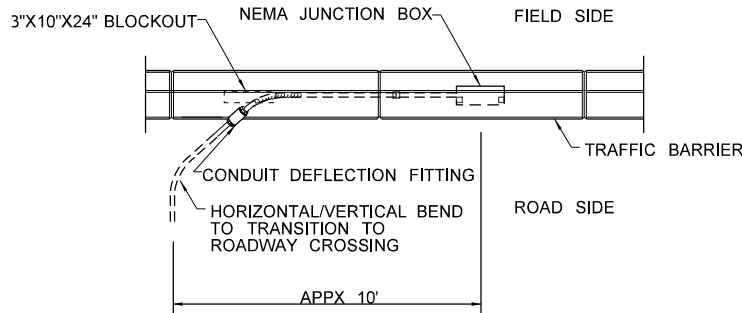
JB JUNCTION BOX
SC SERVICE CABINET
SL SIGN LIGHT

ILLUMINATION SCHEMATIC DIAGRAM - WSDOT

ILLUMINATION AND RRFB CONSTRUCTION NOTES (WSDOT):

- CONSTRUCT SINGLE PAD MOUNT FOUNDATION FOR TYPE E SERVICE CABINET PER WSDOT STANDARD PLAN J-10.10. FURNISH AND INSTALL SERVICE CABINET TYPE E ON FOUNDATION PER WSDOT STANDARD PLAN J-10.22.
- CONSTRUCT CEMENT CONC. FOUNDATION. FURNISH AND INSTALL RECTANGULAR RAPID FLASH BEACON SYSTEM WITH PUSHBUTTON INCLUDING RRFB UNIT (1-SIDED), TYPE FB POLE (BREAKAWAY BASE), CONTROL PANEL, WIRING, AND SIGNS (1-SIDED). INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS. ALIGN BEACONS AS DIRECTED BY ENGINEER. SEE DETAIL 1, SHEET ILW8.
- CONSTRUCT CEMENT CONC. FOUNDATION. FURNISH AND INSTALL RECTANGULAR RAPID FLASH BEACON SYSTEM WITH PUSHBUTTON INCLUDING RRFB UNIT (1-SIDED), TYPE FB POLE (BREAKAWAY BASE), WIRING, AND SIGNS (1-SIDED). INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS. ALIGN BEACONS AS DIRECTED BY ENGINEER. SEE DETAIL 1, SHEET ILW8.
- CONSTRUCT CEMENT CONC. FOUNDATION. FURNISH AND INSTALL RECTANGULAR RAPID FLASH BEACON SYSTEM INCLUDING RRFB UNIT (1-SIDED), TYPE FB POLE (BREAKAWAY BASE), WIRING, AND SIGNS (1-SIDED). INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS. ALIGN BEACONS AS DIRECTED BY ENGINEER. SEE DETAIL 1, SHEET ILW8.
- INTERCEPT EXISTING CONDUIT(S) AND EXTEND TO NEW JUNCTION BOX. SPLICE NEW WIRE TO EXISTING IN NEW JUNCTION BOX.

- FURNISH AND INSTALL ONE NEMA 4X NON-ADJUSTABLE S.S. JUNCTION BOX IN RETAINING WALL TRAFFIC BARRIER AT END OF BARRIER WALL PER WSDOT STANDARD PLAN J-60.11.
- ROUTE CONDUIT FROM GROUND INTO JUNCTION BOX IN RETAINING WALL TRAFFIC BARRIER. SEE DETAIL ON WSDOT STANDARD PLAN J-60.11 FOR CONDUIT TRANSITION AND DEFLECTION FITTING.
- ROUTE PERPENDICULAR CONDUIT FROM GROUND INTO END OF NEMA JUNCTION BOX IN RETAINING WALL TRAFFIC BARRIER. SEE DETAIL 2, SHEET ILW9. ALSO SEE WSDOT STANDARD PLAN J-60.11 FOR CONDUIT TRANSITION AND DEFLECTION FITTING.
- TERMINATE CONDUIT AND WIRE AT SNOHOMISH COUNTY PUD (PUD) SERVICE HANDHOLE. SNOHOMISH COUNTY PUD (PUD) SERVICE HANDHOLE.
- PROTECT EXISTING LUMINAIRE TO REMAIN.
- FURNISH AND INSTALL ONE NEMA 4X NON-ADJUSTABLE S.S. JUNCTION BOX IN RETAINING WALL TRAFFIC BARRIER, HALFWAY BETWEEN UPSTREAM AND DOWSTREAM JUNCTION BOXES".
- SEE ITS PLANS.



NOTES:

- (1) NOT ALL DETAILS ARE SHOWN. SEE WSDOT STD PLAN J-60.11 FOR ADDITIONAL DETAILS.

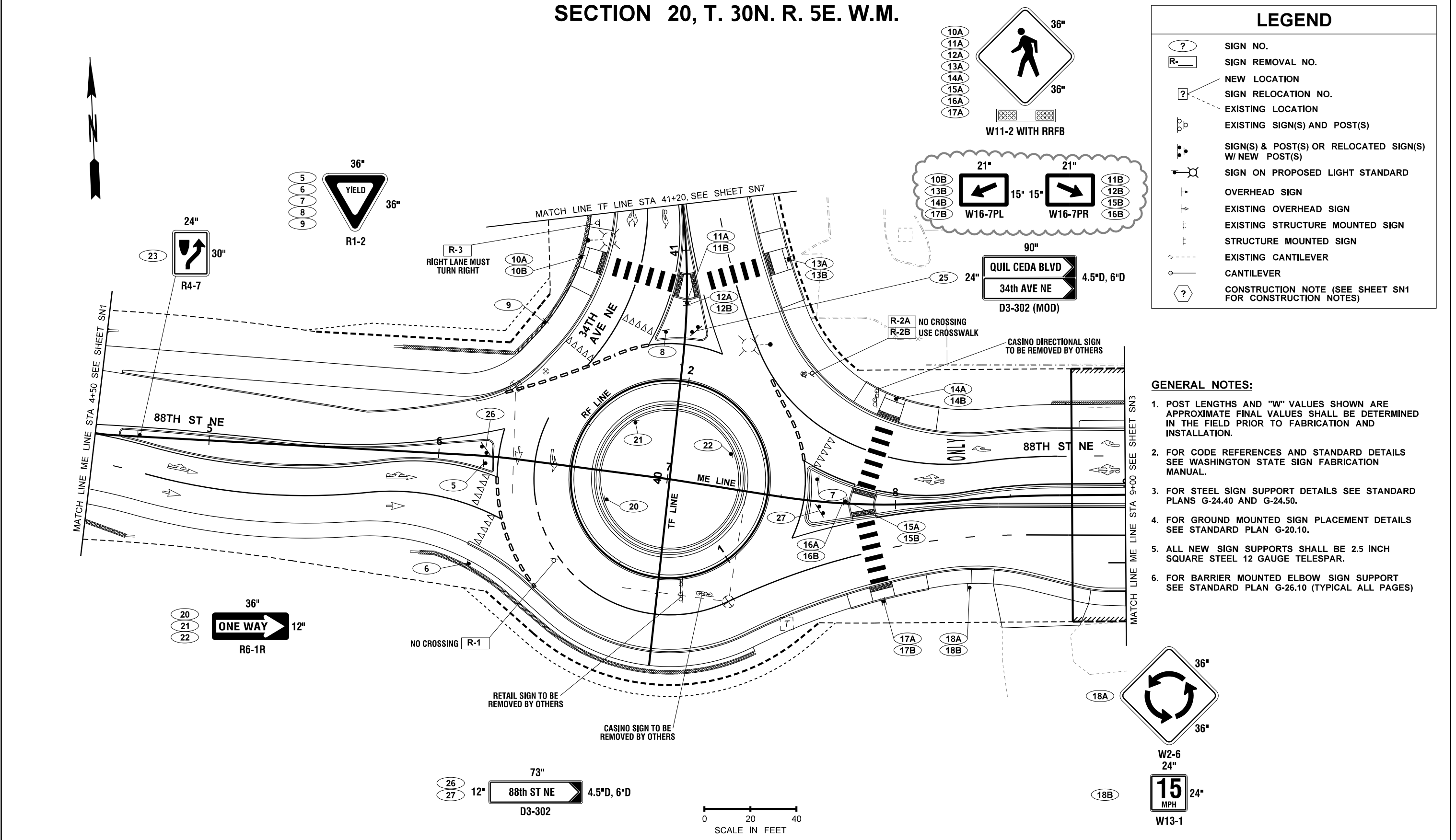
TYPICAL PERPENDICULAR CONDUIT BARRIER ENTRY DETAIL

2

ILW2

FILE NAME		U:\PSOI\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99Svc\ICADD\IGNIPS&ESheets\88th Design Plans\PS1598131_88TH_DE_ILW9.dgn		FED.AID PROJ.NO.		DATE		P.E. STAMP BOX		TULALIP TRIBES Parametrix		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 4 OF 4		ILLUMINATION AND RRFB NOTES AND SCHEMATIC - WSDOT		PLAN REF. NO. ILW9	
TIME		9:32:28 AM		REGION NO.		STATE		JOB NUMBER		CONTRACT NO.		LOCATION NO.		SHEET 415 OF 534 SHEETS			
DATE		8/5/2026		10		WASH											
PLOTTED BY		purgabut															
DESIGNED BY		A. NAIR															
ENTERED BY		A. NAIR															
CHECKED BY		M. KENDALL															
PROJ. ENGR.		H. LONGFELLOW		AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY		8/5/2026		SO									
REGIONAL ADM.				REVISION		DATE		BY									

SECTION 20, T. 30N. R. 5E. W.M.



FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99Svcs\CADD\IGNIPS&ESheets\88th Design Plans\PS1598131_88TH_PS_SN02.dgn															
TIME	9:28:47 AM					REGION NO.	STATE	FED.AID PROJ.NO.			DATE	P.E. STAMP BOX		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 4 OF 4	PLAN REF NO SN2
DATE	8/5/2026					10	WASH								
PLOTTED BY	purgabut					JOB NUMBER									
DESIGNED BY	M. TSUN					CONTRACT NO.		LOCATION NO.							
ENTERED BY	B. MAY / B. PURGANAN														
CHECKED BY	S. OLLING														
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO											
REGIONAL ADM.	REVISION		DATE	BY										SIGNING PLAN	SHEET 452 OF 534 SHEETS

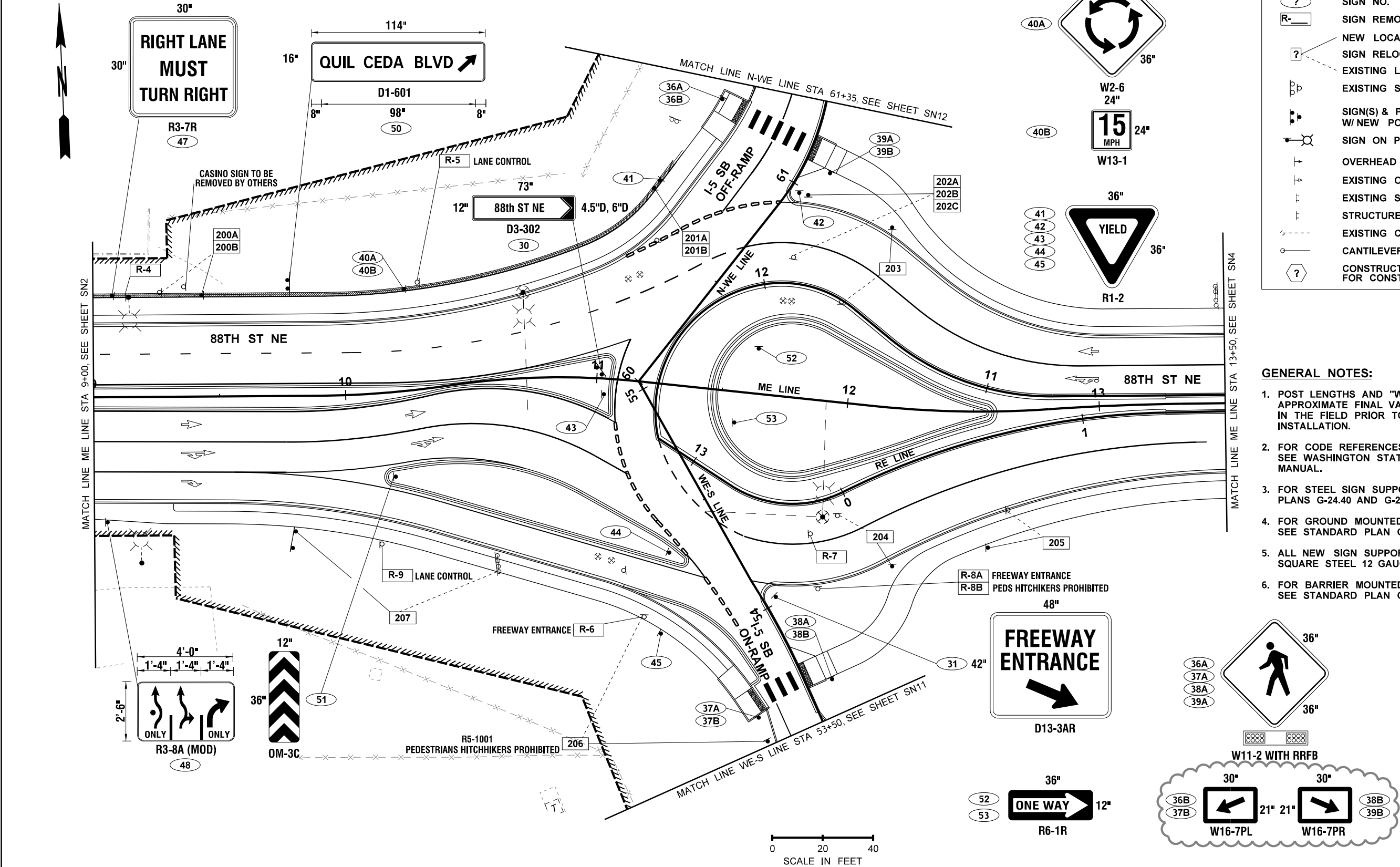
SECTION 20, T. 30N. R. 5E. W.M.

LEGEND

- ? SIGN NO.
R- SIGN REMOVAL NO.
? NEW LOCATION
? SIGN RELOCATION NO.
EXISTING LOCATION
EXISTING SIGN(S) AND POST(S)
SIGN(S) & POST(S) OR RELOCATED SIGN(S) W/ NEW POST(S)
SIGN ON PROPOSED LIGHT STANDARD
OVERHEAD SIGN
EXISTING OVERHEAD SIGN
EXISTING STRUCTURE MOUNTED SIGN
STRUCTURE MOUNTED SIGN
EXISTING CANTILEVER
CANTILEVER
CONSTRUCTION NOTE (SEE SHEET SN1 FOR CONSTRUCTION NOTES)

GENERAL NOTES:

1. POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
2. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
3. FOR STEEL SIGN SUPPORT DETAILS SEE STANDARD PLANS G-24.40 AND G-24.50.
4. FOR GROUND MOUNTED SIGN PLACEMENT DETAILS SEE STANDARD PLAN G-20.10.
5. ALL NEW SIGN SUPPORTS SHALL BE 2.5 INCH SQUARE STEEL 12 GAUGE TELESAR.
6. FOR BARRIER MOUNTED ELBOW SIGN SUPPORT SEE STANDARD PLAN G-26.10 (TYPICAL ALL PAGES)



0 20 40
SCALE IN FEET

FILE NAME		U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99Svcs\CADD\IGNIPS&ESheets\88th Design Plans\PS1598131_88TH_PS_SN03.dgn		FED.AID PROJ.NO.		MICHAEL YING TSUN REGISTERED PROFESSIONAL ENGINEER 54964 8/5/2026		TULALIP TRIBES Parametrix		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 4 OF 4		PLAN REF NO SN3
TIME	9:28:49 AM			REGION NO.	STATE							SHEET 453 OF 534 SHEETS
DATE	8/5/2026			10	WASH							
PLOTTED BY	purgabut											
DESIGNED BY	M. TSUN											
ENTERED BY	B. PURGANAN											
CHECKED BY	S. OLLING											
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO								
REGIONAL ADM.		REVISION	DATE	BY								

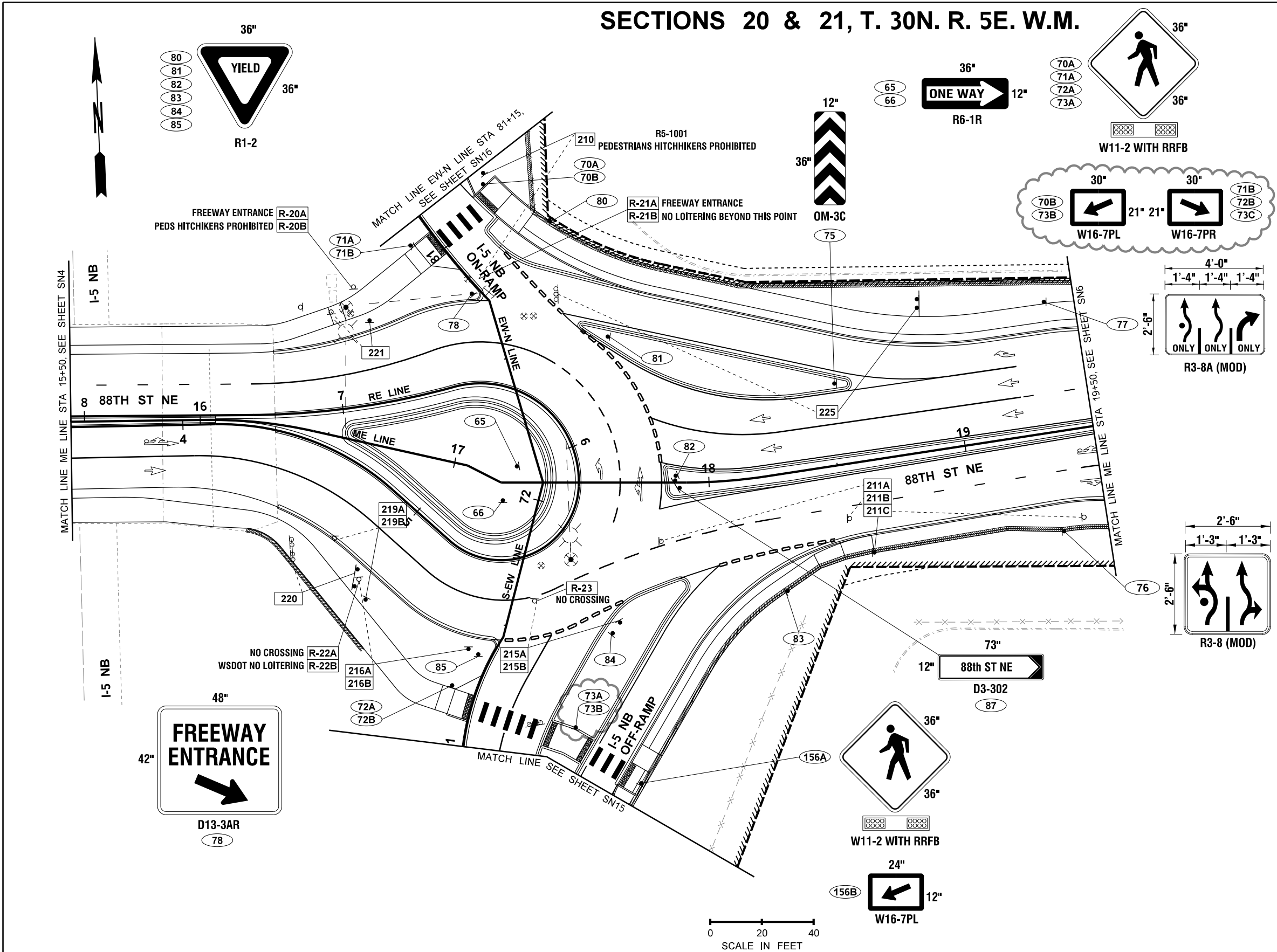
SECTIONS 20 & 21, T. 30N. R. 5E. W.M.

LEGEND

- (?) SIGN NO.
R- SIGN REMOVAL NO.
? NEW LOCATION
? SIGN RELOCATION NO.
EXISTING LOCATION
EXISTING SIGN(S) AND POST(S)
SIGN(S) & POST(S) OR RELOCATED SIGN(S) W/ NEW POST(S)
SIGN ON PROPOSED LIGHT STANDARD
OVERHEAD SIGN
EXISTING OVERHEAD SIGN
EXISTING STRUCTURE MOUNTED SIGN
STRUCTURE MOUNTED SIGN
EXISTING CANTILEVER
CANTILEVER
CONSTRUCTION NOTE (SEE SHEET SN1 FOR CONSTRUCTION NOTES)

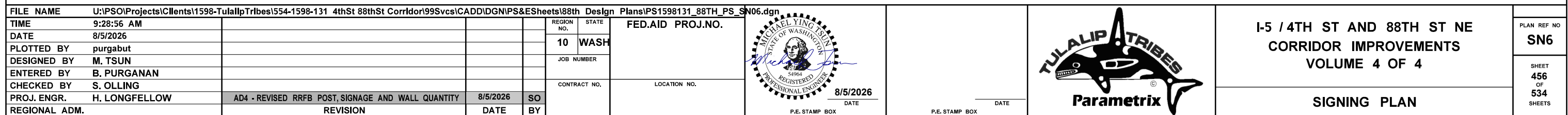
GENERAL NOTES:

1. POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
2. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
3. FOR STEEL SIGN SUPPORT DETAILS SEE STANDARD PLANS G-24.40 AND G-24.50.
4. FOR GROUND MOUNTED SIGN PLACEMENT DETAILS SEE STANDARD PLAN G-20.10.
5. ALL NEW SIGN SUPPORTS SHALL BE 2.5 INCH SQUARE STEEL 12 GAUGE TELES PAR.
6. FOR BARRIER MOUNTED ELBOW SIGN SUPPORT SEE STANDARD PLAN G-26.10 (TYPICAL ALL PAGES)



LEGEND

	SIGN NO.
	SIGN REMOVAL NO.
	NEW LOCATION SIGN RELOCATION NO.
	EXISTING LOCATION
	EXISTING SIGN(S) AND POST(S)
	SIGN(S) & POST(S) OR RELOCATED SIGN(S) W/ NEW POST(S)
	SIGN ON PROPOSED LIGHT STANDARD
	OVERHEAD SIGN
	EXISTING OVERHEAD SIGN
	EXISTING STRUCTURE MOUNTED SIGN
	STRUCTURE MOUNTED SIGN
	EXISTING CANTILEVER
	CANTILEVER
	CONSTRUCTION NOTE (SEE SHEET SN1 FOR CONSTRUCTION NOTES)



SIGN SPECIFICATIONS														
SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	LOCATION (STATION/OFFSET)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS
				X (INCH)	Y (INCH)					H1	H2	V	W	
1A	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	ME 1+96 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.45	-	7	9	MOUNT NEW SIGN ON NEW POST
1B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 1A
2	D1-601	CIRCULAR INTERSECTION DESTINATION	ME 3+18 RT	114	16	III OR IV	SEE DETAIL	STEEL	2.5 x 2.5	8.01	8.45	7	9	MOUNT NEW SIGN ON (2) NEW POSTS
3	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDAABOUT)	ME 4+46 RT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	9.16	-	7	9	MOUNT NEW SIGN ON NEW POST
5	R1-2	YIELD	ME 6+21 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.44	-	7	4	MOUNT NEW SIGN ON NEW POST
6	R1-2	YIELD	ME 6+16 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.66	-	7	8	MOUNT NEW SIGN ON NEW POST
7	R1-2	YIELD	ME 7+65 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.66	-	7	4.5	MOUNT NEW SIGN ON NEW POST
8	R1-2	YIELD	TF 40+64 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.42	-	7	4.5	MOUNT NEW SIGN ON NEW POST
9	R1-2	YIELD	TF 40+64 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	10.28	-	7	11	MOUNT NEW SIGN ON NEW POST
10A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TF 40+99 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	11.8	MOUNT NEW SIGN ON RRFB POST
10B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 10A
11A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TF 40+77 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	8	MOUNT NEW SIGN ON RRFB POST
11B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 11A
12A	W11-2	PEDESTRIAN CROSSING WITH RRFB	"	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	8	MOUNT NEW SIGN ON RRFB POST
12B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 12A
13A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TF 40+95 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	11.1	MOUNT NEW SIGN ON RRFB POST
13B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 13A
14A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 8+01 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.7	MOUNT NEW SIGN ON RRFB POST
14B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 14A
15A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 7+78 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	8.4	MOUNT NEW SIGN ON RRFB POST
15B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 15A
16A	W11-2	PEDESTRIAN CROSSING WITH RRFB	"	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	8.4	MOUNT NEW SIGN ON RRFB POST
16B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 16A
17A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 7+95 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	8.7	MOUNT NEW SIGN ON RRFB POST
17B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 17A
18A	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	ME 8+28 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.53	-	7	8.5	MOUNT NEW SIGN ON NEW POST
18B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 18A
20	R6-1R	ONE WAY (RIGHT)	ME 6+75 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.52	-	7	12.5	MOUNT NEW SIGN ON NEW POST
21	R6-1R	ONE WAY (RIGHT)	TF 40+22 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.66	-	7	12.5	MOUNT NEW SIGN ON NEW POST
22	R6-1R	ONE WAY (RIGHT)	ME 7+25 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.62	-	7	12.5	MOUNT NEW SIGN ON NEW POST
23	R4-7	KEEP RIGHT	ME 4+70	24	30	III OR IV	STANDARD	STEEL	2.5 X 2.5	8.95	-	7	3.5	MOUNT NEW SIGN ON NEW POST FOR STEEL SIGN SUPPORT SEE STANDARD PLAN G-24.20
25	D3-302 (MOD)	CROSSROADS NAME SIGN W/ CHEVRON (2 LINE) MOD - TOP LINE BROWN BACKGROUND	ME 7+02 LT	90	24	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.62	8.64	7	6	BROWN BACKGROUND ON TOP LINE. MOUNT NEW SIGN ON (2) NEW POSTS
26	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	ME 6+20 LT	73	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.62	7.64	7	6	MOUNT NEW SIGN ON (2) NEW POSTS
27	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	ME 7+67 RT	73	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.78	7.86	7	7	MOUNT NEW SIGN ON (2) NEW POSTS
30	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	ME 11+01 LT	73	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.51	7.42	7	6.5	MOUNT NEW SIGN ON (2) NEW POSTS
31	D13-3AR	FREEWAY ENTRANCE W/ ARROW (RIGHT)	ME 11+80 RT	48	42	III OR IV	STANDARD	STEEL	2.5 X 2.5	10.42	-	7	5	MOUNT NEW SIGN ON NEW POST
36A	W11-2	PEDESTRIAN CROSSING WITH RRFB	N-WE 61+22 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	15	-	7	10.9	MOUNT NEW SIGN ON RRFB POST
36B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	-	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 36A
37A	W11-2	PEDESTRIAN CROSSING WITH RRFB	WE-S 53+62 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	15	-	7	8.8	MOUNT NEW SIGN ON RRFB POST
37B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	-	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 37A

CONSTRUCTION NOTES:

1. POST LENGTHS SHOWN ARE APPROXIMATE.FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.
2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".
3. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

FILE NAME		U:\PSOI\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4thSt 88thSt Corridor\99Svc\ICADD\IGNIPS&ESheets\88th Design Plans\PS1598131_88TH_SS_SS01.dgn											
TIME	9:21:14 AM					REGION NO.	STATE	FED.AID PROJ.NO.				PLAN REF NO	
DATE	8/5/2026					10	WASH					SS1	
PLOTTED BY	purgabut					JOB NUMBER							
DESIGNED BY	M. TSUN					CONTRACT NO.			LOCATION NO.				
ENTERED BY	J. TYLER												
CHECKED BY	S. OLLING												
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO								SHEET 445 OF 534 SHEETS	
REGIONAL ADM.		REVISION		DATE	BY							SIGN SPECIFICATIONS	

SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	LOCATION (STATION/OFFSET)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS
				X (INCH)	Y (INCH)					H1	H2	V	W	
38A	W11-2	PEDESTRIAN CROSSING WITH RRFB	WE-S 53+64 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	15	-	7	11.3	MOUNT NEW SIGN ON RRFB POST
38B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	-	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 38A
39A	W11-2	PEDESTRIAN CROSSING WITH RRFB	N-WE 61+10 RT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	15	-	7	11.8	MOUNT NEW SIGN ON RRFB POST
39B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	-	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 39A
40A	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	ME 10+28 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.36	-	7	11	MOUNT NEW SIGN ON NEW POST
40B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 40A
41	R1-2	YIELD	N-WE 60+68 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.61	-	7	11	MOUNT NEW SIGN ON NEW POST
42	R1-2	YIELD	N-WE 60+98 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.61	-	7	4	MOUNT NEW SIGN ON NEW POST
43	R1-2	YIELD	ME 11+03 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.47	-	7	8	MOUNT NEW SIGN ON NEW POST
44	R1-2	YIELD	ME 11+36 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.72	-	7	3	MOUNT NEW SIGN ON NEW POST
45	R1-2	YIELD	ME 11+34 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.64	-	7	13.5	MOUNT NEW SIGN ON NEW POST
47	R3-7R	RIGHT LANE MUST TURN RIGHT	ME 9+08 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.85	-	7	11	MOUNT NEW SIGN ON NEW POST
48	R3-8A (MOD)	ADVANCE INTERSECTION LANE CONTROL (3 LANE, ROUNDAABOUT)	ME 9+05 RT	48	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.96	-	7	8	MOUNT NEW SIGN ON NEW POST
50	D1-601	CIRCULAR INTERSECTION DESTINATION	ME 9+78 LT	114	16	III OR IV	SEE DETAIL	STEEL	2.5 x 2.5	8.16	9.90	7	13.5	MOUNT NEW SIGN ON (2) NEW POSTS
51	OM-3C	TYPE 3 OBJECT MARKER (CENTER)	ME 10+17 RT	12	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	3.53	-	1	5	MOUNT NEW SIGN ON NEW POST
52	R6-1R	ONE WAY (RIGHT)	N-WE 60+40 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	7.27	-	7	24	MOUNT NEW SIGN ON NEW POST
53	R6-1R	ONE WAY (RIGHT)	ME 11+56 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.33	-	7	22	MOUNT NEW SIGN ON NEW POST
60	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDAABOUT)	ME 14+73 RT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	9.11	-	7	12	MOUNT NEW SIGN ON NEW POST
61	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDAABOUT)	ME 14+16 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	9.08	-	7	13	MOUNT NEW SIGN ON NEW POST
62A	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	ME 13+53 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.64	-	7	13	MOUNT NEW SIGN ON NEW POST
62B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 62A
63A	W2-6	ROUNDAABOUT AHEAD (SYMBOL)	ME 15+31 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.59	-	7	11	MOUNT NEW SIGN ON NEW POST
63B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 63A
65	R6-1R	ONE WAY (RIGHT)	ME 17+26 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.62	-	7	23	MOUNT NEW SIGN ON NEW POST
66	R6-1R	ONE WAY (RIGHT)	S-EW 71+96 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	7.55	-	7	23	MOUNT NEW SIGN ON NEW POST
70A	W11-2	PEDESTRIAN CROSSING WITH RRFB	EW-N 81+11	36	36	III OR IV	STANDARD	STEEL	TYPE FB	15	-	7	6.4	MOUNT NEW SIGN ON NEW POST
70B	W16-7PL	DOWNWARD LEFT ARROW	"	30	21	III OR IV	STANDARD	-	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 70A
71A	W11-2	PEDESTRIAN CROSSING WITH RRFB	EW-N 81+09	36	36	III OR IV	STANDARD	STEEL	TYPE FB	15	-	7	10.5	MOUNT NEW SIGN ON NEW POST
71B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	-	TYPE FB	-	-	-	-	INSTALL BELOW SIGN NO. 71A
72A	W11-2	PEDESTRIAN CROSSING WITH RRFB	S-EW 71+21 LT	36	36	III OR IV	STANDARD	STEEL	TYPE FB	15	-	7	10.6	MOUNT NEW SIGN ON NEW POST
72B	W16-7PR	DOWNWARD RIGHT ARROW	"	30	21	III OR IV	STANDARD	-	TYPE FB					

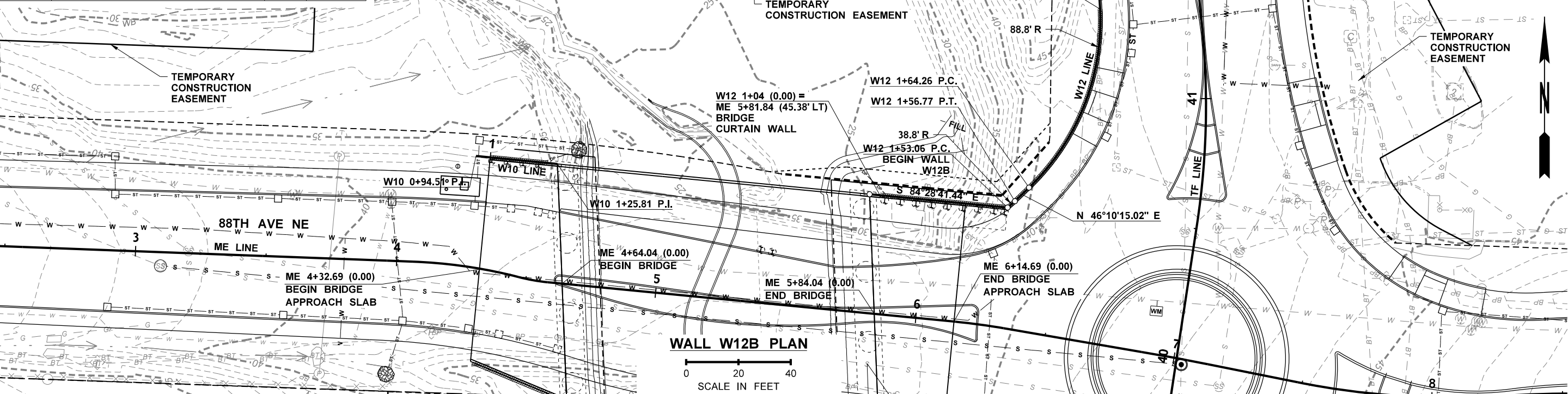
1. POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.
2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".
3. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\554-1598-131 4th St 88th St Corridor\99Svc\CADD\IDGN\IPS&ESheets\88th Design Plans\PS1598131_88TH_SS_SS02.dgn																	
TIME	9:21:19 AM					REGION NO.	STATE	FED.AID PROJ.NO.							PLAN REF NO		
DATE	8/5/2026					10	WASH								SS2		
PLOTTED BY	purgabut					JOB NUMBER									SHEET		
DESIGNED BY	M. TSUN														446		
ENTERED BY	J. TYLER														OF		
CHECKED BY	S. OLLING														534		
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO		CONTRACT NO.		LOCATION NO.							SHEETS		
REGIONAL ADM.		REVISION	DATE	BY													
										P.E. STAMP BOX		DATE					
										P.E. STAMP BOX		DATE					
																	
																I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 4 OF 4	
																SIGN SPECIFICATIONS	

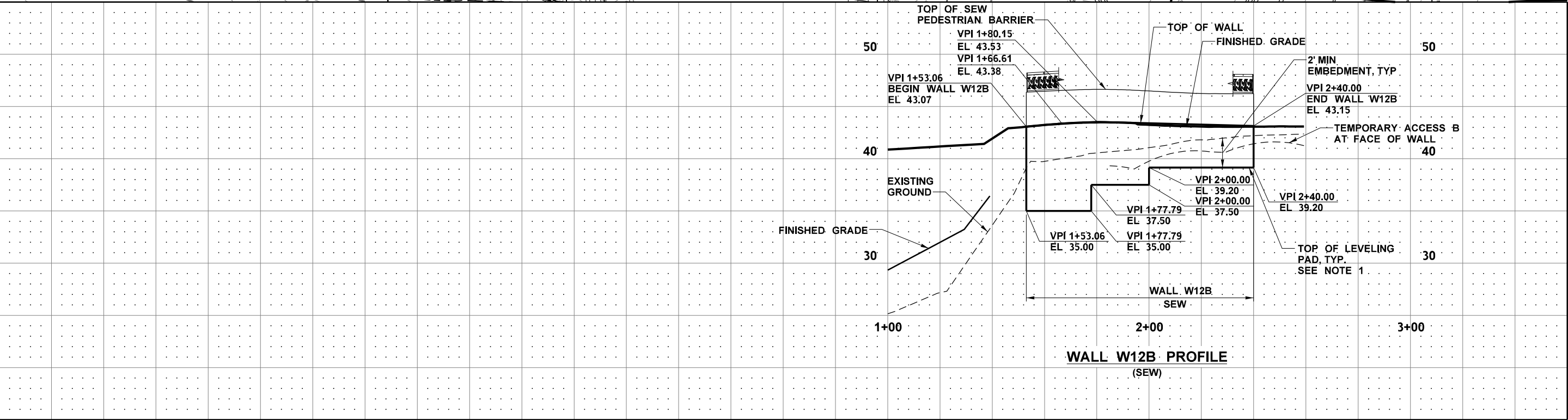
SIGN SPECIFICATIONS																																																																																																																																											
SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	LOCATION (STATION/OFFSET)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS																																																																																																																													
				X (INCH)	Y (INCH)					H1	H2	V	W																																																																																																																														
82	R1-2	YIELD	ME 17+87 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.68	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																													
83	R1-2	YIELD	ME 18+24 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.43	-	7	9	MOUNT NEW SIGN ON NEW POST																																																																																																																													
84	R1-2	YIELD	S-EW 71+57 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.73	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																													
85	R1-2	YIELD	S-EW 71+35 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.86	-	7	5	MOUNT NEW SIGN ON NEW POST																																																																																																																													
87	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	ME 17+88 RT	73	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.54	7.46	7	6	MOUNT NEW SIGN ON (2) NEW POSTS																																																																																																																													
90	R1-2	YIELD	TS 50+85 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.40	-	7	11	MOUNT NEW SIGN ON NEW POST																																																																																																																													
91	R1-2	YIELD	ME 21+46 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.47	-	7	11	MOUNT NEW SIGN ON NEW POST																																																																																																																													
92	R1-2	YIELD	ME 20+05 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.62	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																													
93	R1-2	YIELD	ME 21+40 LT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.40	-	7	4	MOUNT NEW SIGN ON NEW POST																																																																																																																													
94	R1-2	YIELD	TS 49+20 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	10.17	-	7	11.5	MOUNT NEW SIGN ON NEW POST																																																																																																																													
95	R1-2	YIELD	ME 19+95 RT	36	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	9.42	-	7	11	MOUNT NEW SIGN ON NEW POST																																																																																																																													
96	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDABOUT)	ME 22+11 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.92	-	7	10	MOUNT NEW SIGN ON NEW POST																																																																																																																													
97	R4-7	KEEP RIGHT	ME 22+86	24	30	III OR IV	STANDARD	STEEL	2.5 X 2.5	8.93	-	7	3.5	MOUNT NEW SIGN ON NEW POST																																																																																																																													
98A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	ME 22+52 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.43	-	7	7	MOUNT NEW SIGN ON NEW POST																																																																																																																													
98B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 98A																																																																																																																													
100	R6-1R	ONE WAY (RIGHT)	TS 50+20 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.75	-	7	11	MOUNT NEW SIGN ON NEW POST																																																																																																																													
101	R6-1R	ONE WAY (RIGHT)	ME 20+91 LT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.90	-	7	21	MOUNT NEW SIGN ON NEW POST																																																																																																																													
102	R6-1R	ONE WAY (RIGHT)	ME 20+52 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.79	-	7	21	MOUNT NEW SIGN ON NEW POST																																																																																																																													
103	R6-1R	ONE WAY (RIGHT)	TS 49+80 RT	36	12	III OR IV	STANDARD	STEEL	2.5 x 2.5	6.59	-	7	11	MOUNT NEW SIGN ON NEW POST																																																																																																																													
105A	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	TS 49+22 LT	80	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.35	7.27	7	6	MOUNT NEW SIGN ON (2) NEW POSTS																																																																																																																													
106A	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	TS 50+79 RT	80	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.36	7.30	7	6.5	MOUNT NEW SIGN ON (2) NEW POSTS																																																																																																																													
107	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	ME 20+04 LT	73	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.53	7.52	7	6.5	MOUNT NEW SIGN ON (2) NEW POSTS																																																																																																																													
108	D3-302	CROSSROADS NAME SIGN W/ CHEVRON (RIGHT)	ME 21+42 RT	73	12	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	7.35	7.26	7	6.5	MOUNT NEW SIGN ON (2) NEW POSTS																																																																																																																													
112A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 19+77 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.7	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
112B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 112A																																																																																																																													
113A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 19+92 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	7.7	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
113B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 113A																																																																																																																													
114A	W11-2	PEDESTRIAN CROSSING WITH RRFB	"	36	36	III OR IV	STANDARD	-	4" OD	-	-	-	-	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
114B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 114A																																																																																																																													
115A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 19+71 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.8	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
115B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 115A																																																																																																																													
116A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 21+69 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.8	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
116B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 116A																																																																																																																													
117A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 21+53 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	7.54	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
117B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 117A																																																																																																																													
118A	W11-2	PEDESTRIAN CROSSING WITH RRFB	"	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	7.54	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
118B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 118A																																																																																																																													
119A	W11-2	PEDESTRIAN CROSSING WITH RRFB	ME 21+74 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.8	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
119B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 119A																																																																																																																													
120A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 48+98 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	11	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
120B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 120A																																																																																																																													
121A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 48+97 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.7	MOUNT NEW SIGN ON RRFB POST																																																																																																																													
121B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 121A																																																																																																																													
CONSTRUCTION NOTES: 1. POST LENGTHS SHOWN ARE APPROXIMATE.FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION. 2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G". 3. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.																																																																																																																																											
<table><tr><td colspan="2">FILE NAME</td><td colspan="13">U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4thSt 88thSt Corridor\99Svc\CADD\IGNIPS&ESheets\88th Design Plans\PS1598131_88TH_SS_SS03.dgn</td></tr><tr><td>TIME</td><td>9:21:22 AM</td><td></td><td></td><td></td><td></td><td>REGION NO.</td><td>STATE</td><td colspan="2" rowspan="2">FED.AID PROJ.NO.</td><td colspan="2" rowspan="2"></td><td colspan="2" rowspan="2"></td><td rowspan="2">PLAN REF NO</td></tr><tr><td>DATE</td><td>8/5/2026</td><td></td><td></td><td></td><td></td><td>10</td><td>WASH</td></tr><tr><td>PLOTTED BY</td><td>purgabut</td><td></td><td></td><td></td><td></td><td colspan="2">JOB NUMBER</td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2">SHEET</td></tr><tr><td>DESIGNED BY</td><td>M. TSUN</td><td></td><td></td><td></td><td></td><td colspan="9"></td></tr><tr><td>ENTERED BY</td><td>J. TYLER</td><td></td><td></td><td></td><td></td><td colspan="2"></td><td rowspan="2"></td><td rowspan="6"></td><td rowspan="2"></td><td rowspan="6"></td><td rowspan="2"></td><td rowspan="6">I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 4 OF 4 SIGN SPECIFICATIONS</td></tr><tr><td>CHECKED BY</td><td>S. OLLING</td><td></td><td></td><td></td><td></td><td colspan="9"></td></tr><tr><td>PROJ. ENGR.</td><td>H. LONGFELLOW</td><td>AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY</td><td>8/5/2026</td><td>SO</td><td></td><td colspan="2">CONTRACT NO.</td><td colspan="2">LOCATION NO.</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>REGIONAL ADM.</td><td></td><td>REVISION</td><td>DATE</td><td>BY</td><td></td><td colspan="2" rowspan="3"></td><td colspan="2" rowspan="3"></td><td colspan="2"></td><td colspan="2"></td></tr></table>															FILE NAME		U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4thSt 88thSt Corridor\99Svc\CADD\IGNIPS&ESheets\88th Design Plans\PS1598131_88TH_SS_SS03.dgn													TIME	9:21:22 AM					REGION NO.	STATE	FED.AID PROJ.NO.						PLAN REF NO	DATE	8/5/2026					10	WASH	PLOTTED BY	purgabut					JOB NUMBER								SHEET	DESIGNED BY	M. TSUN														ENTERED BY	J. TYLER												I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 4 OF 4 SIGN SPECIFICATIONS	CHECKED BY	S. OLLING														PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO		CONTRACT NO.		LOCATION NO.						REGIONAL ADM.		REVISION	DATE	BY									
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SIGN SPECIFICATIONS														
SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	LOCATION (STATION/OFFSET)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS
				X (INCH)	Y (INCH)					H1	H2	V	W	
122A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 51+04 LT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.6	MOUNT NEW SIGN ON RRFB POST
122B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 122A
123A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 51+02 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	10.8	MOUNT NEW SIGN ON RRFB POST
123B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 123A
130	R4-7	KEEP RIGHT	TF 42+29	24	30	III OR IV	STANDARD	STEEL	2.5 X 2.5	8.93	-	7	3.5	MOUNT NEW SIGN ON NEW POST
131	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDABOUT)	TF 42+57 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	8.98	-	7	3.5	MOUNT NEW SIGN ON NEW POST
132A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	TF 42+91 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.39	-	7	3.5	MOUNT NEW SIGN ON NEW POST
132B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 132A
135	R4-7	KEEP RIGHT	TS 48+68	24	30	III OR IV	STANDARD	STEEL	2.5 X 2.5	28.94	-	7	3	MOUNT NEW SIGN ON NEW POST
136A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	TS 48+27 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.44	-	7	4.5	MOUNT NEW SIGN ON NEW POST
136B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 136A
137	R4-7	KEEP RIGHT	TS 51+81	24	30	III OR IV	STANDARD	STEEL	2.5 X 2.5	8.90	-	7	5	MOUNT NEW SIGN ON NEW POST
138A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	TS 51+62 LT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	9.41	-	7	8.5	MOUNT NEW SIGN ON NEW POST
138B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 138A
140	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL (2 LANE, ROUNDABOUT)	N-WE 63+92 LT	30	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	10.45	-	7	11	MOUNT NEW SIGN ON NEW POST
145A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	N-WE 66+22 LT	36	36	III OR IV	STANDARD	-	-	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FOR SIGN R-40
145B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 145A
146	D1-602	CIRCULAR INTERSECTION DESTINATION (2 LINE)	N-WE 67+23 LT	114	32	III OR IV	STANDARD	STEEL	2.5 x 2.5	11.21	12.02	7	13	MOUNT NEW SIGN ON (2) NEW POSTS
150A	W2-6	ROUNDABOUT AHEAD (SYMBOL)	S-EW 66+22 RT	36	36	III OR IV	STANDARD	STEEL	2.5 x 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FOR SIGN R-41
150B	W13-1	15 MPH	"	24	24	III OR IV	STANDARD	-	-	-	-	-	-	INSTALL BELOW SIGN NO. 150A
151	R3-7R	RIGHT LANE MUST TURN RIGHT	S-EW 61+81 RT	30	30	III OR IV	STANDARD	STEEL	2.5 X 2.5	-	-	-	-	MOUNT NEW SIGN ON EXISTING POST FOR SIGN R-42
155	R3-8A (MOD)	ADVANCE INTERSECTION LANE CONTROL (3 LANE, ROUNDABOUT)	S-EW 70+13 LT	48	30	III OR IV	SEE DETAIL	STEEL	2.5 X 2.5	9.66	-	7	7	MOUNT NEW SIGN ON NEW POST
156A	W11-2	PEDESTRIAN CROSSING WITH RRFB	S-EW 70+83 RT	36	36	III OR IV	STANDARD	-	4" OD	15	-	7	8.6	MOUNT NEW SIGN ON RRFB POST
156B	W16-7PL	DOWNWARD LEFT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 156A
157	OM-3C	TYPE 3 OBJECT MARKER (CENTER)	S-EW 70+80 RT	12	36	III OR IV	STANDARD	STEEL	2.5 X 2.5	3.47	-	1	8	MOUNT NEW SIGN ON NEW POST
158A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 50+91 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	6.6	MOUNT NEW SIGN ON RRFB POST
158B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 117A
159A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 49+09 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	5.8	MOUNT NEW SIGN ON RRFB POST
159B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 118A
160A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 50+91 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	6.6	MOUNT NEW SIGN ON RRFB POST
160B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 117A
161A	W11-2	PEDESTRIAN CROSSING WITH RRFB	TS 49+09 RT	36	36	III OR IV	STANDARD	STEEL	4" OD	15	-	7	5.8	MOUNT NEW SIGN ON RRFB POST
161B	W16-7PR	DOWNWARD RIGHT ARROW	"	21	15	III OR IV	STANDARD	-	4" OD	-	-	-	-	INSTALL BELOW SIGN NO. 118A

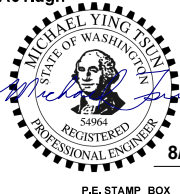
WALL W12B QUANTITIES			
STD ITEM #	ITEM	UNIT	QUANTITY
7006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	88
7169	STRUCTURAL EARTH WALL	S.F.	529
7567	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	160
4120	SEW PEDESTRIAN BARRIER	L.F.	137



- NOTES:**
1. THE FINAL CONCRETE LEVELING PAD ELEVATION MAY BE LOWER. FINAL CONCRETE LEVELING PAD ELEVATION DETERMINED BY THE WALL MANUFACTURER.
 2. SEE AL SHEETS FOR HORIZONTAL ALIGNMENT DATA.
 3. SEE SHEETS WD1-WD2 FOR WALL DETAILS.

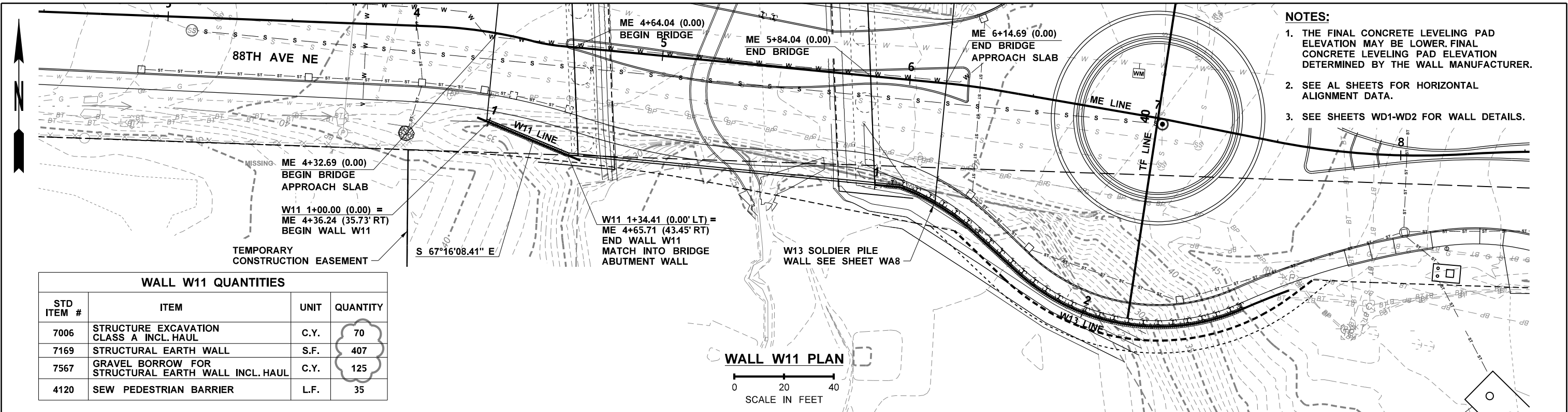


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DATE	8/5/2026	REGION NO. STATE	
PLOTTED BY	purgabut	10 WASH	
DESIGNED BY	M. TSUN	JOB NUMBER	
ENTERED BY	B. PURGANAN	CONTRACT NO.	
CHECKED BY	J. MERTH	LOCATION NO.	
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	
REGIONAL ADM.		REVISION	

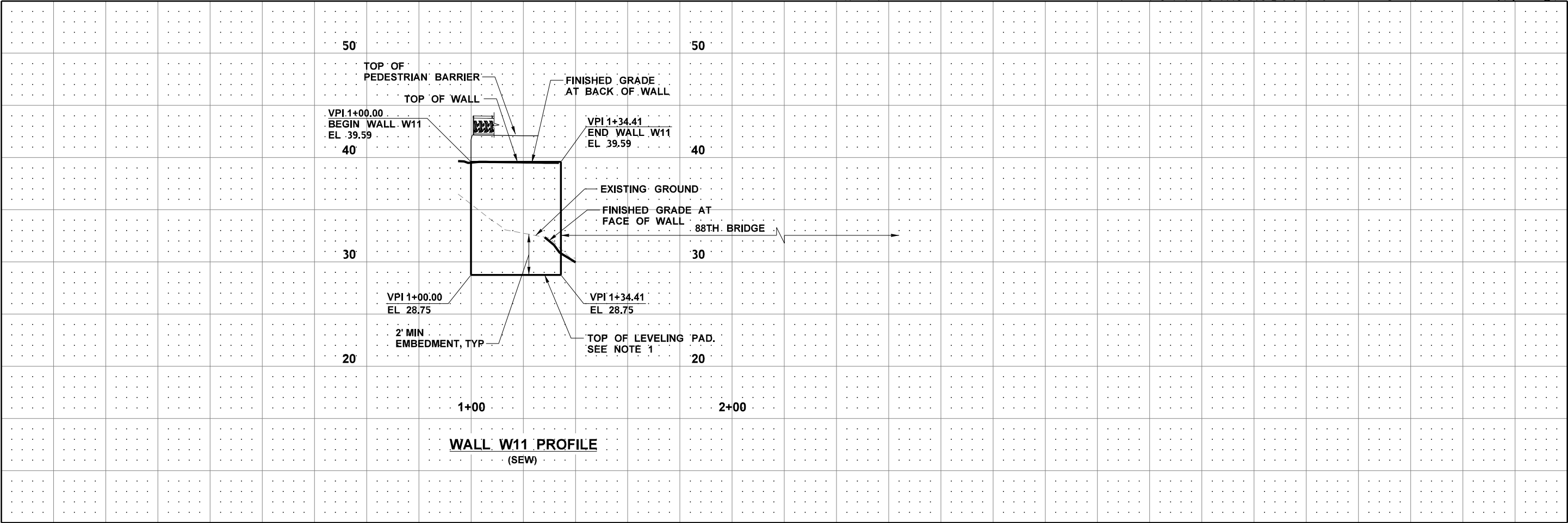


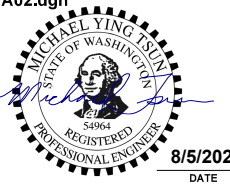
I-5 / 4TH ST AND 88TH ST NE
CORRIDOR IMPROVEMENTS
VOLUME 4 OF 4
RETAINING WALL PLAN AND PROFILE
WALL W12B SEW WALL

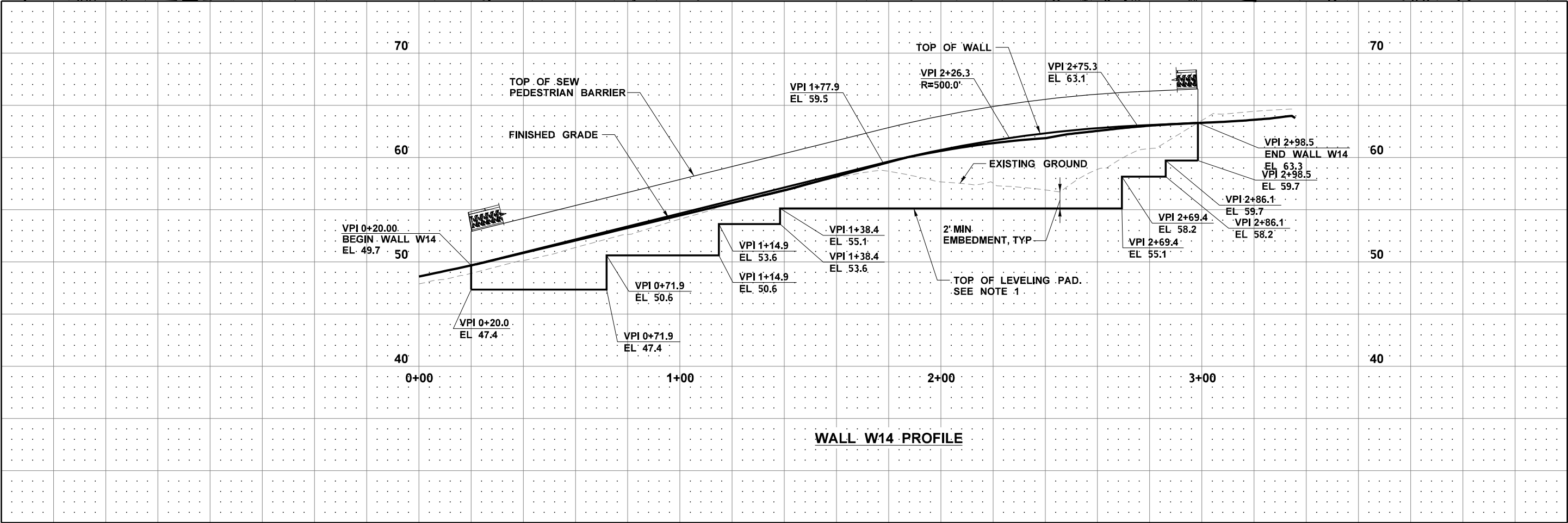
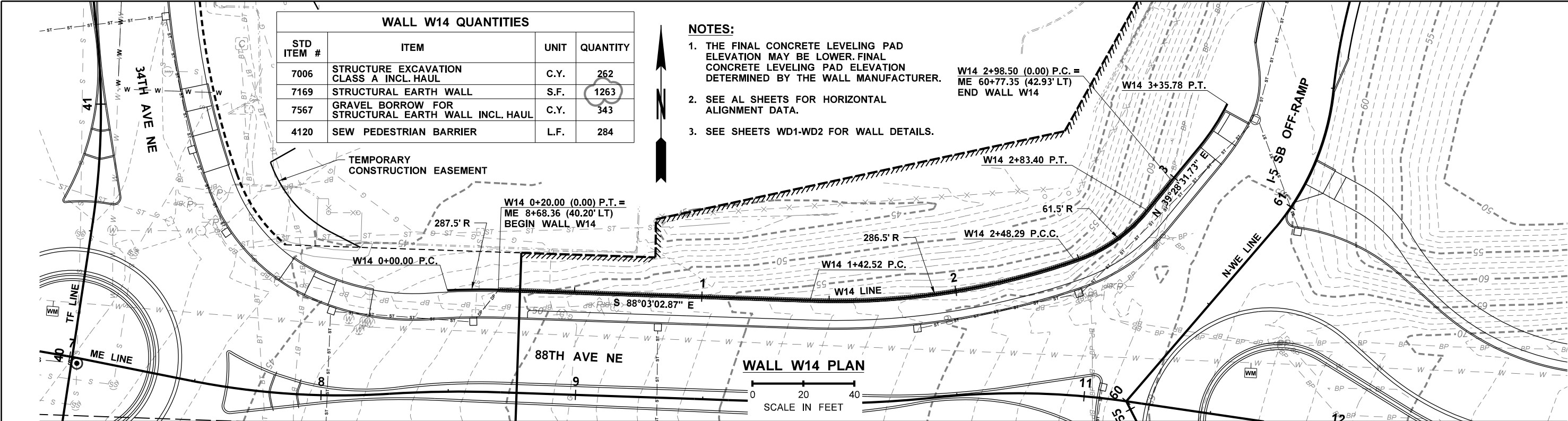
PLAN REF. NO.
WA1
SHEET
366
OF
534
SHEETS



WALL W11 QUANTITIES			
STD ITEM #	ITEM	UNIT	QUANTITY
7006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	70
7169	STRUCTURAL EARTH WALL	S.F.	407
7567	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	125
4120	SEW PEDESTRIAN BARRIER	L.F.	35

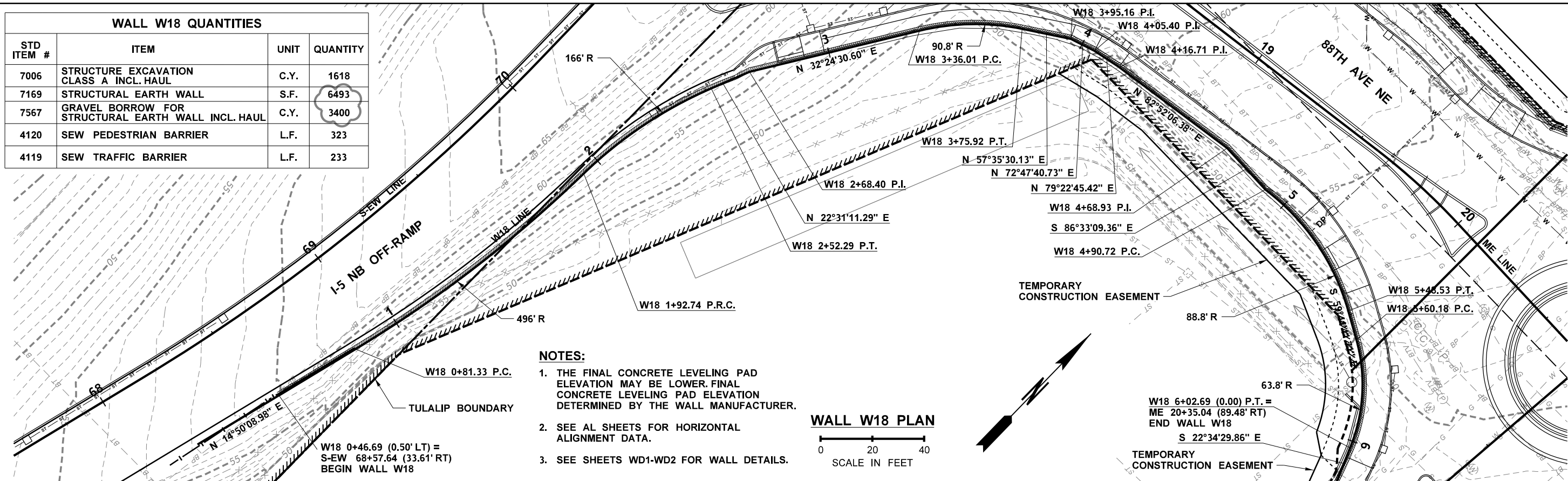


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TIME	2:30:00 PM								
DATE	8/5/2026								
PLOTTED BY	purgabut								
DESIGNED BY	M. TSUN								
ENTERED BY	B. PURGANAN								
CHECKED BY	J. MERTH								
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO					
REGIONAL ADM.		REVISION	DATE	BY					



FILE NAME		U:\PSOI\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99Svcs\CADD\IGNIPS&ESheets\88th Design Plans\PS1598131_88TH_PS_WA03.dgn									
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DATE	8/5/2026					10	WASH				
PLOTTED BY	purgabut					JOB NUMBER					
DESIGNED BY	M. TSUN					CONTRACT NO.					
ENTERED BY	B. PURGANAN							LOCATION NO.			
CHECKED BY	J. MERTH										
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO							
REGIONAL ADM.		REVISION	DATE	BY							

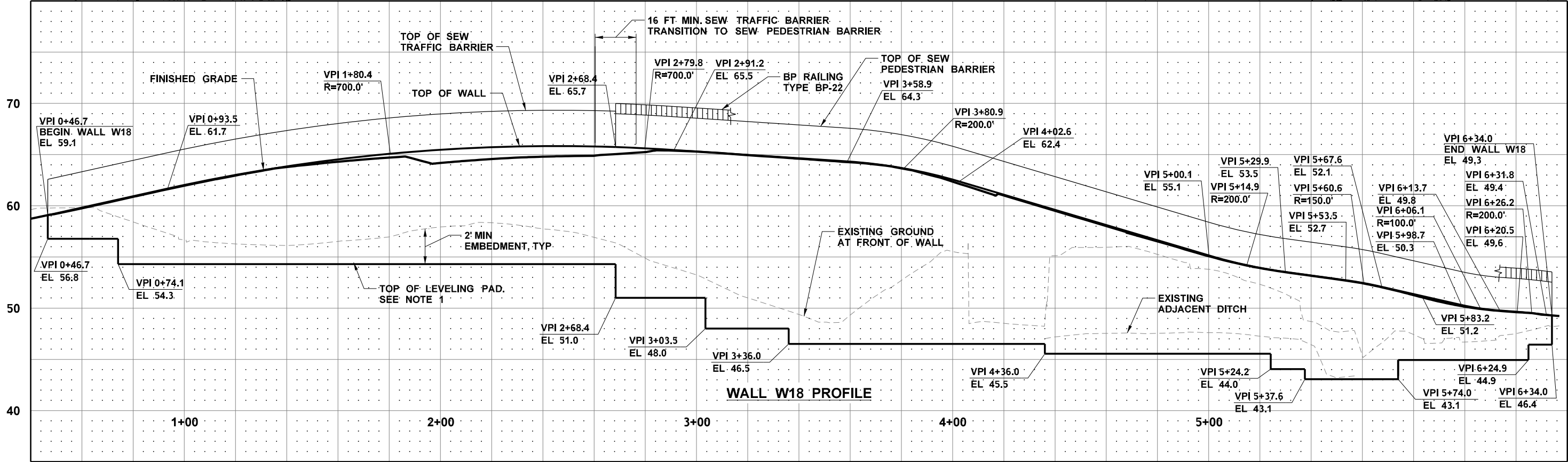
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STD ITEM #	ITEM	UNIT	QUANTITY
7006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	1618
7169	STRUCTURAL EARTH WALL	S.F.	6493
7567	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	3400
4120	SEW PEDESTRIAN BARRIER	L.F.	323
4119	SEW TRAFFIC BARRIER	L.F.	233



- NOTES:**
1. THE FINAL CONCRETE LEVELING PAD ELEVATION MAY BE LOWER. FINAL CONCRETE LEVELING PAD ELEVATION DETERMINED BY THE WALL MANUFACTURER.
 2. SEE AL SHEETS FOR HORIZONTAL ALIGNMENT DATA.
 3. SEE SHEETS WD1-WD2 FOR WALL DETAILS.

WALL W18 PLAN

0 20 40
SCALE IN FEET



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DESIGNED BY		M. TSUN	
ENTERED BY		B. PURGANAN	
CHECKED BY		J. MERTH	
PROJ. ENGR.		H. LONGFELLOW	
REGIONAL ADM.		AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	
		8/5/2026	
		SO	
		BY	
		REVISION	
		DATE	
		BY	

REGION NO. 10 STATE WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

FED.AID PROJ.NO.



P.E. STAMP BOX

DATE 8/5/2026

P.E. STAMP BOX

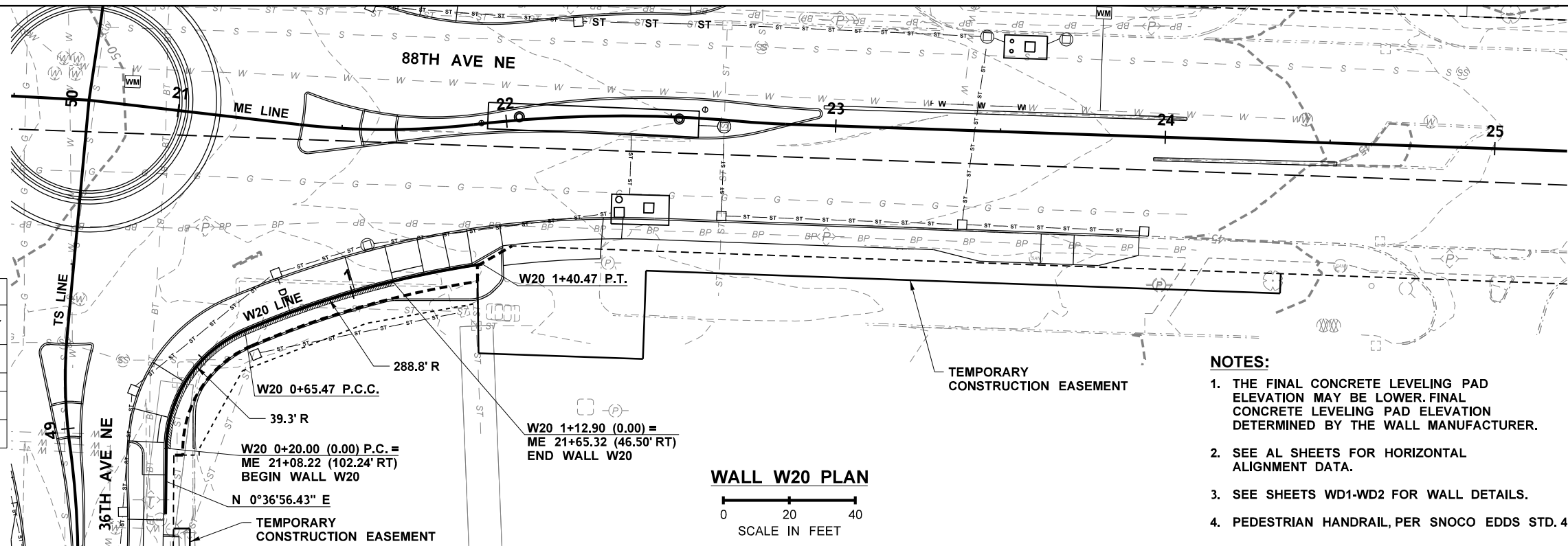
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I-5 / 4TH ST AND 88TH ST NE
CORRIDOR IMPROVEMENTS
VOLUME 4 OF 4
RETAINING WALL PLAN AND PROFILE
WALL W18 SEW WALL

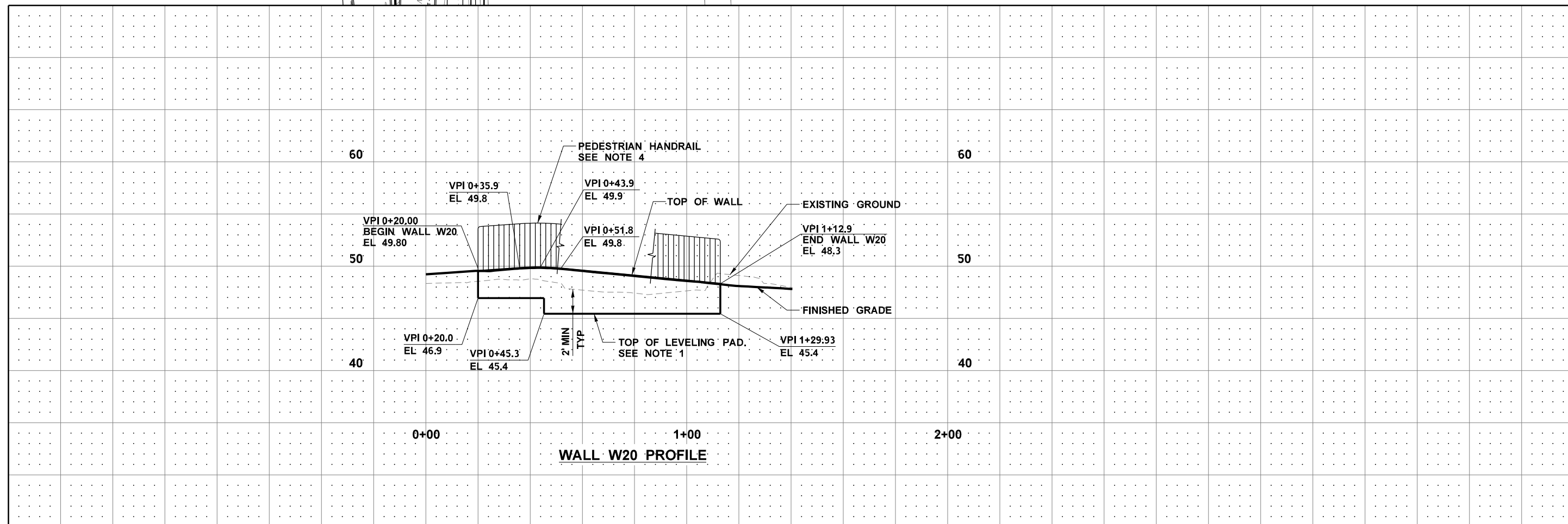
PLAN REF. NO.
WA4

SHEET
369
OF
534
SHEETS



WALL W20 QUANTITIES			
STD ITEM #	ITEM	UNIT	QUANTITY
7006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	20
7169	STRUCTURAL EARTH WALL	S.F.	320
7567	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	72
1945	PEDESTRIAN HANDRAIL	L.F.	93

- NOTES:**
1. THE FINAL CONCRETE LEVELING PAD ELEVATION MAY BE LOWER. FINAL CONCRETE LEVELING PAD ELEVATION DETERMINED BY THE WALL MANUFACTURER.
 2. SEE AL SHEETS FOR HORIZONTAL ALIGNMENT DATA.
 3. SEE SHEETS WD1-WD2 FOR WALL DETAILS.
 4. PEDESTRIAN HANDRAIL, PER SNOOCO EDDS STD. 4-200.



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DESIGNED BY	M. TSUN										
ENTERED BY	B. PURGANAN					CONTRACT NO.		LOCATION NO.			
CHECKED BY	J. MERTH										
PROJ. ENGR.	H. LONGFELLOW	AD4 - REVISED RRFB POST, SIGNAGE AND WALL QUANTITY	8/5/2026	SO							
REGIONAL ADM.		REVISION	DATE	BY							

Schedule G – 88th Street NE – Work Within the Tribal Reservation Boundary Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 1: PREPARATION					
G1	MOBILIZATION	L.S.	1	\$	\$
G2	CLEARING AND GRUBBING	ACRE	1.19	\$	\$
G3	REMOVING DRAINAGE STRUCTURE	EACH	6	\$	\$
G4	REMOVING ASPHALT CONC. PAVEMENT	S.Y.	65	\$	\$
G5	REMOVING GUARDRAIL	L.F.	225	\$	\$
G6	REMOVING GUARDRAIL ANCHOR	EACH	3	\$	\$
G7	REMOVING CHAIN LINK FENCE	L.F.	50	\$	\$
G8	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	\$	\$
SECTION 2: GRADING					
G9	ROADWAY EXCAVATION INCL. HAUL	C.Y.	2,530	\$	\$
G10	GRAVEL BORROW INCL. HAUL	TON	7,130	\$	\$
G11	EMBANKMENT COMPACTION	C.Y.	3,750	\$	\$
G12	DEWATERING	L.S.	1	\$	\$
SECTION 4: DRAINAGE					
G13	CHANNEL EXCAVATION INCL. HAUL	C.Y.	5,300	\$	\$
G14	QUARRY SPALLS	C.Y.	12	\$	\$
G15	STREAMBED SAND	TON	267	\$	\$
G16	STREAMBED SEDIMENT	TON	690	\$	\$
G17	STREAMBED COBBLES 4 IN.	TON	80	\$	\$
G18	STREAMBED BOULDER TYPE THREE	EACH	6	\$	\$
G19	LARGE WOODY MATERIAL - LOG WITHOUT ROOTWAD DIA 0.75 FT (LOG D, PILE)	EACH	36	\$	\$
G20	LARGE WOODY MATERIAL - LOG WITH ROOTWAD DIA 1.5 FT (LOG C)	EACH	15	\$	\$
G21	LARGE WOODY MATERIAL - LOG WITH ROOTWAD DIA 2 FT (LOG B)	EACH	12	\$	\$
G22	LARGE WOODY MATERIAL - LOG WITH ROOTWAD DIA 2. FT (LOG A)	EACH	5	\$	\$
G23	SLASH	C.Y.	48	\$	\$
G24	UNDERDRAIN PIPE 6 IN. DIAM.	L.F.	543	\$	\$
G25	DRAIN PIPE 6 IN. DIAM.	L.F.	20	\$	\$
G26	HIGH-DENSITY POLYETHYLENE (HDPE) PIPE 12 IN. DIAM.	L.F.	335	\$	\$
G27	TEMPORARY STREAM DIVERSION	L.S.	1	\$	\$
G28	FISH EXCLUSION BLOCK NET MAINTENANCE	EST.	1	\$ 10,000	\$ 10,000

Schedule G – 88th Street NE – Work Within the Tribal Reservation Boundary Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 5: STORM SEWER					
G29	CATCH BASIN TYPE 1	EACH	30	\$	\$
G30	CATCH BASIN TYPE 2 48 IN. DIAM.	EACH	2	\$	\$
G31	CATCH BASIN TYPE 2 48 IN. DIAM. - EXTRA DEPTH	EACH	1	\$	\$
G32	TESTING STORM SEWER PIPE	L.F.	1,513	\$	\$
G33	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	L.F.	1,178	\$	\$
G34	INFILTRATION VAULT (A)	EACH	1	\$	\$
G35	STORMWATER TREATMENT VAULT OPTION 1 - LARGE	EACH	2	\$	\$
G36	STORMWATER TREATMENT VAULT OPTION 2 - LARGE	EACH	1	\$	\$
G37	MANHOLE 48 IN. DIAM. TYPE I	EACH	2	\$	\$
SECTION 6: SANITARY SEWER					
G38	ADJUST MANHOLE	EACH	6	\$	\$
SECTION 8: STRUCTURES					
G39	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	5,321	\$	\$
G40	SHORING OR EXTRA EXCAVATION CL. A	L.S.	1	\$	\$
G41	CONSTRUCTING 8 FT. DIAM SHAFT	L.F.	800	\$	\$
G42	SHAFT - 30 IN. DIAMETER	L.F.	1,544	\$	\$
G43	SHAFT - 36 IN. DIAMETER	L.F.	567	\$	\$
G44	FURNISHING SOLDIER PILE HP14X117	L.F.	161	\$	\$
G45	FURNISHING SOLDIER PILE W18X211	L.F.	1,704	\$	\$
G46	FURNISHING SOLDIER PILE W24x192	L.F.	634	\$	\$
G47	EPOXY-COATED ST. REINF. BAR FOR SIDEWALK EXTENSION	LB.	6,778	\$	\$
G48	ST. REINF. BAR FOR BRIDGE	LB.	70,114	\$	\$
G49	QA SHAFT TEST	EACH	8	\$	\$
G50	CONC. CLASS 4000 FOR BRIDGE	C.Y.	427	\$	\$
G51	CONC. CLASS 4000 FOR SIDEWALK	C.Y.	136	\$	\$
G52	PRESTRESSED CONC. GIRDER WF58G	L.F.	1,177.50	\$	\$
G53	REMOVING SOLDIER PILE SHAFT OBSTRUCTION	EST.	1	\$ 56,400	\$ 56,400
G54	REMOVING SHAFT OBSTRUCTIONS	EST.	1	\$ 100,000	\$ 100,000
G55	STRUCTURAL CARBON STEEL	L.S.	1	\$	\$
G56	LAGGING	S.F.	2,927	\$	\$
G57	TRAFFIC PEDESTRIAN BARRIER	L.F.	368	\$	\$
G58	PEDESTRIAN BARRIER	L.F.	353	\$	\$
G59	EXPANSION JOINT SYSTEM COMPRESSION SEAL - SUPERSTR.	L.F.	179	\$	\$

Schedule G – 88th Street NE – Work Within the Tribal Reservation Boundary Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
G60	CONCRETE FASCIA PANEL	S.F.	3,160	\$	\$
G61	PREFABRICATED DRAINAGE MAT	S.Y.	213	\$	\$
G62	STRUCTURAL EARTH WALL	S.F.	1,176	\$	\$
G63	TEXTURED CEMENT CONC. CLASS 4000 FOR TRUCK APRON	S.Y.	205	\$	\$
G64	CONC. CLASS 4000 FOR SIDEWALK EXTENSION	C.Y.	136	\$	\$
G65	BRIDGE APPROACH SLAB	S.Y.	604	\$	\$
G66	BRIDGE RAILING TYPE DECORATIVE RAILING	L.F.	1,103	\$	\$
G67	88TH COHO BRIDGE SUPERSTRUCTURE	L.S.	1	\$	\$
G68	LOW-DENSITY CELLULAR CONCRETE	C.Y.	2,802	\$	\$
G69	MOMENT SLAB PEDESTRIAN BARRIER	L.F.	157	\$	\$
G70	SHEET PILE WALL	L.S.	1	\$	\$
G71	WORK ACCESS	L.S.	1	\$	\$
SECTION 9: SURFACING					
G72	CRUSHED SURFACING BASE COURSE	TON	2,956	\$	\$
SECTION 13: CEMENT CONCRETE PAVEMENT					
G73	TEXTURED COMMERCIAL CONC. FOR BUFFER	S.Y.	54	\$	\$
G74	TEXTURED COMMERCIAL CONC. FOR SPLITTER ISLAND	S.Y.	244	\$	\$
SECTION 14: HOT MIX ASPHALT					
G75	PLANING BITUMINOUS PAVEMENT	S.Y.	300	\$	\$
G76	HMA CL. 1/2 IN. PG 58H-22	TON	2,832	\$	\$
G77	JOB MIX COMPLIANCE PRICE ADJUSTMENT	CALC	1	\$ 10,196	\$ 10,196
G78	COMPACTION PRICE ADJUSTMENT	CALC	1	\$ 6,797	\$ 6,797
G79	ASPHALT COST PRICE ADJUSTMENT	CALC	1	\$ 12,914	\$ 12,914
SECTION 16: IRRIGATION AND WATER DISTRIBUTION					
G80	PERMANENT IRRIGATION SYSTEM	L.S.	1	\$	\$
SECTION 17: EROSION CONTROL AND ROADSIDE RESTORATION					
G81	SILT FENCE	L.F.	616	\$	\$
G82	ESC LEAD	DAY	200	\$	\$
G83	TOPSOIL TYPE A	CY	355	\$	\$
G84	SEEDING, FERTILIZING, AND MULCHING	ACRE	0.4	\$	\$
G85	CHECK DAM	L.F.	60	\$	\$
G86	STABILIZED CONSTRUCTION ENTRANCE	S.Y.	104	\$	\$
G87	STREET CLEANING	HR	350	\$	\$
G88	INLET PROTECTION	EACH	50	\$	\$

Schedule G – 88th Street NE – Work Within the Tribal Reservation Boundary Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
G89	EROSION/WATER POLLUTION CONTROL	EST.	1	\$ 75,000	\$ 75,000
G90	COIR LOG	L.F.	180	\$	\$
G91	SOIL AMENDMENT	ACRE	1.25	\$	\$
G92	PSIPE, VINE MAPLE, #2 CONT.	EACH	15	\$	\$
G93	PSIPE, BIG LEAF MAPLE, #2 CONT.	EACH	18	\$	\$
G94	PSIPE, BITTER CHERRY, #2 CONT.	EACH	34	\$	\$
G95	PSIPE, DOUGLAS FIR, #2 CONT.	EACH	38	\$	\$
G96	PSIPE, WESTERN RED CEDAR, #2 CONT.	EACH	24	\$	\$
G97	PSIPE, WESTERN HEMLOCK, #2 CONT.	EACH	2	\$	\$
G98	PSIPE, WESTERN SERVICEBERRY, #1 CONT.	EACH	95	\$	\$
G99	PSIPE, RED-TWIG DOGWOOD, 1/2" x 36" LIVESTAKE CUTTING	EACH	563	\$	\$
G100	PSIPE, TALL OREGON GRAPE, #1 CONT.	EACH	154	\$	\$
G101	PSIPE, OSO BERRY, #1 CONT.	EACH	154	\$	\$
G102	PSIPE, DWARF MUGO PINE, #1 CONT.	EACH	13	\$	\$
G103	PSIPE, MOCK ORANGE, #1 CONT.	EACH	250	\$	\$
G104	PSIPE, PACIFIC NINEBARK, #1 CONT.	EACH	291	\$	\$
G105	PSIPE, NOOTKA ROSE, #1 CONT.	EACH	213	\$	\$
G106	PSIPE, SITKA WILLOW, 1/2" x 36" LIVESTAKE CUTTING	EACH	563	\$	\$
G107	PSIPE, SNOWBERRY, #1 CONT.	EACH	387	\$	\$
G108	PSIPE, KINNIKINNICK, #1 CONT.	EACH	55	\$	\$
G109	PSIPE, SWORD FERN, #1 CONT.	EACH	293	\$	\$
G110	PSIPE, MOUNT VERNON LAUREL, #2 CONT.	EACH	174	\$	\$
G111	PSIPE, PRIVET HONEYSUCKLE, #2 CONT.	EACH	34	\$	\$
G112	PSIPE, JAPANESE PIERIS, #2 CONT.	EACH	25	\$	\$
G113	PSIPE, LITTLE PRINCESS SPIREA, #2 CONT.	EACH	21	\$	\$
G114	BARK OR WOOD CHIP MULCH	C.Y.	615	\$	\$
G115	HIGH VISIBILITY SILT FENCE	L.F.	1,823	\$	\$
G116	ENVIRONMENTAL COMPLIANCE LEAD	L.S.	1	\$	\$
G117	PLANT ESTABLISHMENT - SECOND YEAR	EST.	1	\$ 61,000	\$ 61,000
G118	PLANT ESTABLISHMENT - THIRD YEAR	EST.	1	\$ 41,000	\$ 41,000
G119	TEMPORARY PIPE SLOPE DRAIN	L.F.	289	\$	\$
G120	COMPOST AMENDED STREAMBED MATERIAL	C.Y.	180	\$	\$

Schedule G – 88th Street NE – Work Within the Tribal Reservation Boundary Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
G121	COIR BLANKET	S.Y.	130	\$	\$
SECTION 18: TRAFFIC					
G122	ROUNDAABOUT SPLITTER ISLAND NOSING CURB	EACH	2	\$	\$
G123	ROUNDAABOUT CEMENT CONCRETE CURB AND GUTTER	L.F.	364	\$	\$
G124	CEMENT CONC. TRAFFIC CURB AND GUTTER	L.F.	1,565	\$	\$
G125	CEMENT CONC. TRAFFIC CURB	L.F.	719	\$	\$
G126	ROUNDAABOUT CENTRAL ISLAND CEMENT CONCRETE CURB	L.F.	214	\$	\$
G127	ROUNDAABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	L.F.	270	\$	\$
G128	CEMENT CONC. PEDESTRIAN CURB	L.F.	154	\$	\$
G129	TEMPORARY BARRIER	L.F.	3,628	\$	\$
G130	TEMPORARY IMPACT ATTENUATOR	EACH	1	\$	\$
G131	RESETTING IMPACT ATTENUATOR	EACH	5	\$	\$
G132	TEMPORARY PAVEMENT MARKING - SHORT DURATION	L.F.	22,400	\$	\$
G133	TEMPORARY MISC. PAVEMENT MARKING - SHORT DURATION	EACH	43	\$	\$
G134	TEMPORARY STOP LINE - SHORT DURATION	L.F.	171	\$	\$
G135	TEMPORARY CROSSWALK LINE - SHORT DURATION	S.F.	2,865	\$	\$
G136	PROFIED PLASTIC LINE	L.F.	2,314	\$	\$
G137	PROFIED PLASTIC WIDE LINE	L.F.	1,150	\$	\$
G138	PLASTIC CROSSWALK LINE	S.F.	368	\$	\$
G139	PLASTIC TRAFFIC ARROW	EACH	14	\$	\$
G140	PLASTIC TRAFFIC LETTER	EACH	4	\$	\$
G141	PLASTIC YIELD LINE SYMBOL	EACH	25	\$	\$
G142	PERMANENT SIGNING	L.S.	1	\$	\$
G143	TEMPORARY ILLUMINATION SYSTEM , COMPLETE - TULALIP	L.S.	1	\$	\$
G144	TEMPORARY TRAFFIC SIGNAL SYSTEM, COMPLETE - TULALIP	L.S.	1	\$	\$
G145	ILLUMINATION SYSTEM, COMPLETE - TULALIP	L.S.	1	\$	\$
G146	TRAFFIC SIGNAL SYSTEM RRFBS, COMPLETE - TULALIP	L.S.	1	\$	\$
G147	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$	\$
SECTION 19: OTHER ITEMS					
G148	ADJUST CATCH BASIN	EACH	2	\$	\$
G149	TYPE C PROGRESS SCHEDULE	L.S.	1	\$	\$
G150	STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	640	\$	\$

Schedule G – 88th Street NE – Work Within the Tribal Reservation Boundary Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
G151	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	2,147	\$	\$
G152	STRUCTURE SURVEYING	L.S.	1	\$	\$
G153	ROADWAY SURVEYING	L.S.	1	\$	\$
G154	LICENSED SURVEYING	EST.	1	\$ 5,000	\$ 5,000
G155	CEMENT CONC. SIDEWALK	S.Y.	1,011	\$	\$
G156	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1	S.Y.	45	\$	\$
G157	CEMENT CONC. CURB RAMP PARALLEL TYPE A	EACH	4	\$	\$
G158	DETECTABLE WARNING SURFACE	S.F.	80	\$	\$
G159	CONNECTION TO DRAINAGE STRUCTURE	EACH	3	\$	\$
G160	ROADSIDE CLEANUP	EST.	1	\$ 7,000	\$ 7,000
G161	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	1	\$ 8,750	\$ 8,750
G162	MINOR CHANGE	EST.	1	\$ 200,000	\$ 200,000
G163	RECORD DRAWINGS	L.S.	1	\$	\$
G164	SPCC PLAN	L.S.	1	\$	\$
G165	RESOLUTION OF UTILITY CONFLICTS	EST.	1	\$ 72,500	\$ 72,500
G166	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	343	\$	\$
G167	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	S.Y.	4,680	\$	\$
Subtotal:				\$	
TERO (1.75%):				\$	
TOTAL SCHEDULE G (Including TERO):				\$	

Schedule H – 88th Street NE – Work Within the Tribal Reservation Boundary Inside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 1: PREPARATION					
H1	MOBILIZATION	L.S.	1	\$	\$
H2	CLEARING AND GRUBBING	ACRE	3.70	\$	\$
H3	REMOVING DRAINAGE STRUCTURE	EACH	5	\$	\$
H4	REMOVING ASPHALT CONC. PAVEMENT	S.Y.	1,219	\$	\$
H5	REMOVING CHAIN LINK FENCE	L.F.	190	\$	\$
H6	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	\$	\$
SECTION 2: GRADING					
H7	ROADWAY EXCAVATION INCL. HAUL	C.Y.	12,260	\$	\$
H8	POND EXCAVATION INCL. HAUL	C.Y.	1,537	\$	\$
H9	DEWATERING	L.S.	1	\$	\$
SECTION 4: DRAINAGE					
H10	CHANNEL EXCAVATION INCL. HAUL	C.Y.	410	\$	\$
H11	DROP INLET TYPE 2	EACH	1	\$	\$
H12	QUARRY SPALLS	C.Y.	55	\$	\$
H13	UNDERDRAIN PIPE 6 IN. DIAM.	L.F.	348	\$	\$
H14	DRAIN PIPE 6 IN. DIAM.	L.F.	15	\$	\$
H15	HIGH-DENSITY POLYETHYLENE (HDPE) PIPE 12 IN. DIAM.	L.F.	474	\$	\$
SECTION 5: STORM SEWER					
H16	CATCH BASIN TYPE 1	EACH	30	\$	\$
H17	CATCH BASIN TYPE 2 48 IN. DIAM.	EACH	11	\$	\$
H18	CATCH BASIN TYPE 2 48 IN. DIAM. - EXTRA DEPTH	EACH	1	\$	\$
H19	TESTING STORM SEWER PIPE	L.F.	3,412	\$	\$
H20	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	L.F.	2,805	\$	\$
H21	SCHEDULE B STORM SEWER PIPE 12 IN. DIAM.	L.F.	133	\$	\$
H22	STORMWATER TREATMENT VAULT OPTION 1 - STANDARD	EACH	1	\$	\$
H23	STORMWATER TREATMENT VAULT OPTION 1 - LARGE	EACH	2	\$	\$
H24	STORMWATER TREATMENT VAULT OPTION 2 - STANDARD	EACH	2	\$	\$
H25	STORMWATER TREATMENT VAULT OPTION 2 - LARGE	EACH	1	\$	\$
H26	MANHOLE 48 IN. DIAM. TYPE I	EACH	4	\$	\$
H27	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE I	L.F.	11	\$	\$

Schedule H – 88th Street NE – Work Within the Tribal Reservation Boundary Inside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 8: STRUCTURES					
H28	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	480.40	\$	\$
H29	SHORING OR EXTRA EXCAVATION CL. A	L.S.	1	\$	\$
H30	SHAFT - 30 IN. DIAMETER	L.F.	190	\$	\$
H31	FURNISHING SOLDIER PILE HP14X117	L.F.	184	\$	\$
H32	EPOXY-COATED ST. REINF. BAR FOR SIDEWALK EXTENSION	LB.	8,208	\$	\$
H33	REMOVING SOLDIER PILE SHAFT OBSTRUCTION	EST.	1	\$ 3,600	\$ 3,600
H34	STRUCTURAL CARBON STEEL	L.S.	1	\$	\$
H35	LAGGING	S.F.	226	\$	\$
H36	SEW TRAFFIC BARRIER	L.F.	116	\$	\$
H37	PEDESTRIAN BARRIER	L.F.	308	\$	\$
H38	CONCRETE FASCIA PANEL	S.F.	289	\$	\$
H39	PREFABRICATED DRAINAGE MAT	S.Y.	13	\$	\$
H40	STRUCTURAL EARTH WALL	S.F.	1,925	\$	\$
H41	TEXTURED CEMENT CONC. CLASS 4000 FOR TRUCK APRON	S.Y.	123	\$	\$
H42	CONC. CLASS 4000 FOR SIDEWALK EXTENSION	C.Y.	127	\$	\$
H43	BRIDGE RAILING TYPE DECORATIVE RAILING	L.F.	784	\$	\$
H44	MOMENT SLAB PEDESTRIAN BARRIER	L.F.	63	\$	\$
SECTION 9: SURFACING					
H45	CRUSHED SURFACING BASE COURSE	TON	5,957	\$	\$
SECTION 13: CEMENT CONCRETE PAVEMENT					
H46	TEXTURED COMMERCIAL CONC. FOR BUFFER	S.Y.	668	\$	\$
H47	TEXTURED COMMERCIAL CONC. FOR SPLITTER ISLAND	S.Y.	381	\$	\$
SECTION 14: HOT MIX ASPHALT					
H48	PLANING BITUMINOUS PAVEMENT	S.Y.	310	\$	\$
H49	HMA CL. 1/2 IN. PG 58H-22	TON	6,890	\$	\$
H50	JOB MIX COMPLIANCE PRICE ADJUSTMENT	CALC	1	\$ 24,807	\$ 24,807
H51	COMPACTION PRICE ADJUSTMENT	CALC	1	\$ 16,538	\$ 16,538
H52	ASPHALT COST PRICE ADJUSTMENT	CALC	1	\$ 31,418	\$ 31,418
SECTION 16: IRRIGATION AND WATER DISTRIBUTION					
H53	PERMANENT IRRIGATION SYSTEM	L.S.	1	\$	\$
H54	TEMPORARY IRRIGATION SYSTEM	L.S.	1	\$	\$

Schedule H – 88th Street NE – Work Within the Tribal Reservation Boundary Inside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 17: EROSION CONTROL AND ROADSIDE RESTORATION					
H55	SILT FENCE	L.F.	5,429	\$	\$
H56	ESC LEAD	DAY	250	\$	\$
H57	TOPSOIL TYPE A	CY	898	\$	\$
H58	SEEDING, FERTILIZING, AND MULCHING	ACRE	2.62	\$	\$
H59	CHECK DAM	L.F.	315	\$	\$
H60	STABILIZED CONSTRUCTION ENTRANCE	S.Y.	156	\$	\$
H61	STREET CLEANING	HR	100	\$	\$
H62	INLET PROTECTION	EACH	52	\$	\$
H63	EROSION/WATER POLLUTION CONTROL	EST.	1	\$ 30,000	\$ 30,000
H64	SOIL AMENDMENT	ACRE	4.26	\$	\$
H65	PSIPE, VINE MAPLE, #2 CONT.	EACH	62	\$	\$
H66	PSIPE, SPIRE CHERRY, 2" CAL.	EACH	6	\$	\$
H67	PSIPE, DOUGLAS FIR, #2 CONT.	EACH	251	\$	\$
H68	PSIPE, EXCELSA CEDAR, 6' TALL	EACH	2	\$	\$
H69	PSIPE, WESTERN SERVICEBERRY, #1 CONT.	EACH	649	\$	\$
H70	PSIPE, TALL OREGON GRAPE, #1 CONT.	EACH	649	\$	\$
H71	PSIPE, PACIFIC NINEBARK, #1 CONT.	EACH	216	\$	\$
H72	PSIPE, NOOTKA ROSE, #1 CONT.	EACH	1,081	\$	\$
H73	PSIPE, SNOWBERRY, #1 CONT.	EACH	1,081	\$	\$
H74	PSIPE, SWORD FERN, #1 CONT.	EACH	1,319	\$	\$
H75	PSIPE, MOUNT VERNON LAUREL, #2 CONT.	EACH	166	\$	\$
H76	PSIPE, LITTLE PRINCESS SPIREA, #2 CONT.	EACH	21	\$	\$
H77	PSIPE, DAVIDS VIBURNUM, #2 CONT.	EACH	99	\$	\$
H78	PSIPE, ADAGIO MAIDEN GRASS, #2 CONT.	EACH	26	\$	\$
H79	BARK OR WOOD CHIP MULCH	C.Y.	926	\$	\$
H80	ENVIRONMENTAL COMPLIANCE LEAD	L.S.	1	\$	\$
H81	PLANT ESTABLISHMENT - SECOND YEAR	EST.	1	\$ 111,000	\$ 111,000
H82	PLANT ESTABLISHMENT - THIRD YEAR	EST.	1	\$ 74,000	\$ 74,000
H83	ROUNDBOUT COBBLE	TON	44	\$	\$
H84	TEMPORARY PIPE SLOPE DRAIN	L.F.	28	\$	\$

Schedule H – 88th Street NE – Work Within the Tribal Reservation Boundary Inside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 18: TRAFFIC					
H85	ROUNDAABOUT SPLITTER ISLAND NOSING CURB	EACH	2	\$	\$
H86	ROUNDAABOUT CEMENT CONCRETE CURB AND GUTTER	L.F.	838	\$	\$
H87	CEMENT CONC. TRAFFIC CURB AND GUTTER	L.F.	1,110	\$	\$
H88	CEMENT CONC. TRAFFIC CURB	L.F.	140	\$	\$
H89	ROUNDAABOUT CENTRAL ISLAND CEMENT CONCRETE CURB	L.F.	487	\$	\$
H90	ROUNDAABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	L.F.	792	\$	\$
H91	CEMENT CONC. PEDESTRIAN CURB	L.F.	168	\$	\$
H92	EXTRUDED CURB	L.F.	1,601	\$	\$
H93	TEMPORARY BARRIER	L.F.	4,614	\$	\$
H94	TEMPORARY IMPACT ATTENUATOR	EACH	4	\$	\$
H95	RESETTING IMPACT ATTENUATOR	EACH	4	\$	\$
H96	TEMPORARY PAVEMENT MARKING - SHORT DURATION	L.F.	36,030	\$	\$
H97	TEMPORARY MISC. PAVEMENT MARKING - SHORT DURATION	EACH	32	\$	\$
H98	TEMPORARY STOP LINE - SHORT DURATION	L.F.	374	\$	\$
H99	TEMPORARY CROSSWALK LINE - SHORT DURATION	S.F.	3,710	\$	\$
H100	BEAM GUARDRAIL TYPE 31	L.F.	260	\$	\$
H101	BEAM GUARDRAIL TRANSITION SECTION TYPE D	EACH	1	\$	\$
H102	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	EACH	2	\$	\$
H103	BEAM GUARDRAIL ANCHOR TYPE 11	EACH	1	\$	\$
H104	FLEXIBLE GUIDE POST	EACH	75	\$	\$
H105	BARRIER DELINEATOR	EACH	2	\$	\$
H106	PROFIED PLASTIC LINE	L.F.	5,420	\$	\$
H107	PROFIED PLASTIC WIDE LINE	L.F.	2,660	\$	\$
H108	PLASTIC CROSSWALK LINE	S.F.	272	\$	\$
H109	PLASTIC TRAFFIC ARROW	EACH	25	\$	\$
H110	PLASTIC DRAINAGE MARKING	EACH	19	\$	\$
H111	PERMANENT SIGNING	L.S.	1	\$	\$
H112	TEMPORARY ILLUMINATION SYSTEM , COMPLETE - WSDOT	L.S.	1	\$	\$
H113	TEMPORARY TRAFFIC SIGNAL SYSTEM, COMPLETE - WSDOT	L.S.	1	\$	\$
H114	ILLUMINATION SYSTEM, COMPLETE - TULALIP	L.S.	1	\$	\$
H115	ILLUMINATION SYSTEM, COMPLETE - WSDOT	L.S.	1	\$	\$

Schedule H – 88th Street NE – Work Within the Tribal Reservation Boundary Inside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
H116	TRAFFIC SIGNAL SYSTEM RRFBS, COMPLETE - WSDOT	L.S.	1	\$	\$
H117	ITS SYSTEM COMPLETE	L.S.	1	\$	\$
H118	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$	\$
SECTION 19: OTHER ITEMS					
H119	TYPE C PROGRESS SCHEDULE	L.S.	1	\$	\$
H120	STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	1,836	\$	\$
H121	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	7,895	\$	\$
H122	STRUCTURE SURVEYING	L.S.	1	\$	\$
H123	ROADWAY SURVEYING	L.S.	1	\$	\$
H124	LICENSED SURVEYING	EST.	1	\$ 5,000	\$ 5,000
H125	CEMENT CONC. SIDEWALK	S.Y.	800	\$	\$
H126	CEMENT CONC. CURB RAMP PARALLEL TYPE B	EACH	2	\$	\$
H127	CEMENT CONC. CURB RAMP PERPENDICULAR TYPE A	EACH	5	\$	\$
H128	DETECTABLE WARNING SURFACE	S.F.	20	\$	\$
H129	ROADSIDE CLEANUP	EST.	1	\$ 5,000	\$ 5,000
H130	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	1	\$ 6,250	\$ 6,250
H131	MINOR CHANGE	EST.	1	\$ 100,000	\$ 100,000
H132	RECORD DRAWINGS	L.S.	1	\$	\$
H133	SPCC PLAN	L.S.	1	\$	\$
H134	RESOLUTION OF UTILITY CONFLICTS	EST.	1	\$ 87,500	\$ 87,500
H135	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	580	\$	\$
H136	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	S.Y.	5,590	\$	\$
H137	CONSTRUCTION GEOTEXTILE FOR PERMANENT EROSION CONTROL	S.Y.	27	\$	\$
H138	INTERNAL ENERGY DISSIPATION DEVICE	EACH	1	\$	\$
H139	POND MARKER	EACH	3	\$	\$
	Subtotal:			\$	
	TERO (1.75%):			\$	
	TOTAL SCHEDULE H (Including TERO):			\$	

Schedule I – 88th Street NE – Work Within WSDOT Right-of-Way Outside the Tribal Reservation Boundary					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 1: PREPARATION					
I1	MOBILIZATION	L.S.	1	\$	\$
I2	CLEARING AND GRUBBING	ACRE	0.58	\$	\$
I3	REMOVING DRAINAGE STRUCTURE	EACH	1	\$	\$
I4	REMOVING GUARDRAIL	L.F.	1,076	\$	\$
I5	REMOVING GUARDRAIL ANCHOR	EACH	2	\$	\$
I6	REMOVING CHAIN LINK FENCE	L.F.	599	\$	\$
I7	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	\$	\$
SECTION 2: GRADING					
I8	ROADWAY EXCAVATION INCL. HAUL	C.Y.	2,070	\$	\$
I9	GRAVEL BORROW INCL. HAUL	TON	4,780	\$	\$
I10	EMBANKMENT COMPACTION	C.Y.	2,580	\$	\$
I11	DEWATERING	L.S.	1	\$	\$
SECTION 4: DRAINAGE					
I12	UNDERDRAIN PIPE 6 IN. DIAM.	L.F.	591	\$	\$
I13	DRAIN PIPE 6 IN. DIAM.	L.F.	12	\$	\$
I14	HIGH-DENSITY POLYETHYLENE (HDPE) PIPE 12 IN. DIAM.	L.F.	251	\$	\$
SECTION 5: STORM SEWER					
I15	CATCH BASIN TYPE 1	EACH	8	\$	\$
I16	CATCH BASIN TYPE 2 48 IN. DIAM.	EACH	3	\$	\$
I17	CATCH BASIN TYPE 2 48 IN. DIAM. - EXTRA DEPTH	EACH	2	\$	\$
I18	TESTING STORM SEWER PIPE	L.F.	738	\$	\$
I19	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	L.F.	368	\$	\$
I20	SCHEDULE B STORM SEWER PIPE 12 IN. DIAM.	L.F.	119	\$	\$
SECTION 8: STRUCTURES					
I21	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	1,420	\$	\$
I22	SHORING OR EXTRA EXCAVATION CL. A	L.S.	1	\$	\$
I23	BRIDGE RAILING TYPE BP-22	L.F.	271	\$	\$
I24	SEW TRAFFIC BARRIER	L.F.	100	\$	\$
I25	PEDESTRIAN BARRIER	L.F.	757	\$	\$
I26	STRUCTURAL EARTH WALL	S.F.	5,089	\$	\$
SECTION 9: SURFACING					
I27	CRUSHED SURFACING BASE COURSE	TON	1,507	\$	\$
SECTION 13: CEMENT CONCRETE PAVEMENT					
I28	TEXTURED COMMERCIAL CONC. FOR BUFFER	S.Y.	262	\$	\$

Schedule I – 88th Street NE – Work Within WSDOT Right-of-Way Outside the Tribal Reservation Boundary					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
I29	TEXTURED COMMERCIAL CONC. FOR SPLITTER ISLAND	S.Y.	348	\$	\$
SECTION 14: HOT MIX ASPHALT					
I30	HMA CL. 1/2 IN. PG 58H-22	TON	1,400	\$	\$
I31	JOB MIX COMPLIANCE PRICE ADJUSTMENT	CALC	1	\$ 5,040.50	\$ 5,040.50
I32	COMPACTION PRICE ADJUSTMENT	CALC	1	\$ 3,360.33	\$ 3,360.33
I33	ASPHALT COST PRICE ADJUSTMENT	CALC	1	\$ 6,383.80	\$ 6,383.80
SECTION 16: IRRIGATION AND WATER DISTRIBUTION					
I34	PERMANENT IRRIGATION SYSTEM	L.S.	1	\$	\$
SECTION 17: EROSION CONTROL AND ROADSIDE RESTORATION					
I35	ESC LEAD	DAY	50	\$	\$
I36	TOPSOIL TYPE A	CY	94	\$	\$
I37	SEEDING, FERTILIZING, AND MULCHING	ACRE	0.21	\$	\$
I38	STREET CLEANING	HR	50	\$	\$
I39	INLET PROTECTION	EACH	11	\$	\$
I40	EROSION/WATER POLLUTION CONTROL	EST.	1	\$ 22,500	\$ 22,500
I41	SOIL AMENDMENT	ACRE	0.21	\$	\$
I42	PSIPE, SPIRE CHERRY, 2" CAL.	EACH	3	\$	\$
I43	PSIPE, DOUGLAS FIR, 6' TALL	EACH	3	\$	\$
I44	PSIPE, STARLIGHT DOGWOOD, 2" CAL.	EACH	3	\$	\$
I45	PSIPE, KINNIKINNICK, #1 CONT.	EACH	42	\$	\$
I46	PSIPE, SWORD FERN, #1 CONT.	EACH	24	\$	\$
I47	PSIPE, RUGOSA ROSE, #2 CONT.	EACH	43	\$	\$
I48	PSIPE, JAPANESE PIERIS, #2 CONT.	EACH	45	\$	\$
I49	PSIPE, BOSTON IVY, #1 CONT.	EACH	31	\$	\$
I50	BARK OR WOOD CHIP MULCH	C.Y.	24	\$	\$
I51	ENVIRONMENTAL COMPLIANCE LEAD	L.S.	1	\$	\$
I52	PLANT ESTABLISHMENT - SECOND YEAR	EST.	1	\$ 4,000	\$ 4,000
I53	PLANT ESTABLISHMENT - THIRD YEAR	EST.	1	\$ 3,000	\$ 3,000
SECTION 18: TRAFFIC					
I54	ROUNDAABOUT SPLITTER ISLAND NOSING CURB	EACH	1	\$	\$
I55	ROUNDAABOUT CEMENT CONCRETE CURB AND GUTTER	L.F.	780	\$	\$
I56	CEMENT CONC. TRAFFIC CURB AND GUTTER	L.F.	532	\$	\$
I57	CEMENT CONC. TRAFFIC CURB	L.F.	19	\$	\$

Schedule I – 88th Street NE – Work Within WSDOT Right-of-Way Outside the Tribal Reservation Boundary					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
I58	ROUNDAABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	L.F.	70	\$	\$
I59	CEMENT CONC. PEDESTRIAN CURB	L.F.	121	\$	\$
I60	TEMPORARY BARRIER	L.F.	200	\$	\$
I61	TEMPORARY IMPACT ATTENUATOR	EACH	1	\$	\$
I62	RESETTING IMPACT ATTENUATOR	EACH	1	\$	\$
I63	TEMPORARY PAVEMENT MARKING - SHORT DURATION	L.F.	1,450	\$	\$
I64	TEMPORARY MISC. PAVEMENT MARKING - SHORT DURATION	EACH	2	\$	\$
I65	TEMPORARY STOP LINE - SHORT DURATION	L.F.	25	\$	\$
I66	BARRIER DELINEATOR	EACH	4	\$	\$
I67	PROFIED PLASTIC LINE	L.F.	940	\$	\$
I68	PROFIED PLASTIC WIDE LINE	L.F.	871	\$	\$
I69	PLASTIC CROSSWALK LINE	S.F.	224	\$	\$
I70	PLASTIC TRAFFIC ARROW	EACH	9	\$	\$
I71	PERMANENT SIGNING	L.S.	1	\$	\$
I72	TEMPORARY ILLUMINATION SYSTEM , COMPLETE - WSDOT	L.S.	1	\$	\$
I73	TEMPORARY TRAFFIC SIGNAL SYSTEM, COMPLETE - WSDOT	L.S.	1	\$	\$
I74	ILLUMINATION SYSTEM, COMPLETE - TULALIP	L.S.	1	\$	\$
I75	ILLUMINATION SYSTEM, COMPLETE - WSDOT	L.S.	1	\$	\$
I76	TRAFFIC SIGNAL SYSTEM RRFBS, COMPLETE - WSDOT	L.S.	1	\$	\$
I77	ITS SYSTEM COMPLETE	L.S.	1	\$	\$
I78	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$	\$
SECTION 19: OTHER ITEMS					
I79	TYPE C PROGRESS SCHEDULE	L.S.	1	\$	\$
I80	STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	500	\$	\$
I81	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	2,822	\$	\$
I82	STRUCTURE SURVEYING	L.S.	1	\$	\$
I83	ROADWAY SURVEYING	L.S.	1	\$	\$
I84	LICENSED SURVEYING	EST.	1	\$ 5,000	\$ 5,000
I85	CEMENT CONC. SIDEWALK	S.Y.	323	\$	\$
I86	CEMENT CONC. CURB RAMP PARALLEL TYPE A	EACH	2	\$	\$
I87	CEMENT CONC. CURB RAMP PERPENDICULAR TYPE A	EACH	1	\$	\$
I88	DETECTABLE WARNING SURFACE	S.F.	40	\$	\$

Schedule I – 88th Street NE – Work Within WSDOT Right-of-Way Outside the Tribal Reservation Boundary					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
I89	CONNECTION TO DRAINAGE STRUCTURE	EACH	1	\$	\$
I90	ROADSIDE CLEANUP	EST.	1	\$ 5,000	\$ 5,000
I91	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	1	\$ 6,250	\$ 6,250
I92	MINOR CHANGE	EST.	1	\$ 100,000	\$ 100,000
I93	RECORD DRAWINGS	L.S.	1	\$	\$
I94	SPCC PLAN	L.S.	1	\$	\$
I95	RESOLUTION OF UTILITY CONFLICTS	EST.	1	\$ 35,000	\$ 35,000
I96	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	2,899	\$	\$
I97	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	S.Y.	2,710	\$	\$
	Subtotal:			\$	
	TERO (1.75%):			\$	
	TOTAL SCHEDULE I (Including TERO):			\$	

Schedule J – 88th Street NE – Work Within the City of Marysville Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
SECTION 1: PREPARATION					
J1	MOBILIZATION	L.S.	1	\$	\$
J2	CLEARING AND GRUBBING	ACRE	0.38	\$	\$
J3	REMOVING DRAINAGE STRUCTURE	EACH	14	\$	\$
J4	REMOVING ASPHALT CONC. PAVEMENT	S.Y.	177	\$	\$
J5	REMOVING GUARDRAIL ANCHOR	EACH	1	\$	\$
J6	REMOVING CHAIN LINK FENCE	L.F.	57	\$	\$
J7	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	\$	\$
SECTION 2: GRADING					
J8	ROADWAY EXCAVATION INCL. HAUL	C.Y.	2,000	\$	\$
J9	DEWATERING	L.S.	1	\$	\$
SECTION 4: DRAINAGE					
J10	CEMENT CONC. GUTTER	L.F.	84	\$	\$
J11	UNDERDRAIN PIPE 6 IN. DIAM.	L.F.	570	\$	\$
J12	DRAIN PIPE 6 IN. DIAM.	L.F.	49	\$	\$
J13	HIGH-DENSITY POLYETHYLENE (HDPE) PIPE 12 IN. DIAM.	L.F.	735	\$	\$
SECTION 5: STORM SEWER					
J14	CATCH BASIN TYPE 1	EACH	17	\$	\$
J15	CATCH BASIN TYPE 2 48 IN. DIAM.	EACH	3	\$	\$
J16	TESTING STORM SEWER PIPE	L.F.	1,274	\$	\$
J17	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	L.F.	514	\$	\$
J18	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	L.F.	25	\$	\$
J19	INFILTRATION VAULT (B)	EACH	1	\$	\$
J20	STORMWATER TREATMENT VAULT OPTION 1 - LARGE	EACH	1	\$	\$
J21	STORMWATER TREATMENT VAULT OPTION 2 - STANDARD	EACH	1	\$	\$
J22	MANHOLE 48 IN. DIAM. TYPE I	EACH	1	\$	\$
SECTION 6: SANITARY SEWER					
J23	ADJUST MANHOLE	EACH	8	\$	\$
SECTION 8: STRUCTURES					
J24	STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	842	\$	\$
J25	SHAFT - 30 IN. DIAMETER	L.F.	740	\$	\$
J26	SHAFT - 36 IN. DIAMETER	L.F.	1,612	\$	\$
J27	FURNISHING SOLDIER PILE HP14X117	L.F.	767	\$	\$

Schedule J – 88th Street NE – Work Within the City of Marysville Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
J28	FURNISHING SOLDIER PILE W24x192	L.F.	2,040	\$	\$
J29	FURNISHING SOLDIER PILE W24x335	L.F.	0	\$	\$
J30	REMOVING SOLDIER PILE SHAFT OBSTRUCTION	EST.	1	\$ 63,600	\$ 63,600
J31	STRUCTURAL CARBON STEEL	L.S.	1	\$	\$
J32	LAGGING	S.F.	4,088	\$	\$
J33	BRIDGE RAILING TYPE BP-22	L.F.	378	\$	\$
J34	BRIDGE RAILING TYPE CHAIN LINK PIPE RAIL	L.F.	84	\$	\$
J35	PEDESTRIAN BARRIER	L.F.	143	\$	\$
J36	CONCRETE FASCIA PANEL	S.F.	4,490	\$	\$
J37	PREFABRICATED DRAINAGE MAT	S.Y.	271	\$	\$
J38	STRUCTURAL EARTH WALL	S.F.	1,115	\$	\$
J39	TEXTURED CEMENT CONC. CLASS 4000 FOR TRUCK APRON	S.Y.	47	\$	\$
J40	MOMENT SLAB PEDESTRIAN BARRIER	L.F.	318	\$	\$
SECTION 9: SURFACING					
J41	CRUSHED SURFACING BASE COURSE	TON	2,634	\$	\$
SECTION 13: CEMENT CONCRETE PAVEMENT					
J42	TEXTURED COMMERCIAL CONC. FOR BUFFER	S.Y.	37	\$	\$
J43	TEXTURED COMMERCIAL CONC. FOR SPLITTER ISLAND	S.Y.	274	\$	\$
SECTION 14: HOT MIX ASPHALT					
J44	PLANING BITUMINOUS PAVEMENT	S.Y.	380	\$	\$
J45	HMA CL. 1/2 IN. PG 58H-22	TON	2,410	\$	\$
J46	JOB MIX COMPLIANCE PRICE ADJUSTMENT	CALC	1	\$ 8,677	\$ 8,677
J47	COMPACTION PRICE ADJUSTMENT	CALC	1	\$ 5,785	\$ 5,785
J48	ASPHALT COST PRICE ADJUSTMENT	CALC	1	\$ 10,990	\$ 10,990
SECTION 16: IRRIGATION AND WATER DISTRIBUTION					
J49	PERMANENT IRRIGATION SYSTEM	L.S.	1	\$	\$
SECTION 17: EROSION CONTROL AND ROADSIDE RESTORATION					
J50	SILT FENCE	L.F.	961	\$	\$
J51	ESC LEAD	DAY	20	\$	\$
J52	TOPSOIL TYPE A	CY	228	\$	\$
J53	STREET CLEANING	HR	100	\$	\$
J54	INLET PROTECTION	EACH	47	\$	\$
J55	EROSION/WATER POLLUTION CONTROL	EST.	1	\$ 22,500	\$ 22,500
J56	PSIPE, MOUNT VERNON LAUREL, #2 CONT.	EACH	204	\$	\$

Schedule J – 88th Street NE – Work Within the City of Marysville Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
J57	PSIPE, JAPANESE PIERIS, #2 CONT.	EACH	109	\$	\$
J58	PSIPE, LITTLE PRINCESS SPIREA, #2 CONT.	EACH	12	\$	\$
J59	SEEDED LAWN INSTALLATION	S.Y.	525	\$	\$
J60	BARK OR WOOD CHIP MULCH	C.Y.	35	\$	\$
J61	ENVIRONMENTAL COMPLIANCE LEAD	L.S.	1	\$	\$
J62	PLANT ESTABLISHMENT - SECOND YEAR	EST.	1	\$ 13,000	\$ 13,000
J63	PLANT ESTABLISHMENT - THIRD YEAR	EST.	1	\$ 9,000	\$ 9,000
SECTION 18: TRAFFIC					
J64	ROUNDAABOUT SPLITTER ISLAND NOSING CURB	EACH	3	\$	\$
J65	ROUNDAABOUT CEMENT CONCRETE CURB AND GUTTER	L.F.	52	\$	\$
J66	CEMENT CONC. TRAFFIC CURB AND GUTTER	L.F.	1,211	\$	\$
J67	CEMENT CONC. TRAFFIC CURB	L.F.	727	\$	\$
J68	ROUNDAABOUT CENTRAL ISLAND CEMENT CONCRETE CURB	L.F.	198	\$	\$
J69	ROUNDAABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	L.F.	251	\$	\$
J70	CEMENT CONC. PEDESTRIAN CURB	L.F.	258	\$	\$
J71	EXTRUDED CURB	L.F.	221	\$	\$
J72	PRECAST DUAL FACED SLOPED MOUNTABLE CURB	L.F.	166	\$	\$
J73	TEMPORARY PAVEMENT MARKING - SHORT DURATION	L.F.	8,530	\$	\$
J74	TEMPORARY MISC. PAVEMENT MARKING - SHORT DURATION	EACH	13	\$	\$
J75	TEMPORARY STOP LINE - SHORT DURATION	L.F.	71	\$	\$
J76	TEMPORARY CROSSWALK LINE - SHORT DURATION	S.F.	1,520	\$	\$
J77	PROFIED PLASTIC LINE	L.F.	2,180	\$	\$
J78	PROFIED PLASTIC WIDE LINE	L.F.	1,250	\$	\$
J79	PLASTIC CROSSWALK LINE	S.F.	352	\$	\$
J80	PLASTIC TRAFFIC ARROW	EACH	9	\$	\$
J81	PLASTIC YIELD LINE SYMBOL	EACH	30	\$	\$
J82	PERMANENT SIGNING	L.S.	1	\$	\$
J83	TEMPORARY ILLUMINATION SYSTEM , COMPLETE - MARYSVILLE	L.S.	1	\$	\$
J84	TEMPORARY TRAFFIC SIGNAL SYSTEM, COMPLETE - MARYSVILLE	L.S.	1	\$	\$

Schedule J – 88th Street NE – Work Within the City of Marysville Outside WSDOT Right-of-Way					
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE DOLLAR CENTS	AMOUNT DOLLAR CENTS
J85	ILLUMINATION SYSTEM, COMPLETE - MARYSVILLE	L.S.	1	\$	\$
J86	TRAFFIC SIGNAL SYSTEM RRFBS, COMPLETE - MARYSVILLE	L.S.	1	\$	\$
J87	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$	\$
SECTION 19: OTHER ITEMS					
J88	ADJUST CATCH BASIN	EACH	2	\$	\$
J89	TYPE C PROGRESS SCHEDULE	L.S.	1	\$	\$
J90	STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	451	\$	\$
J91	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	728	\$	\$
J92	PLUGGING EXISTING PIPE	EACH	1	\$	\$
J93	STRUCTURE SURVEYING	L.S.	1	\$	\$
J94	ROADWAY SURVEYING	L.S.	1	\$	\$
J95	CEMENT CONC. SIDEWALK	S.Y.	632	\$	\$
J96	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1	S.Y.	84	\$	\$
J97	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 2	S.Y.	34	\$	\$
J98	CEMENT CONC. CURB RAMP PARALLEL TYPE A	EACH	7	\$	\$
J99	DETECTABLE WARNING SURFACE	S.F.	140	\$	\$
J100	CONNECTION TO DRAINAGE STRUCTURE	EACH	8	\$	\$
J101	ROADSIDE CLEANUP	EST.	1	\$ 3,000	\$ 3,000
J102	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	1	\$ 3,750	\$ 3,750
J103	MINOR CHANGE	EST.	1	\$ 80,000	\$ 80,000
J104	RECORD DRAWINGS	L.S.	1	\$	\$
J105	SPCC PLAN	L.S.	1	\$	\$
J106	RESOLUTION OF UTILITY CONFLICTS	EST.	1	\$ 35,000	\$ 35,000
J107	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	C.Y.	330	\$	\$
J108	PEDESTRIAN HANDRAIL	L.F.	214	\$	\$
J109	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	S.Y.	4,010	\$	\$
	Subtotal:			\$	
	TERO (1.75%):			\$	
	TOTAL SCHEDULE J (Including TERO):			\$	



**STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY**

PO Box 47600, Olympia, WA 98504-7600 • 360-407-6000

July 31, 2026

Christina Parker
Tulalip Tribe
6406 Marine Dr
Tulalip, WA 98271
Sent by email only: christinaparker@tulaliptribes-nsn.gov

RE: Coverage under the Construction Stormwater General Permit (CSWGP)

Permit number: WAR315710
Site Name: I-5 4th Street and 88th Street NE Corridor Improvements Project
Location: 4th Street and 88th Street NE
Marysville County: Snohomish
Disturbed Acres: 5.24

Dear Christina Parker:

The Washington State Department of Ecology (Ecology) received your Notice of Intent for coverage under Ecology's Construction Stormwater General Permit (CSWGP). This is your permit coverage letter. Your permit coverage is effective July 31, 2026.

Retain this letter as an official record of permit coverage for your site. You may keep your records in electronic format if you can easily access them from your construction site. You can get the CSWGP, permit forms, and other information at Ecology's [CSWGP eCoverage Packet webpage](http://www.ecology.wa.gov/eCoverage-packet)¹. Contact your Permit Administrator, listed below, if you want a copy of the CSWGP mailed to you. Please read the permit and contact Ecology if you have any questions.

¹ <http://www.ecology.wa.gov/eCoverage-packet>

Additional Monitoring

Your site discharges to an impaired waterbody and is subject to an effluent limit as described in permit condition S8 of the Construction Stormwater General Permit. In addition to the monitoring required by permit condition S4 you must monitor for the parameters listed in the table below and the following effluent limits apply:

Parameter	Units	Analytical Method	Sampling Frequency	Effluent Limit
Turbidity	NTU	SM2130 or EPA180.1	Weekly, if discharging	25 NTU

Electronic Discharge Monitoring Reports (WQWebDMR)

This permit requires you to submit monthly discharge monitoring reports (DMRs) for the full duration of permit coverage (from the first full month of coverage to termination). Your first sampling and reporting period will be for the month of **August 2026** and your first DMR must be submitted by **September 15, 2026**.

You must submit your DMRs electronically using Ecology's secure online system, WQWebDMR. To sign up for WQWebDMR go to Ecology's [WQWebPortal guidance webpage](#)². If you have questions, contact the portal staff at (360) 407-7097 (Olympia area), or (800) 633-6193/Option 3, or email WQWebPortal@ecy.wa.gov.

Appeal Process

You have a right to appeal coverage under the general permit to the Pollution Control Hearing Board (PCHB). Appeals must be filed within 30 days of the date of receipt of this letter. Any appeal is limited to the general permit's applicability or non-applicability to a specific discharger. The appeal process is governed by chapter 43.21B RCW and chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2). For more information regarding your right to appeal, please reference Ecology's Focus Sheet: [Appeal of General Permit Coverage](#)³.

Annual Permit Fees

RCW 90.48.465 requires Ecology to recover the costs of managing the permit program. Permit fees are invoiced annually until the permit is terminated. Termination conditions are described in the permit. For permit fee related questions, please contact the Water Quality Fee Unit at wqfeeunit@ecy.wa.gov or (800) 633-6193, Option 2. You can also visit [Water Quality Permit Fees Webpage](#)⁴ for more information.

Ecology Field Inspector Assistance

If you have questions regarding stormwater management at your construction site, please contact your Regional Inspector, Maria Zeman of Ecology's Northwest Regional Office in Shoreline at maria.zeman@ecy.wa.gov, or (425) 240-0409.

² <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Water-quality-permits-guidance/WQWebPortal-guidance>

³ <https://apps.ecology.wa.gov/publications/summarypages/1710007.html>

⁴ <https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-quality-permits/Fees>

Christina Parker

July 31, 2026

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Questions or Additional Information

Ecology is here to help. Please review our [Construction Stormwater General Permit webpage](#)⁵ for more information. If you have questions about the Construction Stormwater General Permit, please contact your Permit Administrator, Collin Smith at collin.smith@ecy.wa.gov or (564) 669-9604.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Killelea". The signature is fluid and cursive, with the first name "Jeff" and last name "Killelea" clearly distinguishable.

Jeff Killelea, Manager
Permit and Technical Services Section
Water Quality Program

⁵ www.ecology.wa.gov/constructionstormwaterpermit



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Region Office
PO Box 330316, Shoreline, WA 98133-9716 • 206-594-0000

July 27, 2026

Christina Parker
Tulalip Tribe
6406 Marine Dr
Tulalip, WA 98271-9775

Re: Administrative Order

Administrative Order Docket #24999

Site Location	I-5/4th Street and 88th Street NE Corridor Improvements Project Portion of the project off Tulalip Tribal lands, in Marysville, WA 98271. The two interchanges that intersect with I-5 are those at 4 th Street (State Route 528) and 88th Street NE.
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Dear Christina Parker:

The Department of Ecology (Ecology) is issuing the enclosed Administrative Order (Order) requiring the Tulalip Tribe to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) - State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) - Water Quality Standards for Surface Waters of the State of Washington.
- Construction Stormwater General Permit WAR315710: National Pollutant Discharge Elimination System (NPDES) and State Waste Discharge General Permit for Stormwater Discharges Associated with Construction Activity.

If you have questions, please contact Maria Zeman at Maria.Zeman@ecy.wa.gov or 425-240-0409.

Sincerely,

Rachel McCrea
Water Quality Section Manager
Northwest Region Office

Christina Parker / Tulalip Tribe
Page 2

Enclosure: Administrative Order Docket #24999

By Certified Mail #9171 9690 0935 0214 2453 79

cc: PARIS Permit No. WAR315710

State of Washington
Department of Ecology

In the Matter of an Administrative Order Against
The Tulalip Tribe
Administrative Order Docket #24999

To: Christina Parker
Tulalip Tribe
6406 Marine Dr
Tulalip, WA 98271-9775

Administrative Order Docket #24999	
Site Location	I-5/4th Street and 88th Street NE Corridor Improvements Project Portion of the project off Tulalip Tribal lands, in Marysville, WA 98271. The two interchanges that intersect with I-5 are those at 4 th Street (State Route 528) and 88th Street NE.

The Department of Ecology (Ecology) has issued this Administrative Order (Order) requiring the Tulalip Tribe to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) - State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) - Water Quality Standards for Surface Waters of the State of Washington.
- Construction Stormwater General Permit WAR315710: National Pollutant Discharge Elimination System (NPDES) and State Waste Discharge General Permit for Stormwater Discharges Associated with Construction Activity.

This is an Administrative Order in accordance with General Condition G12 (Additional Monitoring) as set forth in the Construction Stormwater General Permit. Chapter 90.48.120(2) RCW authorizes Ecology to issue Administrative Orders to accomplish the purposes of Chapter 90.48 RCW. All requirements described below are in addition to the requirements in the Construction Stormwater General Permit.

1. Order to Comply

The Tulalip Tribe is subject to coverage under NPDES Construction Stormwater General Permit (CSGP) WAR315710 for construction activities associated with the construction site known as I-5/4th Street and 88th Street NE Corridor Improvements Project (portion of the project off Tulalip Tribal lands, in Marysville, WA 98271. The two interchanges that intersect with I-5 are at 4th Street (also known as State Route 528) and 88th Street NE.). The project consists of 2 disturbed acres. The proposed project

comprises of replacing the existing I-5 and 4th Street interchanges with a roundabout system; adding sidewalk systems; realigning the connecting roads, on-ramps, and off-ramps; and improvement of the associated drainage and stormwater networks.

The receiving waterbody following treatment is Ebey Slough. Ecology was notified of the presence of onsite groundwater and/or soil contamination, which has the potential to discharge in stormwater and dewatering water due to the proposed construction activity. The Construction Stormwater General Permit does not have water quality sampling or benchmarks for the known contaminants of concern, listed in Table 1, below. However, the permit requires compliance with the Water Quality Standards for Surface Waters of the State of Washington (Water Quality Standards – 173-201A WAC) and prohibits any discharges of pollutants.

The Order establishes Indicator Levels for the I-5/4th Street and 88th Street NE Corridor Improvements Project. Indicator Levels express a pollutant concentration used as a threshold, below which a pollutant is considered unlikely to cause a water quality violation, and above which it may. Indicator Levels in this Administrative Order were derived from Chapter 173-201A WAC and the analytical method's minimum quantitation level.

For these reasons and in accordance with RCW 90.48.120(2) it is ordered that the Tulalip Tribe take the following actions. These actions are required at the location known as I-5/4th Street and 88th Street NE Corridor Improvements Project, (near the Arco stations along 4th Street east of I-5, and any other project areas where contaminated stormwater or contaminated dewatering water might occur), located at Portion of the project off Tulalip Tribal lands, in Marysville, WA 98271. The two interchanges that intersect with I-5 are those at 4th Street (SR 528) and 88th Street NE. In the event of a permit transfer to another Permittee, compliance with this Administrative Order and the actions listed below are required.

The Tulalip Tribe must take the following actions to remain in compliance with NPDES Permit WAR315710:

A. Treatment Required:

1. A site must capture and contain all potentially contaminated stormwater or dewatering water on site, including preventing discharges at a site entrance (track-out).
2. Treat all contaminated dewatering water or contaminated construction stormwater prior to discharge to the receiving waterbody.
3. Install all pre-treatment and treatment systems prior to any discharge of contaminated dewatering water or contaminated construction stormwater to the receiving waterbody.

4. Use an Ecology-approved treatment system and media filtration to treat any contaminated dewatering water or contaminated construction stormwater. Ecology must be notified in advance if any changes in the treatment are made, with the exception of routine maintenance. If the treatment system includes chemicals, submit for approval a [“Request for Chemical Treatment” form](#)¹ prior to use.
5. All captured sediment from the treatment of the contaminated dewatering water or contaminated construction stormwater must be transported to an approved disposal facility based on the level of contamination.
6. Contaminated soils excavated during construction will be immediately hauled offsite without stockpiling to an approved disposal facility based on the level of contamination. When it is not feasible to immediately haul soils offsite, the soil must be placed in a covered area to minimize contact with stormwater.

B. Batch Treatment:

The treatment system must have enough capacity to hold treated contaminated dewatering water or contaminated construction stormwater until the batch has been tested to determine if any of the Indicator Levels listed in Table 1 have been met. No contaminated dewatering water or contaminated construction stormwater may be discharged before it has been tested for the parameters listed in Table 1. If any of the Indicator Levels listed in Table 1 are exceeded, the treated contaminated dewatering water or contaminated construction stormwater must not be discharged to the receiving waterbody until it has been retested to determine that all parameters are equal to or below the Indicator Levels in Table 1. If any of the Indicator Levels are exceeded after being retested, the Tulalip Tribe must modify the existing treatment to increase effectiveness, install an additional Ecology-approved treatment system, or truck the contaminated construction stormwater or groundwater off-site for disposal in an approved manner. The Tulalip Tribe may also discharge to sanitary sewer with the approval of the proper sewer authority.

C. Treatment System Flow-Through Approval:

The Tulalip Tribe must submit a minimum of two distinct sampling and testing events laboratory reports to Ecology (see contact information below) including all pollutants listed in Table 1. No flow-through treatment may be used without prior written approval from Ecology. Upon approval, the flow-through treatment system must be accompanied by weekly testing. The flow-through treatment system design and batch sampling results must be submitted to Ecology for review prior to use as flow-through, and Ecology reserves the right to require additional sampling or system modifications at any time and may reject submitted data if found unsatisfactory.

¹ <https://apps.ecology.wa.gov/publications/SummaryPages/ecy070258.html>

1. If a flow-through treatment system is adopted, all contaminated dewatering water or contaminated construction stormwater must be sampled weekly while discharging and tested for the parameters listed in Table 1.
2. When using a flow-through treatment system, if any of the Indicator Levels listed in Table 1 are exceeded, the Tulalip Tribe must stop the discharge of treated contaminated dewatering water or contaminated construction stormwater to the receiving waterbody until it has been retested to determine that all parameters are equal to or below the Indicator Levels in Table 1. If any of the Indicator Levels are exceeded after being retested, the Tulalip Tribe must modify the existing flow-through treatment system to increase its effectiveness, install an additional Ecology-approved treatment system, or truck the contaminated construction stormwater or contaminated dewatering water off-site for disposal in an approved manner. The Tulalip Tribe may also discharge the treated water to sanitary sewer in accordance with the conditions of the discharge authorization from the proper sewer authority.

D. Sampling and Reporting:

1. Sampling for the contaminants listed in Table 1 must be reported on the required Discharge Monitoring Report (DMR) according to permit Special Condition (S5.B Discharge Monitoring Reports).
2. If sampling is conducted more frequently than required by this Order, the results of this monitoring must be included in the calculation and reporting of the data that is submitted in the DMR.
3. Any discharge to Waters of the State in exceedance of the contaminant Indicator Levels in Table 1 must be reported to the Department of Ecology according to permit Special Condition S5.F, Noncompliance Notification as follows:
 - a. Immediately notify Ecology of noncompliance by calling the regional 24-hour Environmental Report Tracking System (ERTS) phone number (206) 594-0000
 - b. Cease the discharge until Indicator Levels can be met.
 - c. Submit a detailed, written report to Ecology within five (5) days, unless requested earlier by Ecology. See permit Special Condition S5.F.3 for the full written report requirements.
 - d. For exceedances of the numeric benchmark or limit for pH, refer to Special Condition S4.D.4 of the CSGP.

4. All monitoring data must be prepared by a laboratory registered or accredited under the provisions of Accreditation of Environmental Laboratories, Chapter 137-50 WAC.
5. All sampling data must be reported monthly on DMRs electronically using Ecology's secure online system WQWebDMR, in accordance with permit Special Condition S5.B. If the measured concentration is below the detection level then the Tulalip Tribe must report single analytical values below detection as "less than the detection level (DL)" by entering "<" followed by the numeric value of the detection level (e.g. "<0.1"). All other values above DL must be reported as the numeric value.
6. Noncompliance with permit requirements or the provisions of this Order (such as exceedances of indicator levels) must be immediately reported to the Northwest Region Office of the Department of Ecology in accordance with permit Special Condition S5.F, Noncompliance Notification.
7. The Stormwater Pollution Prevention Plan (SWPPP) prepared for I-5/4th Street and 88th Street NE Corridor Improvements Project must be fully implemented and amended as needed for the duration of the project.

If a modification of the Order is desired, a written request must be submitted to Ecology and if approved, Ecology will issue an amendment to this Order.

Ecology retains the right to make modifications to this Order through supplemental Order, or amendment to this Order, if it appears necessary to further protect the public interest.

This Order does not exempt the Tulalip Tribe from any Construction Stormwater General Permit requirement. In the event of a permit transfer to another Permittee, this Order transfers to the new Permittee. This Order automatically terminates when NPDES Construction Stormwater General Permit WAR315710 is terminated.

Table 1. Marine Water Parameters

The Tulalip Tribe must use the specified analytical methods, detection limits (DLs) and quantitation levels (QLs) in the following table for monitoring unless the alternative method used produces measurable results in the sample and EPA has listed it as an EPA-approved method in 40 CFR Part 136. If the Tulalip Tribe uses an alternative method, not specified in the order and as allowed above, it must report the test method, DL, and QL on the discharge monitoring report.

Pollutant & CAS No. (if available)	Sampling Frequency*	Sample Type	Indicator Level, µg/L unless otherwise noted	Required Analytical Protocol	Detection Level ≤ value stated in µg/L, unless otherwise noted	Quantitation Level ≤ value stated in µg/L, unless otherwise noted
PETROLEUM HYDROCARBONS						
Diesel and Oil-Range Hydrocarbons (NWTPH-Dx) ^b	Batch/Weekly	Grab	250 ^a	NWTPH-Dx	250	250
Gasoline-Range Hydrocarbons (NWTPH-Gx) ^c	Batch/Weekly	Grab	250 ^a	NWTPH-Gx	250	250
METALS						
Lead, Total (7439-92-1)	Batch/Weekly	Grab	220.82 ^d	200.8	0.1	0.5
CONSTRUCTION STORMWATER GENERAL PERMIT BENCHMARKS						
Parameter	Sampling Frequency*	Sample Type	Benchmark	Analytical Method		
Turbidity	Batch/Weekly	Grab	25 NTU	SM2130 ^e		
pH	Batch/Weekly	Grab	6.5 - 8.5 SU	SM4500-H ⁺ B		
NOTES						
a	No applicable surface water criterion; value is laboratory quantitation level.					
b	NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile (“diesel”) for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils).					
c	NWTPH-Gx = Northwest Total Petroleum Hydrocarbons – Volatile petroleum products including aviation and automotive gasolines, mineral spirits, Stoddard solvent, and naphtha.					
d	Acute – Marine Water Toxic Substances Criteria (WAC 173-201A-240) calculated using conversion factors per Table 240.					
e	Or equivalent.					
*	If granted permission for flow-through, sampling will then be weekly.					

2. Failure to Comply With This Order

Failure to comply with this Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the terms of this Order.

3. Your Right to Appeal

You have a right to appeal this Order to the Pollution Control Hearings Board (PCHB) within thirty (30) days of the date of receipt of this Order. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal, you must do both of the following within thirty (30) days of receipt of this Order:

- File your appeal and a copy of this Order with the PCHB (see website address below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this Order on Ecology by mail, in person or by email (see addresses below).

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Filing with the PCHB

For the most current information regarding filing with the PCHB, visit:
<https://eluhho.wa.gov/> or call: 360-664-9160.

Service on Ecology

Street Address:

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

Mailing Address:

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

E-Mail Address:

ecologyappeals@ecy.wa.gov

4. Contact Information

Please direct all questions about this Administrative Order to:

Maria Zeman
Department of Ecology
Northwest Region Office
P.O. Box 330316
Shoreline, WA 98133-9716

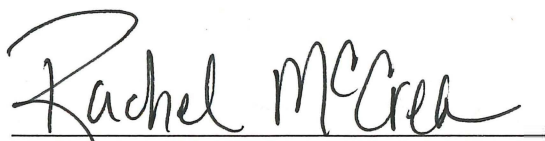
Phone: 425-240-0409

Email: Maria.Zeman@ecy.wa.gov

5. More Information

- [Pollution Control Hearings Board Website:](https://www.eluho.wa.gov)
<https://www.eluho.wa.gov>
- [Chapter 43.21B RCW – Environmental and Land Use Hearings Office – Pollution Control Hearings Board:](https://app.leg.wa.gov/RCW/default.aspx?cite=43.21B)
<https://app.leg.wa.gov/RCW/default.aspx?cite=43.21B>
- [Chapter 371-08 WAC – Practice and Procedure](https://app.leg.wa.gov/WAC/default.aspx?cite=371-08)
<https://app.leg.wa.gov/WAC/default.aspx?cite=371-08>
- [Chapter 34.05 RCW – Administrative Procedure Act](https://app.leg.wa.gov/RCW/default.aspx?cite=34.05)
<https://app.leg.wa.gov/RCW/default.aspx?cite=34.05>
- [Ecology's Laws, Rules, & Rulemaking Website](https://ecology.wa.gov/Footer/rulemaking)
<https://ecology.wa.gov/Footer/rulemaking>

6. Signature



Rachel McCrea
Water Quality Section Manager
Northwest Region Office

July 27, 2026
Date

I-5/4th Street and 88th Street NE Corridor Improvements Stormwater Pollution Prevention Plan

Prepared for
The Tulalip Tribes of Washington



June 2026

I-5/4th Street and 88th Street NE Corridor Improvements Stormwater Pollution Prevention Plan

Prepared for

The Tulalip Tribes of Washington
6046 Marine Drive
Tulalip, Washington 98271

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APPENDICES

- A Construction Stormwater General Permit & Documentation
- B Site Figures
- C TESC Narrative and Plans
- D Dewatering Plan (Provided by Contractor)
- E Inspection and Monitoring Form

Acronyms and Abbreviations

BMP	best management practice
CESCL	Certified Erosion and Sediment Control Lead
cm	centimeter(s)
CSWGP	Construction Stormwater General Permit
Discipline Report	Hazardous Materials Discipline Report
DMR	discharge monitoring report
Ecology	Washington State Department of Ecology
EPA	Environmental Protection Agency
HSG	hydrologic soil group
HSPF	Hydrologic Simulation Program – Fortran
Marysville	City of Marysville
MOC	Modification of Coverage
MP	milepost
NAVD88	North American Vertical Datum of 1988
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity units
ROW	right-of-way
SPCC	Spill Prevention, Control, and Countermeasure
SWMMWW	Stormwater Management Manual for Western Washington
SWPPP	Stormwater Pollution Prevention Plan
TDA	threshold discharge area
TESC	temporary erosion and sediment control
TOC	Transfer of Coverage
Tribes	The Tulalip Tribes
USDA NRCS	U.S. Department of Agriculture Natural Resources Conservation Service
USGS	U.S. Geological Survey
WRIA	Water Resource Inventory Area
WSDOT	Washington State Department of Transportation
WSS	Web Soil Survey

1. Introduction

This Stormwater Pollution Prevention Plan (SWPPP) has been prepared as part of the National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit (CSWGP) requirements for the I-5/4th and 88th Street NE Interchange Improvements project (project) in Marysville, Washington. This SWPPP has been developed in accordance with the requirements set forth in the CSWGP, issued in 2026 (Appendix A) and the Stormwater Management Manual for Western Washington (SWMMWW) (Ecology 2024).

The Tulalip Tribes (Tribes), in partnership with the Washington State Department of Transportation (WSDOT), Snohomish County, and the City of Marysville (Marysville), propose to develop and implement access improvements to two interchanges on the Interstate 5 (I-5) corridor. The project is located primarily within the boundary of the Tulalip Tribal lands in Snohomish County, Washington, with a portion crossing into Marysville. The two interchanges are at 4th Street (also known as State Route 528 and Marine Drive) and 88th Street NE. This documents breaks out each interchange into different portions of this project herein references as 4th Street and 88th Street NE.

Construction activities within the Tulalip Tribal lands are regulated by the U.S. Environmental Protection Agency (EPA) under the Construction General Permit (CGP) and are addressed under a separate SWPPP. This SWPPP covers the portions of the project located within Marysville, including the WSDOT limited-use right-of-way east of the I-5 corridor, which are subject to the requirements of the CSWGP. Project locations are shown in Appendix B.

In accordance with Section 4-1.2 of the WSDOT Temporary Erosion and Sediment Control (TESC) Manual, dated 2019, CSWGP coverage for this project will be transferred to the contractor upon bid award. A Transfer of Coverage (TOC) will be completed and submitted to the Washington State Department of Ecology (Ecology) in accordance with Special Condition S2.2 of the CSWGP.

1.1 SWPPP Contacts

The individuals responsible for implementing and overseeing the SWPPP are listed in Table 1-1, which identifies key SWPPP contacts.

Table 1-1. SWPPP Contact Information

Title	Name(s)	Telephone Number	Email
Certified Erosion and Sediment Control Lead	(TBD)		
Environmental Compliance Manager	(TBD)		
Project Manager	(TBD)		
Project Engineer	(TBD)		
Monitoring Personnel	(TBD)		

1.2 Organization

This SWPPP was prepared in accordance with Special Condition S9 of the CSWGP. The SWPPP is divided into eight main sections covering both project portions located within the Marysville jurisdictional boundary: 4th Street Corridor and 88th Street NE Corridor. The topics presented in each of the main sections of this SWPPP are as follows:

- Section 1 – Introduction. This section briefly describes the project and the organization of the SWPPP.
- Section 2 – Project Information. This section provides a detailed description of the existing site conditions and proposed construction activities.
- Section 3 – Construction Stormwater BMPs – 88th Street NE. This section provides a detailed description of the BMPs to be implemented based on the 13 required elements of the SWPPP in accordance with the CSWGP.
- Section 4 – Construction Phasing and BMP Implementation. This section describes the timing of the BMP implementation in relation to the project schedule.
- Section 5 – Spill Prevention, Control, and Countermeasure. This section contains information on the required Spill Prevention, Control, and Countermeasure (SPCC) Plan and identifies appropriate contacts (emergency and non-emergency), monitoring personnel, and the on-site TESC inspector.
- Section 6 – Site Inspections and Monitoring. This section describes the site inspections and water quality monitoring to be conducted.
- Section 7 – Reporting and Recordkeeping. This section outlines the reporting and recordkeeping requirements.
- Section 8 – References. This section lists the publications that are cited in this plan.

Table 1-2. SWPPP Map Contents and Requirements

Special Condition S9.E Map Contents and Requirements		Figure Number (Appendix B)
1.	The direction of north, property lines, and existing structures and roads	Figure 1, 3 and 7
2.	Cut and fill slopes indicating the top and bottom of slope catch lines	Figures 5 and 9
3.	Approximate slopes, contours, and direction of stormwater flow before and after major grading activities	Figures 3, 4, 7 and 8
4.	Areas of soil disturbance and areas that will not be disturbed	Figures 5 and 9
5.	Locations of structural and nonstructural controls (BMPs) identified in the SWPPP	Figures 5 and 9
6.	Locations of off-site material, stockpiles, waste storage, borrow areas, and vehicle/equipment storage areas	Provided by Contractor
7.	Locations of all surface water bodies, including wetlands	Figures 2 and 6
8.	Locations where stormwater or non-stormwater discharges off-site and/or to a surface waterbody, including wetlands	Figures 2 and 6
9.	Location of water quality sampling station(s) if sampling is required by state or local permitting authority	Figures 5 and 9
10.	Areas where final stabilization has been accomplished and no further construction-phase permit requirements apply	Figures 4 and 8
11.	Location or proposed location of LID facilities	Figures 4 and 8

2. Project Information

This section describes the existing project information and proposed construction activities for the project in accordance with Special Condition S9.B of the CSWGP.

2.1 4th Street Corridor

Table 2-1 provides a summary of site-specific characteristics and anticipated construction activities for I-5/4th Street interchange.

Table 2-1. 4th Street Corridor Existing Conditions Summary

Total project acreage	15.9 acres (does not include staging areas)
- Project Area – Marysville portion	4.71 acres
Total disturbed acreage	10.8 acres
- Disturbed acreage– Marysville portion	2.58 acres
- Disturbed area that is characterized as impervious (i.e., access roads, staging, parking) – Marysville portion	2.02 acres
Percent impervious area before construction	50%
Percent impervious area after construction	53%
Transfer of Coverage	CSWGP coverage will be transferred from respective jurisdiction to the contractor upon bid award
Anticipated construction schedule	2026–2028
Site activity summary	Activities include clearing and grubbing, grading, roadway embankment, constructing new ramps, constructing permanent stormwater BMPs, stormwater conveyance system, paving, culvert installation, illumination, and signalization
Existing structures	Existing roadway, ramps, ditches and conveyance elements and facilities
Landscape topography	Generally flat Portions with roadway grades and ditches with standard side slopes not exceeding 2:1
Drainage patterns	Enclosed drainage systems
Existing vegetation	Grass slopes Some hardier vegetation in intersection gore areas
Critical areas (wetlands, streams, high erosion risk, steep or difficult to stabilize slopes)	None
List of known impairments for 303(d) listed or TMDL for the receiving waterbody	Dissolved oxygen (Category 4A)
NPDES permit number	To be determined

Notes: BMP = best management practice; NPDES = National Pollutant Discharge Elimination System.

2.1.1 Proposed Construction Activities

The project will replace the existing I-5 and 4th Street interchanges with a roundabout system; add sidewalk systems; realign the connecting roads, on-ramps, and off-ramps; and improve the associated drainage and stormwater networks.

Construction activities include the following:

- Replacement of the signaled intersection of Marine Drive NE and 33rd Avenue NE with a new roundabout.
- Replacement of the signaled intersection of Marine Drive NE and the I-5 southbound on- and off-ramps with a new roundabout.
- Replacement of the signaled intersection of 4th Street and the northbound I-5 on- and off-ramps with a new roundabout.
- Improvement of the 4th Street and Beach Avenue intersection.
- Channelization improvements entering and exiting the roundabouts.
- Reconfigured pedestrian and bicycle access along the alignment.
- Relocation of existing utilities due to removal of signalized intersections.
- Modification of existing utilities where there are conflicts.
- Drainage and stormwater improvements.
 - Piped conveyance.
 - Ditch conveyance.
 - Stormwater management facilities for runoff treatment and flow control.

The construction activities associated within the Marysville city limits include grubbing; grading; placing fill material; installing new storm drain system with permanent treatment and infiltration BMPs, culverts, and ditches; retaining walls; landscaping; and paving. The purpose of this SWPPP is to describe the proposed construction activities, permanent erosion and sediment control measures, TESC measures, pollution prevention measures, and recordkeeping that will be implemented during the proposed construction project. Following are the objectives of the SWPPP:

1. Implement BMPs to prevent erosion and sedimentation, and to identify, reduce, eliminate, or prevent stormwater contamination and water pollution from construction activity.
2. Prevent violations of surface water quality, groundwater quality, or sediment management standards.
3. Prevent adverse water quality impacts during the construction phase, including impacts on beneficial uses of the receiving water by controlling peak flow rates and volumes of stormwater runoff at the Permittee's outfalls and downstream of the outfalls.

2.1.2 Existing Conditions

This section describes the existing and adjacent conditions for the 4th Street NE portion of the project area, including topography, soils, climate, drainage basins, existing drainage patterns, sensitive areas, vegetation, encumbrances, high-risk activities, and other relevant site features.

The project corridor spans the jurisdictional boundary between the Tulalip Tribal lands and Marysville. Separate SWPPPs have been prepared for each jurisdiction: an EPA CGP SWPPP for the tribal portion and this Ecology CSWGP SWPPP for the portions of the project located within Marysville and WSDOT right-of-way.

The project consists of improvements at the I-5 interchange with 4th Street/Marine Drive NE (State Route 528). Work will occur on the I-5 northbound and southbound entrance and exit ramps from MP 194.83 to MP 194.63, and along 4th Street NE from the intersection with 33rd Avenue NE on tribal land to the west through the intersection with 47th Avenue NE in Marysville, a distance of approximately 2,300 linear feet. The project corridor is located within Sections 28 and 29, Township 30 North, Range 5 East, Willamette Meridian. The approximate latitude/longitude coordinates of the northern and southern project limits are 48.051885° N / 122.189572° W and 48.050536° N / 122.184890° W, respectively. The approximate latitude/longitude coordinates of the western and eastern project limits are 48.051209° N / 122.190214° W and 48.050923° N / 122.183703° W, respectively.

Work will occur primarily within the I-5 and city street right-of-way; limited additional ROW acquisition may be required. Total site area is 15.9 acres, excluding staging areas. Staging areas will be located within existing disturbed sites unless otherwise approved.

The existing right-of-way is developed with pavement, landscaped areas, and roadside ditches. There are no drinking water wells or septic systems within the project limits. The project area lies within Water Resource Inventory Area (WRIA) 7, hydrologic unit 171100110202 (Ebey Slough), and drains to the Lower Snohomish River Estuary, which discharges to Ebey Slough of the Snohomish River. See Appendix B for a project vicinity map. Additional detail on site conditions is provided in the TESC Plan (Appendix C).

2.1.2.1 Soil

Soils within the 4th Street NE project area consist primarily of Ragnar fine sandy loam, classified as Hydrologic Soil Group A. These soils have high infiltration potential and are suitable for infiltration BMPs. No areas of highly erodible soils are mapped within the project limits. Seasonal high groundwater is shallower in some locations than at 88th Street NE, but infiltration BMP designs maintain more than 3 feet of separation from the water table.

Table 2-2 summarizes the soil infiltration rates and groundwater elevations from field testing and grain size analysis. These values are used for the design of stormwater facilities in the project area.

Table 2-2. Infiltration Design Criteria for Facilities

Facility Name	TDA	Design Infiltration Rate (inches per hour)	Groundwater Elevation (NAVD88)	Groundwater Depth (feet below ground surface)
Infiltration Trench (A)	2	10.0	13	10

Note: NAVD88 = North American Vertical Datum of 1988.

All infiltration rates and groundwater elevations shown in this table are from the HWA Geotechnical Report (HWA 2025).

2.1.2.2 Climate

The Marysville area is located in the Puget Sound basin and receives an average of approximately 40.25 inches of precipitation annually. Rain falls primarily during autumn and winter, then tapers off during spring and into the summer dry period, as shown in Table 2-3.

Table 2-3. Summary of Project Area Climate Data

Average Monthly Values				
Month	Maximum Temperature (°F)	Minimum Temperature (°F)	Total Precipitation (inches)	Total Snow Fall (inches)
January	47.9	34.6	5.04	1.5
February	50.4	34.5	3.7	0.5
March	54.5	37.2	4.11	0.1
April	59.6	41.4	3.4	0
May	65.8	47	2.7	0
June	69.8	51.8	2.3	0
July	74.8	55.3	1.04	0
August	75.7	55.2	1.15	0
September	70.4	49.6	2.34	0
October	60.7	43.3	3.7	0
November	52.4	37.6	5.82	0
December	46.7	34.1	4.95	1.0
Annual	60.7	43.5	40.25	4.6

From National Oceanic and Atmospheric Administration (<https://www.weather.gov/wrh/climate?wfo=sew>) for period of record from 1991 to 2020. Values were taken from the Everett Station.

Because construction is scheduled for a 35-month duration, there is potential for rain, high winds, snow, freezing temperatures, and rain-on-snow events. It is possible that the project will be required to stop work due to frozen conditions during the winter months. Runoff from rain-on-snow events can result in changes in drainage patterns and/or localized flooding.

Activities during the wet and dry seasons shall be contingent upon the construction schedule. Earthwork should be scheduled for the dry season, when possible, to limit the amount of exposed soils and minimize erosion and sedimentation risks. While inspections and maintenance of BMPs are conducted throughout the year, frequency of these activities is increased during the wet season. Maintenance will be performed as needed on the permanent drainage system and TESC BMPs to prevent clogging and decreases in performance.

2.1.2.3 Topography

The project area topography is generally flat to gently sloping, with most runoff flowing to roadside ditches, storm inlets, and vegetated swales. Steeper areas are limited to fill slopes adjacent to the highway, ramps, and bridge approaches. In these locations, runoff may form rivulets that can cause localized erosion. Where moderate or steep slopes are present, BMPs such as wattles will be used to reduce flow velocity and minimize erosion potential. Fill slopes within the project area do not exceed 2:1, and there are no known slope stability issues.

2.1.2.4 Groundwater

Monitoring wells within the 4th Street NE project area recorded seasonal high groundwater elevations up to approximately 20.0 ft NAVD88 (HWA 2025). Several proposed stormwater conveyance inverts are below this level, with some as low as ~13.9 ft NAVD88 (HWA 2025). Dewatering is anticipated in these low-lying reaches during trenching and structure installation. The contractor will be required to prepare a dewatering plan and implement BMPs for water treatment and discharge consistent with CSWGP conditions.

According to the Snohomish County Critical Aquifer Recharge Areas map (February 2016), no Sole Source Aquifers or Wellhead Protection Areas are located within the project limits. The U.S. Geological Survey aquifer sensitivity rating is “moderate.” Project design maintains existing recharge rates and uses pretreatment prior to infiltration to protect groundwater quality.

2.1.2.5 Sensitive Areas

Sensitive areas are present within the drainage paths of the 4th Street NE project area. TDA 1 discharges to a large wetland complex, and TDAs 3 and 4 discharge to Ebey Slough, part of the Snohomish River estuary. Ebey Slough is listed on Washington’s 303(d) list as a Category 4A water for dissolved oxygen. These sensitive areas are located outside the construction footprint of the Marysville portion of the project.

Work in the Marysville portion will not directly alter, fill, or disturb these features. Construction activities will be limited to upland areas within existing or expanded right-of-way. Appropriate BMPs, including high-visibility fencing and sediment controls, will be installed to protect sensitive areas from sedimentation or pollutant discharges.

Additional information on drainage patterns and TDA outfalls is provided in Section 2.1.2.7. Where TDAs discharge to impaired waters, BMP commitments and TMDL compliance measures are described in Section 2.1.3.1.

2.1.2.6 Vegetation

No overwater structures are located on this project. Roadway segments have limited vegetation, including grass and common landscape vegetation within highway gore areas.

2.1.2.7 Drainage and TDAs

Four TDAs occur within the overall 4th Street project limits, of these, two (TDAs 3 and 4) are located within the Marysville portion of the project limits and are described below and in Table 2-4. All four TDAs are discussed in the TESC Plan (Appendix C).

- **TDA 3** drains 4th Street at the I-5 interchange, including the on- and off-ramps. Runoff is conveyed south in pipes on either side of the I-5 corridor before they merge into one closed pipe system that discharges to Ebey Slough immediately west of I-5, near Log Dump Road/60th Place NE.
- **TDA 4** drains 4th Street east of the I-5 interchange. Runoff is conveyed via pipes to the site of the former Geddes Marina boat basin adjacent to Ebey Slough. The City of Marysville is developing a regional stormwater treatment facility on this site, which is projected to be completed before this project is built.

Table 2-4. TDAs in Marysville/Ecology CSWGP Coverage

TDA Number	Total Area (acres)	Receiving Water	Impairment Status
3	10.32	Ebey Slough	Impaired (Cat. 4A DO)
4	0.80	Ebey Slough	Impaired (Cat. 4A DO)

Table 2-4 includes only TDAs within Marysville/Ecology CSWGP coverage. TDAs within the Tulalip Tribal lands are covered under a separate EPA CGP SWPPP. See Section 2.1.3.1 for impairment descriptions and TMDL compliance measures.

2.1.2.8 Existing Encumbrances

Existing utilities will be protected or moved within the project limits. There are no known wells or drain fields located within or immediately adjacent to the project site.

Parametrix prepared a Hazardous Materials Discipline Report in February 2023 (Parametrix 2023) and identified no high-risk hazardous materials within 0.25 miles of the project area. Three medium-risk sites were identified. Two of them, within the Marysville jurisdiction, could have some potential for impacts on construction depending on the location of excavation associated with grading and utility placement. The two medium-risk sites within the Marysville jurisdiction identified in the Discipline Report include the following locations:

- ARCO 4390 – 1124 4th Street.
- Chevron 99609 – 1206 4th Street.

Based on the due diligence process, plans for mitigating, handling, and disposing contaminated media and hazardous construction debris would be developed on a site-by-site basis in conjunction with the appropriate regulatory agencies, if determined to be necessary. A project-wide contaminated media management plan should also be developed and implemented and would be expected to cover the majority of minor encounters with contaminated soil or groundwater.

Excavation in the vicinity of all three medium-risk sites would likely require adherence to the project's contaminated media management plan to properly characterize any potentially petroleum-contaminated soil for disposal.

2.1.2.9 High-Risk Activities and Potential Problem Areas

The 4th Street NE portion of the project does not include in-water work or direct disturbance to Ebey Slough, which is outside the project limits. No wetlands or streams occur within the construction footprint; however, some TDAs discharge to 303(d)-listed Ebey Slough. Maintaining traffic flow and access to adjacent businesses during construction will require careful phasing, particularly through the I-5 interchange ramps and nearby intersections.

Activities such as grading, paving, utility installation, and structure excavation near stormwater conveyance systems present a risk of sediment or pollutant discharge if BMPs are not properly implemented and maintained. Localized dewatering is anticipated where trench bottoms are below the seasonal high groundwater level.

2.1.2.10 Engineering Calculations

Temporary erosion and sediment control BMPs will be installed per SWMMWW/WSDOT standard details and spacing tables; no project-specific engineering calculations are required for these BMPs.

Because some proposed storm conveyance inverts are below seasonal high groundwater, dewatering is anticipated for localized reaches. The contractor will provide pump sizing, treatment system flow capacity, temporary storage/settling volume (if applicable), discharge control, and energy dissipation calculations with the dewatering plan.

If chemical treatment is proposed, design basis calculations will be included and treatment will only proceed with prior approval from agencies having jurisdiction, the Engineer of Record, and the Environmental Compliance Manager.

Design calculations for permanent stormwater facilities are provided in the project hydraulic/drainage report.

2.1.3 Impaired Water Body

Based on Ecology's 2025 Water Quality Assessment, the impaired water bodies in the vicinity of the project are listed in Table 2-5.

Table 2-5. Water Bodies in the Vicinity of the 4th Street Site

Category ¹	Water Resource Inventory Area	Water Body Name	Parameter	Listing ID ²
4A	7	Ebey Slough	Dissolved Oxygen	40626

1. Category 1: Meets tested standards for clean waters.
- Category 2: Waters of concern.
- Category 4: Polluted waters that do not require a total maximum daily load (TMDL).
- Category 4a: Water bodies that have an approved TMDL.
- Category 4b: Water bodies that have a pollution control plan in place adopted by the Washington State Department of Ecology.
- Category 4c: Water bodies that are impaired by a non-pollutant.
- Category 5: Polluted waters that require a TMDL; there is currently no TMDL control plan.

2. Source: Ecology, 2022, Washington State Water Quality Assessment 303(d)/305(b) List.

2.1.3.1 Impaired Water Body Proposed BMPs

In accordance with Special Condition S.8.B.3 of the CSWGP, an explanation must be provided indicating that the discharge is not expected to cause or contribute to an exceedance of a water quality standard. Additional documentation is required to be submitted with the NOI and kept with the SWPPP. Appendix A contains Ecology form ECY 070-399 (Rev.07/21), titled Proposed New Discharge to an Impaired Waterbody.

Dissolved Oxygen

The project stormwater discharges to an area of the Ebey Slough that is listed as a Category 4A waterbody for dissolved oxygen. The proposed project is not expected to be a significant source of low-dissolved oxygen or contribute to the existing water quality problems because stormwater runoff from new pavement within the project limits will be treated and then conveyed via municipal stormwater piping to the newly built Marysville Stormwater Treatment Facility, where stormwater will be treated prior to discharge to the Ebey Slough.

Dissolved oxygen can be affected by sediment in construction stormwater runoff. Sediment-control BMPs that can be used by the contractor within the project area are shown in Table 2-6.

Table 2-6. Dissolved Oxygen BMPs – 4th Street

Exposure Prevention	SWPPP/TESC BMP Element #	Suggested BMPs	Outcome
Soil stabilization and revegetation	Element 1, 4, 5, 6, 8	BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation BMP C120 & WSDOT 8-01.3(2): Seeding and planting BMP C121 & WSDOT 8-01.3(2)D: Temporary mulching BMP C122 & WSDOT 8-01.3(3): Nets and blankets (biodegradable erosion control blanket) BMP C123 & WSDOT 8-01.3(5): Plastic covering BMP C125 & WSDOT 8-02.3(4): Topsoil BMP C126 & WSDOT 8-01.3(2)E: Polyacrylamide for soil erosion protection BMP C201: Grass lined channels BMP C202 and WSDOT 8-15: Riprap channel lining WSDOT 8-01.2: Quarry spalls	Reduced exposed soil/sediment in runoff by stabilizing sediment/soils and covering exposed sediment/soil to minimize erosion.
Sediment control and treatment	Element #1, #2, #3, #4, #5, #6, #7, #8, #10	BMP C105 & WSDOT 8-01.3(7)/Std. Plan I-80.10-01: Stabilized construction entrance BMP C106: Wheel wash BMP C107 & WSDOT 8-01.3(7): Construction road/parking area stabilization BMP C140 WSDOT 1-07.5(4)B: Dust control BMP C203: Water Bars BMP C207 & WSDOT 8-01.3(6): Check dams BMP C220 & WSDOT 8-01.3(9)D: Inlet protection BMP C232: Gravel-filled berm BMP C233 & WSDOT 8-01.3(9)A2/Std. Plan I-30.15-02: Silt fence BMP C235 & WSDOT 8-01.3(10): Wattles/compost sock BMP C236: Vegetative filtration BMP C240 & WSDOT 8-01.3(9): Temporary sediment trap; BMP C241: Temporary sediment pond WSDOT 8-01.3(1)D: Dispersion and infiltration WSDOT 8-01.3(8): Street cleaning	Reduced transport of soil/sediment in runoff by diverting runoff away from exposed sediment/soils, reduced construction vehicle sediment track out, filtering sediment/soil out of runoff, and by infiltrating runoff.

Notes:

BMP = best management practice; SWPPP = stormwater management plan; TESC = temporary erosion and sediment control;
WSDOT = Washington State Department of Transportation.

BMPs from the Stormwater Management Manual for Western Washington are prefaced with "BMP".

BMPs from the WSDOT Standard Specification Manual Section 8-01 and TESC Manual are prefaced with "WSDOT."

2.1.4 Permitted Construction Discharge Locations

Table 2-7 lists the anticipated permitted construction discharge locations identified in the Notice of Intent (NOI) (Appendix A). Discharge locations may change based upon the contractor's discretion once TOC has transferred from jurisdiction to the contractor. These construction discharge locations will serve as sampling points for the duration of the project, unless otherwise modified by the contractor. A Modification of Coverage (MOC) form will be submitted to Ecology and kept with the SWPPP from the permittee should this occur. A site figure with these discharge locations can be found in the TESC Plan (Appendix C).

Table 2-7. Anticipated Permitted Construction Discharge Locations

NOI Outfall #	NOI Outfall: Latitude Longitude Coordinates	Receiving Surface Waterbody Name	Receiving Waterbody Outfall: Latitude Longitude Coordinates ¹
S005	48.051975, -122.182288	Ebey Slough- TDA 4	48.04745949415781, -122.18005622589942

Notes: NOI = Notice of Intent. 1 Ebey Slough outfall latitude/longitude coordinates are approximate. Information gathered from Google Earth and Marysville Public Utilities found at https://experience.arcgis.com/experience/5c40d0e4724b0fa9b3281bec69725c/page/Page/?data_id=dataSource_1-185c816adca-layer-11-3%3A11710.

2.2 88th Street NE Corridor

Table 2-8 provides a summary of site-specific characteristics and anticipated construction activities for the I-5/88th Street interchange.

Table 2-8. I-5/88th Street Interchange Project Information

Total project acreage	21.84 acres (does not include staging areas)
- Project Area – Marysville portion	4.51 acres
Total disturbed acreage	15.5 acres
- Disturbed acreage– Marysville portion	2.66 acres
- Disturbed area that is characterized as impervious (i.e., access roads, staging, parking) – Marysville portion	2.05 acres
Percent impervious area before construction	65%
Percent impervious area after construction	66%
Transfer of Coverage	CSWGP coverage will be transferred from respective jurisdiction to the contractor upon bid award
Anticipated construction schedule	2026–2028
Site activity summary	Activities include clearing and grubbing, grading, constructing roadway embankment, modifying existing ramps, paving, replacing a culvert with a bridge, constructing permanent stormwater BMPs, constructing stormwater conveyance system, and illumination and signage
Landscape topography	Generally flat Portions with roadway grades and ditches with standard side slopes not exceeding 2:1

Table 2-8. I-5/88th Street Interchange Project Information (continued)

Total project acreage	21.84 acres (does not include staging areas)
Existing structures	Existing roadway, ramps, ditches and conveyance elements and facilities
Existing vegetation	Grass slopes Some hardier vegetation in intersection gore areas
Drainage patterns	Enclosed drainage systems
Critical areas (wetlands, streams, high erosion risk, steep or difficult to stabilize slopes)	Stream
List of known impairments for 303(d) listed or TMDL for the receiving waterbody	Dissolved oxygen (Category 5) and fecal coliform (Category 4A)
NPDES permit number:	To be determined

Notes: BMP = best management practice; NPDES = National Pollutant Discharge Elimination System.

2.2.1 Proposed Construction Activities

The overall project will include corridor improvements along 88th Street NE as well as fish passage enhancements and stream habitat improvements at the 88th Street NE crossing of Coho Creek. Work for this project replaces the existing intersections with roundabouts and sidewalk systems; realigns connecting roads, on-ramps, and off-ramps; replaces a culvert with a bridge; and improves associated drainage and stormwater systems.

Construction activities include the following:

- Replacement of a culvert for Coho Creek with a bridge.
- Replacement of the signaled intersection of 88th Street and 34th Avenue NE (Quil Ceda Boulevard) with a new roundabout.
- Replacement of the signaled intersection of 88th Street NE and the I-5 southbound on- and off-ramps with a new roundabout.
- Replacement of the signaled intersection of 88th Street NE and the I-5 northbound on- and off-ramps with a new roundabout.
- Replacement of the signaled intersection of 88th Street NE and 36th Avenue NE with a new roundabout.
- Channelization improvements entering and exiting the roundabouts.
- Reconfigured pedestrian and bicycle access along the alignment.
- Power relocations due to removal of signalized intersections.
- Modification of existing utilities where there are conflicts.
- Drainage and stormwater improvements.
 - Piped conveyance.
 - Ditch conveyance.
 - Stormwater management facilities for runoff treatment and flow control.

Construction activities include grubbing; grading; placing fill material; installing new storm drain system with permanent treatment and infiltration BMPs, culverts, and ditches; retaining walls;

landscaping; and paving. The purpose of this SWPPP is to describe the proposed construction activities, permanent erosion and sediment control measures, TESC measures, pollution prevention measures, and recordkeeping that will be implemented during the proposed construction project. Following are the objectives of the SWPPP:

1. Implement BMPs to prevent erosion and sedimentation and identify, reduce, eliminate, or prevent stormwater contamination and water pollution from construction activity.
2. Prevent violations of surface water quality, groundwater quality, or sediment management standards.
3. Prevent adverse water quality impacts during the construction phase, including impacts on beneficial uses of the receiving water, by controlling peak flow rates and volumes of stormwater runoff at the permittee's outfalls and downstream of the outfalls.

2.2.2 Existing Conditions

This section describes the existing and adjacent conditions for the 88th Street NE portion of the project area, including topography, soils, climate, drainage basins, existing drainage patterns, sensitive areas, vegetation, encumbrances, high-risk activities, and other relevant site features.

The project corridor spans the jurisdictional boundary between the Tulalip Tribal lands and Marysville. Separate SWPPPs have been prepared for each jurisdiction: an EPA CGP SWPPP for the tribal portion and this Ecology CSWGP SWPPP for the portions of the project located within Marysville and WSDOT right-of-way.

The project consists of improvements at the I-5 interchange with 88th Street NE (Exit 200). Work will occur on the I-5 northbound and southbound entrance and exit ramps from MP 200.91 to MP 200.61, and along 88th Street NE from the intersection with 34th Avenue NE (Quil Ceda Boulevard) on tribal land to the east through the intersection with 36th Avenue NE in Marysville, a distance of approximately 2,000 linear feet. The project corridor is located within Sections 20 and 21, Township 30 North, Range 5 East, Willamette Meridian. The approximate latitude/longitude coordinates of the northern and southern project limits are 48.076377° N / 122.182486° W and 48.074028° N / 122.184277° W, respectively. The approximate latitude/longitude coordinates of the western and eastern project limits are 48.075656° N / 122.183815° W and 48.075688° N / 122.181106° W, respectively.

Work will occur primarily within the I-5 and city street right-of-way; limited additional ROW acquisition may be required. Total site area is 21.84 acres, excluding staging areas. Staging areas will be located within existing disturbed sites unless otherwise approved.

The existing right-of-way is developed with pavement, landscaped areas, and roadside ditches. There are no drinking water wells or septic systems within the project limits. The project area lies within Water Resource Inventory Area (WRIA) 7, hydrologic unit 171100110204 (Quilceda Creek), and drains to the Lower Quilceda Subbasin, which discharges to Ebey Slough of the Snohomish River. See Appendix B for a project vicinity map. Additional detail on site conditions is provided in the TESC Plan (Appendix C).

2.2.2.1 Soil

Soils within the 88th Street NE project area consist primarily of sandy loams in Hydrologic Soil Group A, which have high infiltration potential and are suitable for infiltration BMPs. No areas of highly

erodible soils are mapped within the project limits. Seasonal high groundwater depths provide adequate separation for infiltration BMPs.

Table 2-9 summarizes the soil infiltration rates and groundwater elevations from field testing and grain size analysis. These values are used for the design of stormwater facilities in the project area.

Table 2-9. Preliminary Infiltration Design Criteria for Facilities

Facility Name	TDA	Design Infiltration Rate (inches per hour)	Groundwater Elevation (NAVD88)	Groundwater Depth (feet below ground surface)
Infiltration Vault (A)	5	8.1	21	25
Infiltration Pond (A)	6	4.0	25	25
Infiltration Pond (B)	6	4.0	25	25
Infiltration Pond (C)	7	4.0	21	45
Infiltration Vault (B)	8	10.0	<27[1]	>21[1]

Notes: NAVD88 = North American Vertical Datum of 1988.

All infiltration rates and groundwater elevations shown in this table are from the HWA Geotechnical Report (HWA 2025).

2.2.2.2 Climate

Climate conditions at the 88th Street NE project area are consistent with those described in Section 2.1.2.2. See that section for complete climate data.

2.2.2.3 Topography

The project area topography is generally flat, with most runoff pooling and infiltrating in place. Steeper areas are limited to fill slopes adjacent to the highway and ramps. In these locations, runoff may form rivulets that can cause localized erosion. Where moderate or steep slopes are present, BMPs such as wattles will be used to reduce flow velocity and minimize erosion potential. Fill slopes within the project area do not exceed 2:1, and there are no known slope stability issues.

2.2.2.4 Groundwater

Monitoring wells within the 88th Street NE project area recorded seasonal high groundwater elevations up to approximately 31.0 ft NAVD88 (HWA 2025). Proposed stormwater facility and conveyance inverts in the Marysville portion are above this level, and utility trench depths are not anticipated to intersect groundwater under typical seasonal conditions. If field conditions indicate trench bottoms below the observed high groundwater level, dewatering may be required on a localized basis. Any dewatering will be conducted in accordance with permit requirements and applicable BMPs for treatment and discharge. The dewatering plan will be included in Appendix D.

According to the Snohomish County Critical Aquifer Recharge Areas map (February 2016), no Sole Source Aquifers or Wellhead Protection Areas are located within the project limits. The U.S. Geological Survey aquifer sensitivity rating is “moderate.” Project design maintains existing recharge rates and uses pretreatment prior to infiltration to protect groundwater quality.

2.2.2.5 Sensitive Areas

Sensitive areas are present within the drainage paths of the 88th Street NE project area. TDA 6 discharges to Quilceda Creek via infiltration and ditch conveyance, TDA 7 discharges to a wetland adjacent to Quilceda Creek, and TDA 8 discharges directly to Quilceda Creek. Quilceda Creek is listed on Washington's 303(d) list as a Category 5 water for dissolved oxygen and a Category 4A water for fecal coliform. These sensitive areas are located outside the construction footprint of the Marysville portion of the project.

Work in the Marysville portion will not directly alter, fill, or disturb these features. Construction activities will be limited to upland areas within existing or expanded right-of-way. Appropriate BMPs, including high-visibility fencing and sediment controls, will be installed to protect sensitive areas from sedimentation or pollutant discharges.

Additional information on drainage patterns and TDA outfalls is provided in Section 2.2.2.7. Where TDAs discharge to impaired waters, BMP commitments and TMDL compliance measures are described in Section 2.2.3.1.

2.2.2.6 Vegetation

There is one proposed overwater structure on this project: a bridge over Coho Creek, which is outside the Marysville portion of the project area and addressed under a separate SWPPP. The floodplain surrounding Coho Creek and Quilceda Creek have well-established and hearty vegetation. Roadway segments have limited vegetation consisting of grass and common landscape vegetation.

2.2.2.7 Drainage and TDAs

The 88th Street NE portion of the project is divided into multiple TDAs. This SWPPP covers only those TDAs within Marysville jurisdiction under Ecology CSWGP coverage; TDAs in WSDOT right-of-way on Tulalip land and all other TDAs on Tulalip land are covered under a separate EPA Construction General Permit SWPPP. Runoff from the covered TDAs is conveyed to either infiltration facilities or directly to surface waters. Portions of the project drain to impaired waters listed on Washington's 303(d) list. For best management practices (BMPs) and compliance measures for TDAs discharging to impaired waters, see Section 2.2.3.1.

Six TDAs occur within the overall 88th Street project limits, of these, three—TDAs 8 through 10—are located within the Marysville portion of the project limits and are described below and in Table 2-5. All six TDAs are discussed in the TESC Plan (Appendix C).

- **TDA 8** drains portions of the I-5 northbound on-ramp, most of 88th Street NE east of the I-5 interchange, and a private parcel on the southeast corner of 36th Avenue NE and 88th Street NE. Runoff is conveyed via pipes to a stormwater treatment pond that is anticipated to outfall to Quilceda Creek north of 88th Street NE. TDA 8 drains across multiple jurisdictions, with most runoff coming from Marysville and a portion of the TDA coming from the WSDOT limited-use ROW.
- **TDA 9** drains a private parcel, the west side of 36th Avenue NE, and portions of pervious slopes adjacent to the north bound off-ramp. Runoff is conveyed via a private system to a privately owned ditch and underground stormwater facility along the north and western boundary of the parcel per Texaco Gas Station as-built dated January 2000. The consecutive private BMPs are assumed to fully treat and infiltrate all contributing runoff on-site. TDA 9, similar to TDA 8, drains multiple jurisdictional areas, with most runoff coming from Marysville and a portion coming from the WSDOT limited-use ROW.

- **TDA 10** drains a very small area of 36th Avenue NE, south of 88th Street NE. This TDA appears to flow south along the east side of 36th Avenue NE until the end of the existing curb where stormwater likely infiltrates into the surrounding soil on the shoulder of the existing road.

Table 2-10. 88th Street NE – TDAs in Marysville/Ecology CSWGP Coverage

TDA Number	Area (acres)	Receiving Water Body	Impairment Status
8	2.67	Quilceda Creek	Impaired (Cat. 5 DO, Cat. 4A FC)
9	1.89	Infiltrates into Surrounding Soil	None
10	0.02	Infiltrates into Surrounding Soil	None

Table 2-10 includes only TDAs within Marysville under Ecology CSWGP coverage. TDAs in WSDOT right-of-way on Tulalip land and all other TDAs on Tulalip land are covered under a separate EPA CGP SWPPP. See Section 2.1.3.1 for impairment descriptions and TMDL compliance measures.

2.2.2.8 Existing Encumbrances

Parametrix prepared a Hazardous Materials Discipline Report for the Tribes to document the hazardous materials impacts associated with the project (Parametrix, 2023). Review of regulatory databases, files, and historical review for potential contamination within 0.25 miles of the project area were evaluated, and no high-risk hazardous materials were identified within the 88th Street NE project vicinity.

2.2.2.9 High Risk Activities and Potential Problem Areas

The 88th Street NE portion of the project does not include in-water work or direct disturbance to Quilceda Creek, which is outside the project limits. No wetlands or streams occur within the construction footprint; however, some TDAs discharge to 303(d)-listed Quilceda Creek. Maintaining traffic flow and access to adjacent businesses during construction will require careful phasing, particularly through the I-5 interchange ramps and nearby intersections.

Activities such as grading, paving, utility installation, and structure excavation near stormwater conveyance systems present a risk of sediment or pollutant discharge if BMPs are not properly implemented and maintained. Localized dewatering may be required if field conditions indicate trench bottoms are below the seasonal high groundwater level.

2.2.2.10 Engineering Calculations

Temporary erosion and sediment control BMPs will be installed per SWMMWW/WSDOT standard details and spacing tables; no project-specific engineering calculations are required for these BMPs.

Dewatering is not anticipated; if field conditions require dewatering, the contractor will submit pump/treatment capacity and discharge control calculations with the dewatering plan for CESCL review and approval.

Design calculations for permanent stormwater facilities are provided in the project hydraulic/drainage report.

2.2.3 Impaired Water Body

Quilceda Creek is located outside the Marysville project limits but receives runoff from portions of the project area via existing stormwater conveyance systems. Ecology's 2025 Water Quality Assessment lists Quilceda Creek as impaired for dissolved oxygen (Category 5) and bacteria-fecal coliform (Category 4A). The impaired water bodies in the vicinity of the project are listed in Table 2-11. Discharges will be managed using BMPs described in this SWPPP to ensure they do not cause or contribute to exceedances of water quality standards.

Table 2-11. Impaired Water Bodies in the Vicinity of the 88th Street NE Site

Category ¹	Water Resource Inventory Area	Water Body Name	Parameter	Listing ID ²
5	7	Quilceda Creek	Dissolved Oxygen	7302
4A	7	Quilceda Creek	Bacteria- Fecal Coliform	7306

- 1 Category 1: Meets tested standards for clean waters.
Category 2: Waters of concern.
Category 4: Polluted waters that do not require a total maximum daily load (TMDL).
Category 4a: Water bodies that have an approved TMDL.
Category 4b: Water bodies that have a pollution control plan in place adopted by the Washington State Department of Ecology.
Category 4c: Water bodies that are impaired by a non-pollutant.
Category 5: Polluted waters that require a TMDL; there is currently no TMDL control plan.
- 2 Source: Ecology, 2025, Washington State Water Quality Assessment 303(d)/305(b) List.

2.2.3.1 Impaired Water Body Proposed BMPs

In accordance with Special Condition S.8.B.3 of the CSWGP, an explanation must be provided indicating the discharge is not expected to cause or contribute to an exceedance of a water quality standard. Additional documentation is required to be submitted with the NOI and kept with the SWPPP. Accordingly, Appendix A contains Ecology form ECY 070-399 (Rev.07/21), titled Proposed New Discharge to an Impaired Waterbody.

Fecal Coliform

The proposed project is not expected to be a significant source of fecal coliform in receiving waters. There are no anticipated sources within the Marysville project limits, such as agricultural activities, livestock, or failing septic systems, that would contribute to fecal coliform loading. Quilceda Creek, located outside the project limits, is listed on Ecology's 303(d) list for fecal coliform bacteria (Category 4A) with an approved TMDL and receives runoff from portions of the project area through existing stormwater conveyance systems. Construction-phase BMPs will prevent potential sources, such as improperly managed portable toilets or sanitary waste from workers, from entering the stormwater system.

Dissolved Oxygen

The proposed project is not expected to have a significant impact on dissolved oxygen in receiving waters. Quilceda Creek, located outside the Marysville project limits, is listed on Ecology's 303(d) list as impaired for dissolved oxygen (Category 5) and receives runoff from portions of the project area through existing stormwater conveyance systems. Construction-phase BMPs will be implemented to prevent sediment and oxygen-demanding materials from entering the stormwater system. Permanent stormwater facilities, including treatment vaults and infiltration facilities, will treat and cool runoff and promote infiltration prior to discharge. If chemical treatment is needed, it will only be

implemented with prior approval from all agencies having jurisdiction, the Engineer of Record, and the Environmental Compliance Manager. These measures will ensure discharges from the project do not cause or contribute to further dissolved oxygen impairment. A full list of BMPs, including WSDOT specifications, is provided in Table 2-12.

Table 2-12. Dissolved Oxygen BMPs – 88th Street NE

Exposure Prevention	SWPPP/TESC BMP Element #	Suggested BMPs	Outcome
Soil stabilization and revegetation	Elements 1, 4, 5, 6, 8	BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation BMP C120 & WSDOT 8-01.3(2): Seeding and planting BMP C121 & WSDOT 8-01.3(2)D: Temporary mulching BMP C122 & WSDOT 8-01.3(3): Nets and blankets (biodegradable erosion control blanket) BMP C123 & WSDOT 8-01.3(5): Plastic covering BMP C125 & WSDOT 8-02.3(4): Topsoil BMP C126 & WSDOT 8-01.3(2)E: Polyacrylamide for soil erosion protection BMP C201: Grass lined channels BMP C202 and WSDOT 8-15: Riprap channel lining WSDOT 8-01.2: Quarry spalls	Reduced exposed soil/sediment in runoff by stabilizing sediment/soils and covering exposed sediment/soil to minimize erosion.
Sediment control and treatment	Elements 1, 2, 3, 4, 5, 6, 7, 8, 10	BMP C105 & WSDOT 8-01.3(7)/Std. Plan I-80.10-01: Stabilized construction entrance BMP C106: Wheel wash BMP C140 WSDOT 1-07.5(4)B: Dust control BMP C203: Water Bars BMP C207 & WSDOT 8-01.3(6): Check dams BMP C220 & WSDOT 8-01.3(9)D: Inlet protection BMP C232: Gravel-filled berm BMP C233 & WSDOT 8-01.3(9)A2/Std. Plan I-30.15-02: Silt fence BMP C235 & WSDOT 8-01.3(10): Wattles/compost sock BMP C236: Vegetative filtration BMP C240 & WSDOT 8-01.3(9): Temporary sediment trap BMP C241: Temporary sediment pond WSDOT 8-01.3(1)D: Dispersion and infiltration WSDOT 8-01.3(8): Street cleaning	Reduced transport of soil/sediment in runoff by diverting runoff away from exposed sediment/soils, reduced construction vehicle sediment track out, filtering sediment/soil out of runoff, and by infiltrating runoff.

Notes:

BMP = best management practice; SWPPP = stormwater management plan; TESC = temporary erosion and sediment control; WSDOT = Washington State Department of Transportation.

BMPs from the Stormwater Management Manual for Western Washington are prefaced with "BMP."

BMPs from the WSDOT Standard Specification Manual Section 8-01 and TESC Manual are prefaced with "WSDOT."

2.2.4 Permitted Construction Discharge Locations

Table 2-13 lists the anticipated permitted construction discharge locations identified in the NOI (Appendix A). Discharge locations may change based upon the contractor's discretion once TOC has transferred from jurisdiction to the contractor. These construction discharge locations will serve as sampling points for the duration of the project, unless otherwise modified by the contractor. A MOC form will be submitted to Ecology and kept with the SWPPP from the permittee should this occur. A site figure with these discharge locations can be found in the TESC Plan (Appendix C).

Table 2-13. Anticipated Permitted Construction Discharge Locations

NOI Outfall #	NOI Outfall: Latitude Longitude Coordinates	Receiving Surface Waterbody Name	Receiving Waterbody Outfall: Latitude Longitude Coordinates ¹
S014	48.075786, -122.199343	Quilceda Creek- TDA 8	48.075912391786105, -122.1797044091279
S015	48.075775, -122.198341	Quilceda Creek- TDA 8	48.075912391786105, -122.1797044091279

Notes: NOI = Notice of Intent.

¹ Quilceda Creek outfall latitude/longitude coordinates are approximate. Information gathered from Google Earth and Marysville Public Utilities found at https://experience.arcgis.com/experience/5c40d0ebe4724b0fa9b3281bec69725c/page/Page/?data_id=dataSource_1-185c816adca-layer-11-3%3A11710.

3. Construction Stormwater BMPs

In accordance with Special Condition S9.B.c of the CSWGP, the following subsections detail the 13 BMP elements required regarding the 4th Street and 88th Street NE sites in Marysville. Appendix C also contains this information.

3.1 The 13 BMP Elements

Appendix C provides the relevant construction stormwater BMPs for this project. The methods used to implement the 13 elements of construction stormwater pollution prevention listed in the SWMMWW (Ecology 2024) and are discussed below.

This section describes the 13 planning elements in accordance with the Special Condition S9 in the CSWGP. BMPs follow the SWMMWW, the WSDOT Standard Specification Manual Section 8-01, and the WSDOT TESC Manual, dated 2019. BMPs from the SWMMWW will be prefaced with “BMP,” while BMPs from the WSDOT Standard Specification Manual Section 8-01 and TESC Manual will be prefaced with “WSDOT.”

3.1.1 Element 1 – Preserve Vegetation/Mark Clearing Limits

To protect adjacent properties and minimize the area of disturbed soil, the limits of construction will be clearly marked before land-disturbing activities begin. Adjacent wetlands shall be clearly delineated, both in the field and on the plans. In general, natural vegetation and native topsoil shall be retained in an undisturbed state to the maximum extent possible.

A high-visibility fence will be constructed as the first order of work and will be placed at the edge of the clearing/grubbing line where adjacent to Quilceda Creek and wetlands. No work shall be allowed beyond the limits of the high-visibility fence. Vegetation will be preserved where no construction is proposed.

Table 3-1. BMPs for Clearing Limits and Vegetation Preservation

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C103	High Visibility Plastic or Metal Fence	Along construction clearing limits, wetland/stream buffers, and other protected areas shown on TESC plans.
BMP C231	High Visibility Silt Fence	At clearing limits where both sediment control and high visibility are required, typically along downhill perimeters near sensitive areas.
WSDOT 8-01.3(11)	Tree Protection Fence	At dripline of designated trees to remain; locations noted on TESC plan legend and general notes.
Contingency BMPs - Installed only if directed by CESCL		
BMP C101	Preserving Natural Vegetation	Retain native vegetation in undisturbed zones to protect soil and reduce erosion potential.
BMP C102	Buffer Zones	Establish and maintain undisturbed buffer areas adjacent to sensitive resources if required by permit conditions or site changes.

Alternative BMPs for marking clearing limits are included in Appendix C as a quick reference tool for the on-site inspector in the event that the BMPs listed above are deemed ineffective or inappropriate during construction to satisfy the requirements set forth in the CSWGP. To avoid potential erosion and sediment control issues that may result in a violation of the CSWGP, the Certified Erosion and Sediment Control Lead (CESCL) will promptly initiate the implementation of one or more of the alternative BMPs after the first sign that existing BMPs are ineffective or failing.

3.1.2 Element 2 – Establish Construction Access

Stabilized construction entrances shall be installed along the northbound on- and off-ramps for access to the work areas. Access points will be stabilized to minimize the tracking of sediment onto public roads. Wheel washing, street sweeping, and street cleaning will be employed as necessary to prevent sediment from entering state waters. Wheel wash wastewater shall be controlled and collected for on-site disposal in accordance with permit requirements.

Construction access BMPs will be implemented as one of the first orders of work and maintained throughout construction. Locations of access points and entrances are shown on the TESC Plans.

Table 3-2. BMPs for Construction Entrance

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C106	Wheel Wash	Installed if sediment tracking exceeds what stabilized entrances can control. Location to be determined in coordination with CESCL.
BMP C107	Construction Road/Parking Area Stabilization	Applied to interior haul routes or parking areas if rutting or sediment transport becomes a problem.
WSDOT 8-01.3(8)	Street Cleaning	Mechanical sweepers or hand cleaning of paved roads adjacent to the project as needed to remove tracked sediment.
Contingency BMPs - Installed only if directed by CESCL		
BMP C107	Road/Parking Stabilization	May be used if site conditions (soft soils, wet weather) require added stabilization.

Stabilized construction entrances will be constructed before earthwork begins and maintained until completion of construction. Entrances will be supplemented with track-out grates or rumble plates if required by the CESCL. Sediment deposited on adjacent pavement will be removed by street sweeping or other approved methods.

Alternative BMPs for construction access are included in Appendix C as a quick reference tool. The CESCL will promptly initiate alternatives after the first sign that existing BMPs are ineffective or failing.

3.1.3 Element 3 – Control Flow Rates

Soil erosion will be minimized by controlling stormwater within the site to prevent increases in volume, velocity, and peak flow rate leaving the site during construction. Temporary stormwater treatment tanks with controlled pumping will serve as the primary flow-control measure during construction. Tanks will remain in operation until disturbed areas are stabilized.

If a sediment pond is used in lieu of tanks, it will be constructed as one of the first orders of work and rehabilitated to its original or designated condition before project completion. If chemical treatment is necessary, it will only be implemented with prior approval from all agencies having jurisdiction, the Engineer of Record, and the Environmental Compliance Manager.

Table 3-3. BMPs for Flow Rate Control

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C204	Temporary Pipe Slope Drain	Installed where runoff must be routed downslope around active work zones to a stable discharge location.
BMP C207	Check Dams	Placed within temporary ditches and channels at spacing intervals to reduce flow velocity and allow sediment to settle.
BMP C235	Wattles	Installed along slope breaks, at the toe of slopes, and across small swales to slow runoff and promote infiltration.
WSDOT 5-01.1(43)	Temporary Containment / Mobile Storage Tanks	Used to capture, hold, and settle stormwater prior to treatment and controlled discharge during construction.
WSDOT 5-01.1(49)	Water Pumps	Used to convey stormwater into tanks and to manage the rate of discharge from storage to designated outfalls.
Contingency BMPs - Installed only if directed by CESCL		
BMP C209	Outlet Protection	Would be placed at temporary culvert or pipe outlets to prevent erosion and scour.
BMP C202	Riprap Channel Lining	Would be used to stabilize temporary conveyances subject to erosive velocities.
BMP C208	Triangular Silt Dike	Could be installed to intercept and redirect shallow concentrated flow if needed.
BMP C240	Temporary Sediment Trap	Would be constructed at low points where localized detention is required ahead of treatment.
BMP C241	Temporary Sediment Pond	Would serve as a temporary sedimentation facility if large unstabilized drainage areas develop.
WSDOT 5-01.1(20)	Interceptor Dike and Swale	Could be constructed upslope of work areas to divert clean water around disturbed soil.
WSDOT 8-01.3(1)D	Dispersion and Infiltration	Could be applied where runoff can be spread across vegetated areas to promote infiltration.
WSDOT 8-01.3(1)E	Detention/Retention Pond	Would be constructed only if staging requires additional temporary storage capacity.

Temporary stormwater treatment tanks will be installed as one of the first orders of work prior to major grading. Tanks will provide both storage and sedimentation before controlled discharge to approved outfalls. Water pumps will be used to maintain controlled discharge rates.

Temporary pipe slope drains will be installed where runoff from disturbed areas must be routed around construction activities. Check dams and wattles will be placed in temporary conveyances and along slopes to slow runoff and promote sedimentation. These BMPs will be maintained throughout construction until permanent drainage facilities are online.

Contingency BMPs such as sediment traps, ponds, or outlet protection may be required if rainfall exceeds design assumptions or if the CESCL determines that existing measures are not performing adequately. Alternative BMPs are provided in Appendix C, and the CESCL will implement them as needed to maintain compliance with the CSWGP.

3.1.4 Element 4 – Install Sediment Controls

All stormwater runoff from disturbed areas shall pass through an appropriate sediment removal BMP before leaving the construction site. The specific BMPs for sediment control on this project are listed in the tables below. Silt fence, straw wattles, and storm drain inlet protection will be installed prior to clearing and grubbing activities at the locations shown on the TESC Plans (Appendix C). Sediment control BMPs will be maintained throughout construction and removed only after permanent stabilization is achieved.

Table 3-4. BMPs for Sediment Control

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C220	Inlet Protection	Installed at existing and newly constructed storm drain inlets to prevent sediment from entering conveyance systems during construction.
BMP C233	Silt Fence	Installed downslope of disturbed soil areas and along perimeters to intercept and settle sediment-laden runoff.
BMP C231	High Visibility Silt Fence	Used where both sediment control and visual delineation of clearing limits are required, especially adjacent to sensitive areas.
BMP C235	Wattles	Installed across slope faces and swales to slow runoff, promote infiltration, and capture sediment.
BMP C239	Compost Socks	Placed along contours on slopes to intercept runoff and trap sediment close to the source.
BMP C207	Check Dams	Placed in ditches and channels to reduce velocity, slow runoff, and promote sediment deposition.
Contingency BMPs - Installed only if directed by CESCL		
BMP C240	Temporary Sediment Trap	Could be constructed at low points to provide localized detention and sediment capture if needed.
BMP C241	Temporary Sediment Pond	Could be constructed if large disturbed drainage areas develop and require additional sediment storage.
BMP C242	Sediment Chamber	Could be installed inline with conveyances where finer sediment removal is necessary.
WSDOT 8-01.3(8)	Street Cleaning	Used to remove sediment deposited on paved surfaces adjacent to the site, preventing re-entrainment by stormwater.

Sediment control BMPs will be installed before clearing and grubbing begins to ensure disturbed soils do not discharge untreated runoff. Inlet protection will be installed at all storm drain structures within or near the construction limits. Silt fence, high-visibility silt fence, wattles, and compost socks

will intercept runoff and capture sediment at the source. Check dams will reduce velocities in temporary conveyances and settle sediment before discharge.

Sediment will be removed from paved areas in and adjacent to construction work areas manually or by using mechanical sweepers, as needed, to minimize tracking of sediments on vehicle tires and to minimize wash-off from adjacent streets.

Whenever possible, sediment-laden water will be discharged into relatively level vegetated areas (BMP C236) to allow infiltration and filtration before entering conveyances. Where this is not feasible, appropriate measures such as sediment traps, ponds, or tanks will be used.

The CESCL will inspect sediment control BMPs within 24 hours of each storm event. Accumulated sediment will be removed when it reaches one-third the height of the BMP (e.g., behind a silt fence or check dam). Damaged BMPs will be repaired immediately. Contingency BMPs will be implemented if existing measures are not effective.

Alternative BMPs are listed in Appendix C as a quick reference tool. The CESCL will promptly initiate contingency measures after the first sign that existing BMPs are ineffective or failing to maintain compliance with the CSWGP.

3.1.5 Element 5 – Stabilize Soils

Exposed and unworked soils shall be stabilized with effective BMPs to prevent erosion throughout the life of the project. Stabilization measures will be implemented as soon as practicable following disturbance, and disturbed soils will not be left exposed beyond the durations allowed by the CSWGP.

Table 3-5. BMPs for Soil Stabilization

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C105	Stabilized Construction Entrance/Exit	Constructed at access points to reduce track-out and stabilize surface soils subject to constant traffic.
BMP C107	Construction Road/Parking Area Stabilization	Applied to interior haul routes, staging areas, and parking surfaces subject to rutting or erosion.
BMP C235	Wattles	Installed along slope breaks and at the toe of slopes to slow runoff and reduce erosion of exposed soils.
WSDOT 8-01.3(8)	Street Cleaning	Used to remove tracked sediment from paved surfaces, preventing wash-off during rain events.
Contingency BMPs - Installed only if directed by CESCL		
BMP C101	Preserving Natural Vegetation	Retain undisturbed areas of native vegetation where possible to maintain soil stability.
BMP C120	Temporary and Permanent Seeding	Applied to disturbed soil areas not scheduled for immediate work to provide vegetative cover.
BMP C121	Mulching	Applied to soil stockpiles or inactive disturbed ground for short-term stabilization.

Table 3-5. BMPs for Soil Stabilization (continued)

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C122	Nets and Blankets	Used on steeper slopes or highly erodible soils to provide reinforced cover until vegetation is established.
BMP C123	Plastic Covering	Applied to exposed soil or stockpiles during wet weather to prevent erosion and sediment transport.
BMP C125	Topsoil	Spread and stabilized to support permanent revegetation during final grading and landscaping.
BMP C126	Polyacrylamide (PAM) for Soil Protection	Applied to fine-grained soils to reduce erosion and enhance sediment settling.
BMP C140	Dust Control	Applied during dry weather using water, tackifier, or other approved suppressant.

All disturbed soil within the project area will be stabilized as early as possible. Where work areas will not be immediately paved, landscaped, or otherwise covered, temporary stabilization such as seeding, mulching, or plastic covering will be applied. Stockpiled soils will be covered with plastic sheeting and protected with sediment-trapping BMPs until use.

Because this project is located west of the Cascade Mountain Crest, the following soil exposure limits apply:

- No soils shall remain exposed and unworked for more than 7 days during the dry season (May 1 to September 30).
- No soils shall remain exposed and unworked for more than 2 days during the wet season (October 1 to April 30).
- Regardless of the time of year, all soils shall be stabilized at the end of the work shift before weekends or holidays if precipitation is forecast.

Cut and fill slopes will be stabilized as soon as practicable with seeding, mulching, or blankets. Dust control measures will be used during dry periods to prevent wind erosion and track-out from unpaved surfaces. Where practical, sediment-laden water from disturbed areas will be directed into stabilized vegetated areas to allow infiltration and filtration before entering drainage systems.

All stabilization BMPs will be inspected by the CESCL and maintained throughout construction. If BMPs are ineffective or fail, the CESCL will implement additional or contingency BMPs identified in the table above.

Alternative BMPs for soil stabilization are included in Appendix C as a quick reference tool for the on-site inspector. The CESCL will promptly initiate contingency measures after the first sign that existing BMPs are ineffective or failing to ensure compliance with the CSWGP.

3.1.6 Element 6 – Protect Slopes

All cut and fill slopes will be designed, constructed, and protected in a manner that minimizes erosion. Many slopes will be protected by permanent retaining walls; however, where slopes are exposed, temporary erosion control blankets or plastic covering will be used until permanent stabilization is established. Remaining disturbed slopes are generally less than 10 feet in width with

gradients of 3:1 or flatter. Slope protection BMPs will be installed immediately after grading and maintained until vegetation or permanent stabilization is established.

Table 3-6. BMPs for Slope Protection

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C121	Mulching	Applied to cut and fill slopes for temporary cover until permanent vegetation is established.
BMP C122	Nets and Blankets	Installed on steeper or erosion-prone slopes to reinforce soil cover until vegetation is established.
BMP C123	Plastic Covering	Applied temporarily to exposed slopes during wet weather or where work is temporarily suspended.
BMP C120	Temporary and Permanent Seeding	Applied to cut and fill slopes once grading is complete to establish permanent vegetative cover.
BMP C235	Wattles	Placed along slope contours and breaks to slow runoff and reduce erosion.
BMP C239	Compost Socks	Installed along slope faces or toe of slope to intercept runoff and filter sediment.
Contingency BMPs - Installed only if directed by CESCL		
BMP C200	Interceptor Dike and Swale	Constructed above slopes to intercept and divert runoff away from disturbed areas.
BMP C201	Grass-Lined Channels	Used to convey runoff safely down slopes where concentrated flow occurs.
BMP C202	Riprap Channel Lining	Applied to temporary slope drains or ditches where velocities exceed allowable limits for vegetated channels.
BMP C208	Triangular Silt Dike	May be installed across slopes or ditches to intercept shallow concentrated flow.
WSDOT 8-01.3(1)C	Water Management	Applied to manage slope drainage, ensuring runoff is routed to stabilized outlets.

Cut and fill slopes will be stabilized as soon as possible following grading. Temporary stabilization may include mulching, nets and blankets, plastic covering, wattles, or compost socks to reduce runoff velocity and prevent erosion. Permanent stabilization will be achieved through seeding, mulching, or the establishment of vegetation.

Slopes will be inspected frequently, especially following storm events, to ensure erosion is not occurring. Damaged BMPs (such as displaced wattles or undermined blankets) will be repaired immediately.

Where slope gradients or soil conditions indicate a higher erosion potential, reinforced erosion control blankets or compost socks will be prioritized. Plastic covering will be used only for temporary protection during wet weather, to avoid long-term impacts to soil health.

Because disturbed slopes on this project are generally narrow (<10 feet) and at gradients of 3:1 or flatter, erosion risks are considered moderate. Nevertheless, CESCL will evaluate slope conditions regularly and implement contingency BMPs such as interceptor dikes, triangular silt dikes, or riprap linings if increased erosion potential is observed.

All slope protection BMPs will be installed and maintained in accordance with Ecology's SWMMWW, the WSDOT Standard Specifications, and the TESC Plan details in Appendix C. If BMPs prove

ineffective, the CESCL will promptly implement alternative measures to maintain compliance with the CSWGP.

3.1.7 Element 7 – Protect Drain Inlets

All storm drain inlets and culverts made operable during construction shall be protected to prevent unfiltered or untreated water from entering the drainage system. The first priority will be to keep access roads free of sediment and to ensure that street wash water does not enter storm drains until appropriate treatment can be provided.

Inlet protection BMPs will be installed as one of the first orders of work at all existing and newly constructed drainage structures that may receive runoff from disturbed areas. Locations of protected inlets are shown on the TESC Plans (Appendix C).

Table 3-7. BMPs for Inlet Protection

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C220	Storm Drain Inlet Protection	Installed at all catch basins and inlets within or near the construction area to filter sediment-laden runoff.
BMP C207	Check Dams	Placed in ditches or swales upstream of inlets to slow velocities and reduce sediment load before reaching drainage structures.
BMP C235	Wattles	Installed around inlets or across flow paths to intercept and filter runoff prior to entering structures.
WSDOT 8-01.3(12)	Compost Socks	Placed around inlet openings or along the gutter line to filter runoff and reduce sediment inflow.
Contingency BMPs - Installed only if directed by CESCL		
BMP C232	Gravel-Filled Berm	Could be placed across gutter lines or in front of inlets where standard inlet protection is not effective.
BMP C240	Temporary Sediment Trap	Could be constructed upstream of inlets to provide detention and sediment settling before discharge.
BMP C241	Temporary Sediment Pond	May be used if a cluster of inlets receives high sediment loads that require additional treatment.

Inlet protection will be provided at all storm drain structures that could potentially be affected by sediment-laden runoff. Protection may include silt sacks, block-and-gravel barriers, compost socks, or other approved inlet filters in accordance with WSDOT Standard Plan I-40.20-00.

The CESCL will inspect all inlet BMPs within 24 hours of each storm event and will clean or replace them if sediment accumulation interferes with performance. Sediment removed from inlet protection BMPs will be disposed of in a manner that prevents it from re-entering stormwater conveyances.

The first line of defense will be good housekeeping practices such as keeping roads clean and controlling sediment at the source with perimeter BMPs (silt fence, wattles, compost socks). Inlet protection will be used as a secondary measure to capture sediment that reaches the storm system.

If BMPs are found to be ineffective during inspection, the CESCL will promptly install contingency measures such as gravel-filled berms or temporary sediment traps to ensure that untreated runoff does not enter the drainage system. Alternative BMPs are included in Appendix C as a quick reference tool.

3.1.8 Element 8 – Stabilize Channels and Outlets

Where site runoff is to be conveyed in channels or discharged at outfalls, BMPs will be used to prevent erosion of channels, outlets, and downstream receiving waters. Stabilization measures will be installed immediately after construction of temporary or permanent conveyance systems and maintained until vegetation is established or permanent armoring is in place.

All temporary on-site conveyance channels will be designed, constructed, and stabilized to prevent erosion from the expected peak 10-minute velocity of flow from a Type 1A, 10-year, 24-hour storm event for the developed condition, or an equivalent continuous simulation model. Adequate armoring and outlet protection will be provided to prevent scour at discharge points and along channel banks.

Table 3-8. BMPs for Channel and Outlet Stabilization

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C202	Riprap Channel Lining	Installed in ditches and swales to protect channels from erosion due to concentrated flows.
BMP C207	Check Dams	Placed in temporary ditches to slow runoff and promote sediment deposition until upstream stabilization is achieved.
BMP C209	Outlet Protection	Installed at the ends of pipes and culverts to prevent scour at discharge points.
BMP C122	Nets and Blankets	Used in temporary channels until vegetation is established, especially on side slopes.
BMP C120	Seeding and Planting	Applied to ditches and swales to establish permanent vegetative cover for channel stabilization.
BMP C201	Grass-Lined Channels	Constructed where permanent vegetative stabilization is feasible for conveyance.
WSDOT 8-01.2	Quarry Spalls	Installed at new outfalls from culverts and pipes to provide armoring and prevent scour.
BMP C232	Gravel-Filled Berm	Installed across swales or small conveyances to slow flows and filter sediment.
Contingency BMPs - Installed only if directed by CESCL		
BMP C208	Triangular Silt Dike	Could be placed in shallow channels as a temporary measure to intercept and redirect concentrated flow.
BMP C241	Temporary Sediment Pond	Could be constructed upstream of outlets to settle sediment before discharge.
BMP C242	Sediment Chamber	Could be installed in-line with temporary conveyances to capture finer sediments.

Channels and outlets will be stabilized as soon as practicable following construction. Check dams will be installed in temporary ditches at locations shown on the TESC Plans until upstream disturbed areas have been stabilized. Riprap or quarry spalls will be used at new outfalls from culverts and pipes to protect downstream slopes and streambanks from scour. Temporary channels will be stabilized with erosion control blankets or mulch until permanent seeding becomes established. Vegetated channels will be constructed where feasible to provide long-term stabilization.

All channel and outlet stabilization BMPs will be inspected regularly by the CESCL, particularly following rainfall events. If erosion or scour is observed, contingency measures such as triangular silt dikes, sediment chambers, or temporary ponds will be implemented to provide additional control.

Alternative BMPs are provided in Appendix C as a quick reference tool. The CESCL will promptly initiate contingency measures if existing BMPs are found ineffective, to maintain compliance with the CSWGP.

3.1.9 Element 9 – Control Pollutants

Table 3-9. BMPs for Pollutant Control

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C151	Concrete Handling	Designated areas for concrete washout, mixing, and curing water management.
BMP C154	Concrete Washout Area	Constructed washout areas for all concrete truck and pump discharges.
BMP C152	Sawcutting and Surfacing Pollution Prevention	Implemented during sawcutting and asphalt/concrete surfacing; slurry and process water collected and contained.
BMP C153	Material Delivery, Storage and Containment	Applied to chemical, fuel, and material storage areas; includes secondary containment and cover.
BMP C106	Wheel Wash	Used to collect and control wash water from vehicle washing before discharge.
BMP C220	Storm Drain Inlet Protection	Installed at nearby inlets to prevent pollutant-laden runoff from entering conveyances.
WSDOT 8-01.3(1)C6	Environmentally Acceptable Hydraulic Fluids	Required for equipment operating on bridges or over water.
WSDOT 1-07.5(4)B	Dust Control	Applied on disturbed surfaces and haul routes to reduce airborne dust and pollutant transport.
Contingency BMPs - Installed only if directed by CESCL		
BMP C140	Additional Dust Control	Applied during dry conditions if initial dust control measures are not adequate.
BMP C251	Construction Stormwater Filtration	Could be deployed if fine sediment or suspended solids are not adequately captured by primary BMPs.
BMP C252	High pH Water Management	Applied if sources of high-pH water (e.g., concrete washout) risk entering stormwater.
WSDOT 8-01.3(1)C	Water Management	Applied to ensure process water, slurry, or contaminated stormwater is directed to appropriate treatment/disposal facilities.

Pollution prevention measures will be implemented for the following on-site activities:

- **Vehicles and Equipment:** All vehicles, equipment, and petroleum product storage/dispensing areas will be inspected regularly to detect leaks or spills. On-site fueling tanks and petroleum product containers will include secondary containment. Spill prevention measures such as drip pans will be used when conducting maintenance. Temporary plastic sheeting will be placed beneath vehicles during emergency repairs, and contaminated surfaces will be cleaned immediately.

- **Chemicals:** All chemicals will be stored with cover, containment, and protection per BMP C153. Application of fertilizers, herbicides, or pesticides (if used) will follow manufacturer recommendations to prevent loss of chemical to stormwater.
- **Concrete and Grout:** Wash water and slurry from concrete work will be managed using BMP C151 and C154. Designated washout areas will be established and maintained.
- **Sawcutting and Surfacing:** Process water and slurry will be contained and prevented from entering storm drains using BMP C152.
- **Demolition Activities:** Dust from demolition will be controlled using BMP C140 (dust suppression). Storm drain inlets near demolition will be protected (BMP C220).
- **Sanitary Wastewater:** Portable sanitation facilities will be secured, maintained, and emptied regularly to prevent leakage.
- **Solid Waste:** Solid waste will be collected in secure containers and removed regularly to maintain a clean worksite.
- **Process Water:** Wheel wash water (BMP C106) and other process waters will be discharged only to approved on-site treatment systems or sanitary sewer connections, never directly to storm drains or surface waters.

If additional pollutant control measures are required, the CESCL will implement contingency BMPs such as stormwater filtration (BMP C251) or high pH water management (BMP C252).

All pollutant control BMPs will be inspected weekly and after each storm event. Repairs or replacements will be performed immediately if deficiencies are observed. Alternative BMPs are included in Appendix C, and the CESCL has authority to implement them as needed to maintain compliance with the CSWGP.

3.1.10 Element 10 – Control Dewatering

Dewatering is anticipated in localized areas where trench bottoms or structure excavations intersect groundwater or collect stormwater. Dewatering BMPs will be implemented as needed to ensure water discharged from dewatering activities is treated prior to release.

Discharge from dewatering operations shall not cause erosion or sediment transport. All turbid water will be directed to treatment measures such as sediment bags, tanks, or vegetated areas for infiltration prior to leaving the site.

Table 3-10. BMPs for Dewatering

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
BMP C206	Water Quality Protection for Dewatering	Standard practices for dewatering excavations, ensuring discharge is free of sediment.
BMP C207	Check Dams	Used in temporary ditches or swales receiving dewatering discharges to slow velocity and settle sediment.
BMP C220	Storm Drain Inlet Protection	Installed at downstream inlets that may receive pumped discharge to prevent entry of sediment-laden water.

Table 3-10. BMPs for Dewatering (continued)

BMP No. / WSDOT Ref.	BMP Name	Installation Location (per TESC Plans) or Potential Use
WSDOT 5-01.1(43)	Temporary Containment / Mobile Storage Tanks	Used to hold dewatering water for treatment or settling before controlled discharge.
Sediment Bags	Dewatering Bags (field practice)	Used at discharge points to filter sediment before water leaves the site.
Contingency BMPs - Installed only if directed by CESCL		
BMP C240	Temporary Sediment Trap	Could be constructed at low points to hold and settle pumped water prior to discharge.
BMP C241	Temporary Sediment Pond	Could be used if large volumes of groundwater or stormwater require additional storage and treatment.
BMP C252	High pH Water Management	Could be applied if concrete-related dewatering produces water with elevated pH.
Vegetated Discharge	Field practice	Where feasible, small volumes of pumped water may be directed to level vegetated areas for infiltration and natural filtration.

Localized dewatering may occur during excavation for utilities, foundations, or storm conveyance systems where groundwater is present. Dewatering BMPs will be used to remove suspended solids from pumped water prior to discharge. Options include directing water through dewatering bags, pumping to temporary tanks, or discharging to vegetated infiltration areas.

Discharge points will be located and stabilized to prevent erosion. Where possible, dewatering water will be infiltrated into vegetated areas. If direct discharge to storm drains or surface waters is unavoidable, pretreatment (sediment bags, tanks, or traps) will be used to meet permit requirements.

All dewatering discharges will be visually monitored for turbidity and sheen. If water appears turbid, the CESCL will require additional treatment such as sediment ponds or portable filtration systems. If concrete-related dewatering occurs, BMP C252 (high pH water management) will be implemented to ensure compliance with water quality standards.

The CESCL will prepare or approve a dewatering plan prior to initiation of dewatering activities. The plan will identify discharge locations, treatment methods, and monitoring procedures. The CESCL will have authority to implement contingency BMPs immediately if required to maintain compliance with the CSWGP. The dewatering plan will be included in Appendix D.

3.1.11 Element 11 – Maintain BMPs

All temporary and permanent erosion and sediment control BMPs shall be maintained and repaired as needed to ensure continued performance throughout the construction period. BMPs must remain functional at all times, especially during storm events.

The CESCL will inspect all BMPs weekly and within 24 hours after every storm event. Sediment shall be removed when accumulation reaches one-third the height of silt fences, inlet protection, or wattles, and one-half the height of check dams. Damaged BMPs (e.g., torn silt fence fabric, displaced wattles, undermined check dams, clogged inlet protection) will be repaired or replaced immediately.

Street cleaning will occur regularly to remove sediment deposited on paved roads adjacent to the site. Cleaning will be conducted by mechanical sweepers or manual methods as needed to minimize re-entrainment of sediment during storm events.

If standard BMP maintenance is insufficient to control erosion or sediment transport, the CESCL will implement contingency measures (e.g., installing additional BMPs, upgrading controls, or modifying maintenance frequency).

Detailed maintenance procedures for each BMP are provided in Appendix C.

3.1.12 Element 12 – Manage the Project

Construction activities shall be managed to ensure that BMPs are implemented, inspected, and maintained in compliance with the CSWGP. The CESCL will be responsible for coordinating erosion and sediment control efforts and ensuring that BMPs remain effective throughout the project.

The following project management measures will be implemented:

- **Sequencing of Work:** Land-disturbing activities will be sequenced to minimize the area and duration of exposed soil. Clearing, grading, and excavation will be limited to the smallest practicable area at any given time.
- **Seasonal Work Limitations:** Construction activities will be planned to take into account seasonal weather patterns and limitations, phasing work to avoid exposing large soil areas during the wet season.
- **Progressive BMP Installation:** Exposed soils will be stabilized and sediment control BMPs will be installed as construction proceeds, not left until later phases, to ensure that disturbed areas are continuously protected.
- **West of the Cascade Mountain Crest Requirement:** Because this project is located west of the Cascade Mountain Crest, soils must be stabilized within 7 days during the dry season (May 1–September 30) and within 2 days during the wet season (October 1–April 30), or sooner if precipitation is forecast. Construction scheduling and phasing will be managed accordingly.
- **CESCL Oversight:** A Certified Erosion and Sediment Control Lead will be on-site or on-call at all times during construction. The CESCL will inspect BMPs weekly and within 24 hours after each storm event, direct corrective actions, and document compliance.
- **Contractor Coordination:** Contractors and subcontractors will be informed of SWPPP requirements, BMP locations, and maintenance responsibilities. All construction personnel will receive training on proper erosion and sediment control practices.
- **Record Keeping:** Inspection and maintenance reports will be completed by the CESCL and kept on-site with the SWPPP. Records will be made available to Ecology or other regulatory agencies upon request.
- **Contingency Planning:** If BMPs are found to be ineffective, the CESCL has authority to order immediate corrective actions, install contingency BMPs, and modify construction sequencing to maintain compliance.
- **SWPPP Updates:** The SWPPP will be updated whenever there is a change in design, construction, operation, or maintenance that significantly affects the potential for pollutant discharge.

Detailed BMP implementation procedures are provided in Appendix C.

3.1.13 Element 13 – Protect Low Impact Development BMPs

All LID facilities constructed as part of this project will be protected from sedimentation and compaction during construction. These facilities may include bioretention cells, permeable pavement, infiltration trenches, or other stormwater practices designed to promote infiltration.

The following project management measures will be implemented to protect LID BMPs:

- Construction traffic will be routed away from LID facilities. Heavy equipment will not be permitted to cross or stage within designated LID areas.
- LID BMPs will be clearly marked on the plans and in the field to prevent accidental disturbance during construction.
- Runoff from disturbed areas will be diverted away from LID BMPs until all contributing areas are fully stabilized.
- Temporary erosion and sediment control BMPs will be installed around the perimeter of LID facilities to prevent sediment-laden water from entering.
- Permeable pavement areas will be protected from stockpiling, storage, and staging activities. Protective cover will be placed until construction activities are complete.
- If sediment enters an LID facility, the CESCL will direct cleanup activities such as vacuuming permeable pavement or removing/replacing bioretention media.
- The CESCL will regularly inspect LID BMPs to ensure they are not compromised during construction.

LID facilities will be placed in service only after the contributing drainage areas are permanently stabilized. If LID BMPs are damaged or rendered ineffective during construction, the CESCL will require corrective measures to restore their function before the project is completed.

3.2 Site-Specific BMPs (City of Marysville Project Area)

The erosion and sediment control BMPs listed in Section 3.1 provide the full set of measures available under the CSWGP. From that toolbox, specific BMPs have been selected for use on this project based on site conditions, drainage characteristics, and proximity to sensitive receiving waters, including Quilceda Creek and Ebey Slough.

The following subsections describe the site-specific BMPs to be implemented within Marysville project areas at 4th Street and 88th Street NE corridors. These BMPs are shown on the TESC Plans (Appendix C) and will be installed, inspected, and maintained in accordance with the CSWGP.

3.2.1 4th Street Corridor

This corridor includes TDA 3 and TDA 4, which discharge to Ebey Slough. Construction activities include grading, storm drain installation, retaining walls, paving, and landscaping. Special emphasis is placed on perimeter controls, inlet protection, and temporary treatment tanks to prevent impacts to downstream waters.

Table 3-11. BMPs for 4th Street Corridor

BMP No. / WSDOT Ref.	BMP Name	Site-Specific Location / Notes
BMP No. / WSDOT Ref.	BMP Name	Site-Specific Location
BMP C103	High Visibility Fence	At clearing and grubbing limits and wetland/creek buffers.
BMP C231	High Visibility Silt Fence	At perimeter locations requiring visibility and sediment control.
WSDOT 8-01.3(11)	Tree Protection Fence	At drip lines of protected trees.
BMP C105 / WSDOT 8-01.3(8)	Stabilized Construction Entrance	At ingress/egress points on 4th Street.
BMP C220	Inlet Protection	At storm drain inlets in work area.
BMP C233	Silt Fence	At downslope perimeters draining toward Ebey Slough.
BMP C235	Wattles	On slopes and ditch lines.
BMP C239	Compost Socks	Along slope contours.
BMP C207	Check Dams	In temporary roadside ditches.
BMP C204	Temporary Pipe Slope Drain	To convey runoff around active work areas.
WSDOT 5-01.1(43)	Temporary Stormwater Treatment Tanks	In staging areas.
WSDOT 5-01.1(49)	Water Pumps	Used with treatment tanks.

3.2.2 88th Street NE Corridor

This corridor includes TDA 8, TDA 9, and TDA 10, which discharge to Quilceda Creek or infiltrate on-site. Construction activities include grading, drainage improvements, bridge replacement, paving, and signage. BMPs focus on stabilized construction access, inlet protection, and slope controls.

Table 3-12. BMPs for 88th Street NE Corridor

BMP No. / WSDOT Ref.	BMP Name	Site-Specific Location / Notes
BMP C103	High Visibility Fence	At clearing and grubbing limits.
BMP C231	High Visibility Silt Fence	At clearing limits near sensitive areas.
BMP C105 / WSDOT 8-01.3(8)	Stabilized Construction Entrance	At ramp ingress/egress points.
BMP C220	Inlet Protection	At existing and new storm drain inlets.
BMP C233	Silt Fence	At downslope perimeters draining toward Quilceda Creek.
BMP C235	Wattles	On slopes and ditches.
BMP C239	Compost Socks	On slopes requiring extra flow dissipation.
BMP C207	Check Dams	In roadside ditches.
WSDOT 8-01.3(8)	Street Cleaning	On paved roads near ramp access points.

3.2.3 Implementation and Oversight

All BMPs listed above are specific to the portions of the 4th Street and 88th Street corridor improvements located within the Marysville project limits. BMPs will be installed prior to or concurrent with land-disturbing activities, as shown on the TESC Plans (Appendix C). The CESCL will

verify installation, inspect BMPs weekly and within 24 hours of storm events, and direct repairs or maintenance as needed.

Temporary BMPs (silt fence, wattles, check dams, compost socks, inlet protection) will remain in place until the contributing areas are permanently stabilized. Treatment tanks and pumps will remain operational until permanent stormwater facilities are installed and approved for use.

4. Construction Phasing and BMP Implementation

4.1 CESCL and Inspection Responsibilities

A CESCL will be designated for this project. The CESCL will be on-site or on-call at all times during construction and will be responsible for:

- Inspecting BMPs at least once every calendar week and within 24 hours of any discharge from the site, in accordance with the CSWGP.
- Directing maintenance or corrective actions immediately when BMPs are ineffective, damaged, or not functioning as intended.
- Ensuring that BMPs are maintained in accordance with the CSWGP and Ecology's SWMMWW.
- Documenting inspections and corrective actions in inspection reports.
- Keeping inspection reports on-site with the SWPPP and making them available to Ecology upon request.

4.2 Inspection Reports

Inspection reports will include, at a minimum:

- Date and time of inspection.
- Weather conditions at the time of inspection and approximate rainfall since the last inspection.
- Condition of erosion and sediment control BMPs, including any deficiencies.
- Areas of active work, disturbed soils, and stabilization progress.
- Corrective actions required and timeframe for implementation.
- Name, signature, and certification of the CESCL conducting the inspection.

Reports will be retained on-site for at least three years after project completion.

4.3 Maintenance and Corrective Action

- Sediment shall be removed when accumulation reaches one-third the height of silt fence, wattles, or inlet protection BMPs, and one-half the height of check dams.
- Damaged BMPs will be repaired or replaced immediately.
- Additional or alternative BMPs will be installed at the direction of the CESCL if existing measures are not effective.
- Streets will be swept as needed to remove sediment tracked onto paved surfaces.
- Stabilization measures will be applied immediately if inspection indicates risk of erosion or noncompliance.

4.4 Construction Schedule

The BMP implementation schedule will be driven by the construction schedule. Tables 4-1 and 4-2 provide a sequential list of anticipated construction milestones and the corresponding BMP implementation schedule. The tables include key milestones such as the transition between wet season and dry season construction.

For this project, the dry season is considered May 1 through September 30, and the wet season is considered October 1 through April 30. The BMP implementation schedule is keyed to the proposed construction phases and reflects differences in BMP installations and inspections that apply to wet season work.

The construction schedule and BMP implementation may be revised once turnover to the contractor is complete and construction activities begin.

The construction and BMP implementation schedules shown in Tables 4-1 and 4-2 are taken directly from the project TESC plans and reflect the entire WSDOT corridor project. The SWPPP requirements in Sections 3.1 and 3.2 identify the subset of BMPs that are specific to the City of Marysville project areas (4th Street and 88th Street).

Table 4-1. 4th Street Corridor Construction and BMP Implementation Schedule

Construction Activity / Milestone	BMP Implementation and Maintenance Action	Anticipated Timeframe
Phase 1 – Site preparation and initial controls	Install high-visibility fence, tree protection, silt fence, wattles, stabilized entrances, inlet protection; establish staging area; initial TESC installation; begin infiltration trench and stormwater treatment vault construction	August 2026 – December 2026
Phase 2 – Drainage and vault continuation	Maintain perimeter BMPs; continue paving, grading, drainage, and stormwater treatment vault construction	December 2026 – January 2027
Phase 3 – Roadway and wall construction	Maintain TESC; paving, grading, drainage; wall construction	January 2027 – November 2027
Phase 4 – I-5 dual bridge segment	Maintain BMPs; paving, grading, drainage including portion of 4th Street under the I-5 dual bridges	November 2027 – January 2028
Phase 5 – Bioretention installation	Maintain TESC; paving, grading, drainage; construct bioretention area	January 2028 – March 2028
Phase 6 – Final drainage	Maintain BMPs; paving, grading, final drainage tie-ins	March 2028 – April 2028
Phase 7 – Final paving	Maintain TESC; finish paving and grading	April 2028 – June 2028
Final restoration	Remove temporary BMPs; roadside restoration and landscaping	October 2028

Table 4-2. 88th Street NE Corridor Construction and BMP Implementation Schedule

Construction Activity / Milestone	BMP Implementation and Maintenance Action	Anticipated Timeframe
Phase 1 – Site preparation and initial controls	Install high-visibility fence, silt fence, wattles, stabilized entrances, inlet protection; establish staging area; initial TESC installation	August 2026 – December 2026
Phase 2 – Drainage and vault installation	Maintain perimeter BMPs; continue paving, grading, drainage, stormwater treatment vault and infiltration vault construction	December 2026 – January 2027
Phase 3 – Bridge/culvert replacement and grading	Maintain TESC; paving, grading, drainage; begin bridge/culvert replacement at Coho Creek; ramp utility modifications	January 2027 – November 2027
Phase 4 – Roadway and intersection work	Maintain BMPs; paving, grading, drainage; construct new roundabout intersections and ramp tie-ins	November 2027 – January 2028
Phase 5 – Bioretention and final drainage	Maintain TESC; paving, grading, drainage; bioretention area construction	January 2028 – March 2028
Phase 6 – Final drainage	Maintain BMPs; paving, grading, final drainage tie-ins	March 2028 – April 2028
Phase 7 – Final paving	Maintain TESC; finish paving and grading	April 2028 – June 2028
Final restoration	Remove temporary BMPs; roadside restoration and landscaping	October 2028

The construction and BMP implementation schedule described above is consistent with the staging plans shown on the project TESC sheets (SU-series). Reviewers should refer to those sheets for detailed phasing graphics and plan notes that accompany the schedule.

5. Spill Prevention Control and Countermeasure

In accordance with the CSWGP Special Condition S9, the WSDOT Standard Specification 1-07.15, and the WSDOT TESC Manual, an SPCC Plan is required on all projects to prevent and minimize spills that may contaminate soil or nearby waters of the state. The contractor will prepare the SPCC Plan and submit the plan to the Project Engineer to be reviewed and accepted before starting on-site construction activities.

5.1 Pollution Prevention Team

In accordance with WSDOT Standard Specification 1-07.15(1), responsible personnel must be identified in the SPCC Plan. The contractor will identify the names, titles, and contact information for the personnel responsible for implementing and updating the plan and for responding to spills in the SPCC Plan.

Potential sources of spills and pollutants on this project include fuels, oils, lubricants, concrete wash water, sanitary waste, and other chemicals used or stored on site. These materials will be handled and stored in accordance with manufacturer recommendations and Ecology requirements to minimize the risk of spills.

5.1.1 Roles and Responsibilities

The pollution prevention team consists of personnel responsible for implementation of the SWPPP, including the following:

- CESCL – primary contractor contact responsible for site inspections (BMPs, visual monitoring, sampling, etc.) and for responding to failures of any erosion and sediment control measures. Notify Ecology immediately via ERTS (1-800-258-5990) for any spill to waters of the state or a reportable quantity.
- Emergency Ecology contact – ERTS hotline 1-800-258-5990 (24/7 emergency reporting). Use for any spill to waters of the state or reportable quantity. For non-emergency coordination, contact the Ecology Project Manager.
- Emergency Owner contact – individual that is the site owner or representative of the site owner to be contacted in case of an emergency.
- Non-Emergency Ecology contact – Ecology Project Manager (non-emergency) for permit compliance coordination.
- Monitoring personnel – responsible for conducting water quality monitoring and typically also serving as the CESCL on most sites.

5.1.2 Team Members

Names and contact information for those identified as members of the pollution prevention team are provided in Table 5-1.

Table 5-1. Pollution Prevention Team Contact Information

Title	Name(s)	Telephone Number
Certified Erosion and Sediment Control Lead	TBD	
Emergency Ecology Contact	Northwest Regional Office	1-800-258-5990 (Primary) 425-649-7000 (Secondary)
Emergency Owner Contact	Debra Bray	206-263-7281
Non-Emergency Ecology Contact	Shawn Hopkins	360-407-6442
Monitoring Personnel	TBD	

6. Site Inspections and Monitoring

Monitoring includes visual inspection, monitoring for water quality parameters of concern, documenting the inspection and monitoring findings in a site logbook. A site logbook will be maintained for all on-site construction activities and will include the following documentation:

- A record of the implementation of the SWPPP and other permit requirements.
- Site inspections.
- Stormwater quality monitoring.

For convenience, an example inspection and water quality monitoring form is provided in Appendix E. This SWPPP may function as the site logbook if desired, or the forms may be separated and included in a separate site logbook. However, if separated, the site logbook must be maintained on-site or within reasonable access to the site and be made available upon request to Ecology or the local jurisdiction.

6.1 Site Inspection

All BMPs will be inspected, maintained, and repaired as needed to ensure continued performance of their intended function. The inspector will be a CESCL in accordance with BMP C160. The name and contact information for the CESCL is provided in Sections 1 and 5.

Site inspection will occur in all areas disturbed by construction activities and at all stormwater discharge points. Stormwater will be examined for the presence of suspended sediment, turbidity, discoloration, and oily sheen. The site inspector will evaluate and document the effectiveness of the installed BMPs and determine whether it is necessary to repair or replace any of the BMPs to improve the quality of stormwater discharges. All maintenance and repairs will be documented in the site logbook or forms provided in this document. All new BMPs or design changes will be documented in the SWPPP as soon as possible.

6.1.1 Site Inspection Frequency

Site inspections will be conducted at least once every calendar week and within 24 hours of any discharge from the site. For inactive sites with temporary stabilization measures in place, the site inspection frequency may be reduced to once every calendar month in accordance with the CSWGP. For sites with temporary stabilization measures, the site inspection frequency can be reduced to once every month.

6.1.2 Site Inspection Documentation

The site inspector will record each site inspection using the site log inspection form provided in Appendix E or alternate form that meets the requirements of the CSWGP. The site inspection log forms may be separated from this SWPPP document but will be maintained on-site or within reasonable access to the site and be made available upon request to Ecology or the local jurisdiction.

6.2 Stormwater Quality Monitoring

6.2.1 4th Street Corridor

In accordance with Special Condition S4 Table 3 of the CSWGP, the primary monitoring requirements for this project include weekly site inspections and sampling with either a transparency tube or turbidity meter at least weekly and within 24 hours of any discharge from the site. Weekly monitoring of pH is required. Monitoring shall be completed by a CESCL. Refer to permit Special Condition S4 for turbidity and pH sampling requirements. Monitoring locations are shown in the TESC Plan in Appendix C. Monitoring requirements are summarized in Table 6-1 and Table 6-2. For discharges to impaired waterbodies, turbidity sampling and response actions shall also comply with CSWGP Special Condition S8.C, as applicable. The turbidity limit is 25 NTUs, and sampling shall be conducted at the identified discharge/sampling points when discharge occurs.

Table 6-1. Summary of Primary Monitoring Requirements

Size of Soil Disturbance	Weekly Site Inspections	Weekly Sampling with Turbidity Meter	Weekly Sampling with Transparency Tube	Weekly pH Sampling	CESCL Required for inspections
2.02 acres (≤ 5 acres)	Required	Sampling required – either method	Required	Yes	Not required

The disturbed project area is < 5 acres; therefore, the contractor may sample turbidity with either a meter or transparency tube in accordance with Special S4 Table 3 of the CSWGP.

Table 6-2. Summary of Primary Stormwater Quality Monitoring Requirements

Parameter	Unit	Analytical Method	Sampling Frequency	Benchmark Value
pH	Standard Units (su)	Meter/paper	Weekly, if discharging	6.5 – 8.5
Turbidity	NTU	SM2130	Weekly, if discharging	25 NTUs
Turbidity	cm	Manufacturer instructions, or Ecology guidance	Weekly, if discharging	33 cm

Notes: cm = centimeter(s); NTU = Nephelometric Turbidity Unit.

The disturbed project area is < 5 acres; therefore, the contractor may sample turbidity with either a meter or transparency tube in accordance with Special S4 Table 3 of the CSWGP.

6.2.2 88th Street NE Corridor

In accordance with Special Condition S4 Table 3 of the CSWGP, the primary monitoring requirements for this project include weekly site inspections and sampling with either a transparency tube or turbidity meter at least weekly and within 24 hours of any discharge from the site. Weekly monitoring of pH is required. Monitoring shall be completed by a CESCL. Refer to permit Special Condition S4 for turbidity and pH sampling requirements. Monitoring locations are shown in the TESC Plan in Appendix C. Monitoring requirements are summarized in Table 6-3 and Table 6-4. For discharges to impaired waterbodies, turbidity sampling and response actions shall also comply with CSWGP Special Condition S8.C, as applicable. The turbidity limit is 25 NTUs, and sampling shall be conducted at the identified discharge/sampling points when discharge occurs.

Table 6-3. Summary of Primary Monitoring Requirements

Size of Soil Disturbance	Weekly Site Inspections	Weekly Sampling with Turbidity Meter	Weekly Sampling with Transparency Tube	Weekly pH Sampling	CESCL Required for inspections
2.66 acres (≤ 5 acres)	Required	Sampling required – either method		Required	Yes

The disturbed project area is < 5 acres; therefore, the contractor may sample turbidity with either a meter or transparency tube in accordance with Special S4 Table 3 of the CSWGP.

Table 6-4. Summary of Primary Stormwater Quality Monitoring Requirements

Parameter	Unit	Analytical Method	Sampling Frequency	Benchmark Value
pH	Standard Units (su)	Meter/paper	Weekly, if discharging	6.5 – 8.5
Turbidity	NTU	SM2130	Weekly, if discharging	25 NTUs
Turbidity	cm	Manufacturer instructions, or Ecology guidance	Weekly, if discharging	33 cm

Notes: cm = centimeter(s); NTU = Nephelometric Turbidity Unit.

The disturbed project area is < 5 acres; therefore, the contractor may sample turbidity with either a meter or transparency tube in accordance with Special S4 Table 3 of the CSWGP.

7. Reporting and Recordkeeping

7.1 Recordkeeping

7.1.1 Site Logbook

A site logbook will be maintained for all on-site construction activities and will include the following documentation:

- A record of the implementation of the SWPPP and other permit requirements.
- Site inspections.
- Stormwater quality monitoring.

For convenience, the site inspection form and water quality monitoring forms included in this SWPPP include the required information for the site logbook.

7.1.2 Records Retention

Records of all monitoring information, including the site logbook, sampling results, inspection reports/checklists, this SWPPP, the permit coverage letter, transfer of coverage documentation, and any other documentation of compliance with permit requirements will be retained during the life of the construction project and for a minimum of 5 years following termination of permit coverage.

7.1.3 Access to Plans and Records

The SWPPP, CSWGP, Notice of Authorization letter, and site logbook will be retained on-site or within reasonable access to the site and will be made immediately available upon request to Ecology or the local jurisdiction. A copy of this SWPPP will be provided to Ecology within 14 days of receipt of a written request for the SWPPP from Ecology. Any other information requested by Ecology will be submitted within a reasonable time. A copy of the SWPPP or access to the SWPPP will be provided to the public when requested in writing in accordance with Special Condition S5.G.

7.1.4 SWPPP Modification

In accordance with Conditions S4.B and S9.B.2 of the CSWGP, this SWPPP will be modified if the SWPPP is ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the site or if there has been a change in design, construction, operation, or maintenance at the site that has a significant effect on the discharge, or potential for discharge, of pollutants to the waters of the state. The SWPPP will be modified within 7 days of determination based on inspection(s) that additional or modified BMPs are necessary to correct problems identified. In addition, an updated timeline for BMP implementation will be prepared.

7.2 Reporting

7.2.1 Discharge Monitoring Reports

Water quality sampling results will be submitted monthly using Ecology's electronic discharge monitoring report (WebDMR) program in accordance with permit condition S5.B. If there was no discharge during a given monitoring period, the DMR will be submitted with the words "no discharge" entered in place of the monitoring results. If a benchmark was exceeded, a brief summary of inspection results and remedial actions taken will be included. If sampling could not be performed during a monitoring period, a DMR will be submitted with an explanation of why sampling could not be performed.

Permittees must submit DMR forms to be received by Ecology within 15 days following the end of each month.

7.2.2 Notification of Noncompliance

If any of the terms and conditions of the permit are not met and it causes a threat to human health or the environment, the following steps will be taken in accordance with permit section S5.F:

1. Ecology will be immediately notified of the failure to comply.
2. Immediate action will be taken to control the noncompliance issue and correct the problem. If applicable, sampling and analysis of any noncompliance will be repeated immediately and the results submitted to Ecology within 5 days of becoming aware of the violation.
3. A detailed written report describing the noncompliance will be submitted to Ecology within 5 days, unless requested earlier by Ecology.

Any time turbidity sampling indicates turbidity is 250 nephelometric turbidity units or greater, or a numeric effluent limit is exceeded, the Environmental Report Tracking System for the Ecology regional office will be called within 24 hours, in accordance with Special Condition S5.F (see Section 5 of this SWPPP for contact information).

7.2.3 Permit Application and Changes

In accordance with Special Condition S2.A, a complete application form will be submitted to Ecology and the appropriate local jurisdiction (if applicable) to be covered by the CSWGP.

In accordance with Special Condition S2.A.2, the permittee may transfer current coverage to one or more new operators provided:

- The Permittee submits a complete Transfer of Coverage Form to Ecology, signed by the current and new discharger and containing a specific date for transfer of permit responsibility, coverage and liability (including any Administrative Orders associated with the permit).
- Ecology does not notify the current discharger and new discharger of intent to revoke coverage under the general permit. If this notice is not given, the transfer is effective on the date specified in the written agreement.

Any changes in the permittee's mailing address, on-site contact information, and/or changes to the area/acreage affected by construction activity will be documented and submitted to Ecology in accordance with Special Condition S.2.A.3.

8. References

Ecology (Washington State Department of Ecology). 2024. Stormwater Management Manual for Western Washington. Publication Number 24-10-013. July.

HWA (HWA Geosciences Inc.). 2025 (in preparation). Final Geotechnical Report I -5/4th Street and 88th Street NE Corridor Improvements Tulalip, Washington. Prepared for Parametrix by HWA, Bothell, WA.

Parametrix (Parametrix, Inc.). 2023. I-5/4th Street and 88th Street NE Corridor Improvements Hazardous Materials Discipline Report, Seattle, WA.

Appendix A

Construction Stormwater General Permit & Documentation

Construction Stormwater General Permit Reference

I-5/4th Street and 88th Street NE Corridor Improvements

Permit Document: Washington State Department of Ecology 2026 Construction Stormwater General Permit with Errata

Effective Date: January 1, 2026

Expiration Date: December 31, 2030

Online Permit Link:

https://fortress.wa.gov/ecy/ezshare/wq/permits/CSWGP_2026_FinalPermitwithErrata.pdf

Ecology Construction Stormwater Permit Webpage:

<https://ecology.wa.gov/regulations-permits/permits-certifications/stormwater-general-permits/construction-stormwater-permit>

Note

The Construction Stormwater General Permit is incorporated into this SWPPP by reference and is not reproduced in full in this appendix. The Contractor/Permittee shall maintain access to the current effective permit, including any applicable errata or updates, either electronically or in hard copy, with the SWPPP during construction.

The Contractor/Permittee is responsible for complying with all applicable permit conditions, permit coverage requirements, SWPPP implementation requirements, inspection and monitoring requirements, reporting requirements, and recordkeeping requirements.

The current permit and related Ecology forms are available from Ecology at the links above.



Construction Stormwater General Permit Proposed New Discharge to an Impaired Waterbody

Ecology will not issue coverage under the Construction Stormwater General Permit (CSWGP) for new discharges to an impaired water body if the discharge will cause or contribute to a violation of water quality standards.

For Ecology to determine whether permit coverage is appropriate, and to assign appropriate monitoring limits to the discharge, the site operator (Permittee) must:

- Complete and sign this form.
- Attach the relevant portions of the site's Stormwater Pollution Prevention Plan (SWPPP) and, if necessary, attach related data and documentation.
- Email a copy of the completed form and attachments to ecyrewqiano@ecy.wa.gov and mail us the signed original form.

Part 1. Site Information

1a. Site or Project Name: I-5/4th Street and 88th Street NE Corridor Improvement Project

1b. Site Address or Location Description: I-5/4th Street and 88th Street NE

City: Marysville

County: Snohomish

1c. Impaired Water Body: Quilceda Creek

1d. Impairment:

☐ pH ☐ Fine Sediment ☐ Turbidity ☐ Phosphorus ☒ Other: Dissolved Oxygen

Part 2. Discharge Certification*

Select the one option below that most clearly applies to your site. The option must be true for all pollutants for which the water body is impaired. If any pollutant does not meet 2a or 2b, you must complete 2c. **You must submit the relevant portions of the SWPPP (Stormwater Pollution Prevention Plan) that support the chosen option.** If you have not yet developed the SWPPP, submit relevant documentation to be included in the SWPPP to justify the chosen option. See Section S8 of the CSWGP for sampling requirements applicable to discharges to impaired waterbodies.

Go to www.ecology.wa.gov/constructionstormwaterpermit to download the SWPPP template.

***If none of the options apply to your site, your site will not be eligible for coverage under the permit.**

☐ 2a. The pollutant(s) of concern is/are not on site. I have attached part of the SWPPP that states that this/these pollutant(s) will not be on site. Note: this option typically only applies to pH impairments.

☐ 2b. The pollutant(s) of concern is/are on site but stormwater will not come into contact with the pollutant(s). I have attached part of the SWPPP that states how best management practices will be used to prevent stormwater from transporting pollutants.

☒ 2c. The pollutant(s) of concern is/are on site, will be exposed to stormwater, and may be discharged off site. I have attached part of the SWPPP that states how best management practices will be used in order to meet the in-stream water quality criteria for the receiving water body.

Part 3. Signature

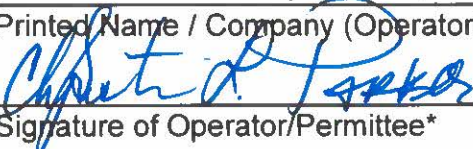
3a. *"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Christina Parker, Tulalip Tribes

Roads and Transportation Manager

Printed Name / Company (Operator/Permittee only)

Title


Signature of Operator/Permittee*

7/07/2026
Date

* Signature of Operator/Permittee requirements:

- A. For a corporation: by a responsible corporate officer.
- B. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- C. For a municipality, state, federal, or other public facility: by either a principal executive officer or ranking elected official.

Please sign and email a copy of the completed form and attachments to ecyrewqiano@ecy.wa.gov, then mail this **ORIGINAL** document to the following address:

Department of Ecology
Attn: Water Quality Program, Construction Stormwater
PO Box 47696
Olympia, WA 98504-7696

If you have questions, please contact the appropriate permit administrator based on project location. Contact information can be found at: <https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Construction-stormwater-permit#contact>.

To request ADA accommodation including materials in a format for the visually impaired, call the Water Quality Program at 360-407-6600 or visit <https://ecology.wa.gov/accessibility>. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TYY at 877-833-6341.

Directions for Completing the Impaired (303(d)-List) Water Body New Discharger Form

Part 1

1a and 1b: Provide site information. This site information must be identical to that on your Notice of Intent (NOI) application form to obtain coverage under the Construction Stormwater General Permit.

1c: Write the name of the 303(d)-listed water body segment(s) to which your site drains or discharges into. Visit <https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d> for more info.

1d: List pollutants (for example, turbidity, fine sediment, phosphorus, etc.) for which the 303(d)-listed water body is impaired. Visit: www.ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Total-Maximum-Daily-Load-process for more info.

Part 2

If your site may discharge to a 303(d)-listed (Category 4 or 5) water body segment, you are required to select one of the three options (2a, 2b, or 2c) most appropriate to your site's situation in order to be eligible for coverage under the permit. Attach to this form excerpts from your SWPPP stating how you will address the impairment at the site. This should include a brief narrative of pollution control methods, sampling protocols etc. See Section S8 of the CSWGP for sampling requirements applicable to discharges to impaired waterbodies.

Option 2a: Choose this option if the pollutant(s) or source of pollutant(s) which may further impact the impairment is/are not present on the site. If the water body is impaired for more than one pollutant, check this box only if NONE of the pollutants are present on site.

Example SWPPP narrative:

- The water body segment is impaired for pH, but there is no known source of pH-impacting material or highly alkaline soil present on the site, significant concrete work will not occur on the site, no recycled concrete or other alkaline material will be used or stored on the site.

Option 2b: Choose this option when stormwater will not be exposed to the pollutant(s) or source of pollutant(s), which may further impact the impairment, and the SWPPP details procedures taken to prevent exposure on site. This statement must be true for all pollutants for which the water body is impaired.

Please provide excerpts from the SWPPP describing the BMPs that will be used to address the impairment(s).

Example SWPPP narrative:

- The water body segment is impaired for phosphorus and high pH. Soil on the site contains phosphorus that may contribute to excessive plant growth, which in turn may cause high pH and low dissolved oxygen levels in water bodies. The SWPPP contains detailed plans to cover all exposed soils (with plastic sheeting, straw mulch, etc.) to prevent stormwater from conveying soil/sediment (and the attached phosphorus) into the water body. Soil stabilization and revegetation will not include the use of phosphorus-containing fertilizers, compost or other products that could cause excess phosphorus or other nutrients to be discharged. In addition, sediment control measures (traps, ponds, silt fence, wattles, etc.) will be installed and maintained to ensure that sediment-laden stormwater is not discharged during the construction activity.
- The waterbody is impaired for turbidity. A primary pollutant of construction stormwater and/or dewatering water is sediment, however, all exposed soils will be stabilized using hydroseed within the approved time period stated in S9.D.5.d of the CSWGP. Additionally, silt fence will be trenched in along the construction boundary to prevent any turbid discharges from leaving

the site. Section S8. of the CSWGP establishes the sampling thresholds for impaired waterbody discharges and exceeding the 25 NTU threshold is a violation of the permit.

- The water body is impaired for pH, and there will be significant concrete use onsite throughout the life of the project. However, any stormwater that comes into contact with pH-impacting material will be captured and contained onsite using a pump and holding tank. It will be monitored and treated for pH and will not be discharged from the site until within the acceptable range (6.5 to 8.5. su). If high pH stormwater comingles with any process water, it will be treated as process water and discharge to a Water of the State will be prevented.

Option 2c: Choose this option when you do not expect the discharge to cause or contribute to an exceedance of a water quality standard.

The conditions of **2c.i** apply for discharges to water bodies without a TMDL and require providing data and other technical information to demonstrate that the discharge will not cause or contribute to a violation of the water quality standards at the point of discharge. This would typically involve pre-construction water quality sampling, or other site-specific investigation(s). You should contact Ecology to discuss site-specific permit requirements. This option should only be pursued if Options 2a or 2b are not applicable to your site.

The conditions of **2c.ii** would only apply if your site discharges to a water body segment with an EPA-approved or EPA-established TMDL. If that is the case, contact your Ecology permit administrator – this person will help you determine whether there is sufficient remaining wasteload allocation based on the TMDL to allow additional construction stormwater discharges and still bring the water body into compliance with the water quality standards. You will need to provide data and other technical information to show that there is sufficient remaining wasteload allocation in the TMDL to allow the construction stormwater discharge.

Additionally, provide excerpts from the SWPPP describing the BMPs you will use to address the impairment(s).

Example SWPPP narrative:

- The receiving water body is impaired for turbidity and fine sediments. Mandatory BMPs (Best Management Practices) and erosion-control practices put in place by the permit will appropriately minimize the turbidity of the stormwater discharges. Phased clearing and grading will be used to limit the area of exposed or unstable soils during construction. Straw mulch will be placed on all exposed areas immediately following completion of grading activities. Erosion control blankets will be secured on all slopes post construction for increased soil stabilization. Additionally, retention ponds will be constructed immediately and will allow for suspended solids to settle out before stormwater is discharged.

Definitions

303(d) List: The term "303(d) list" is the list of impaired waters (stream/river segments, lakes, etc.) that the Clean Water Act requires all states to submit for EPA approval every two years in even-numbered years. The states identify all waters where required pollution controls are not sufficient to attain or maintain applicable water quality standards, and establish priorities for development of "total maximum daily loads," or TMDLs (water cleanup plans), based on the severity of the pollution and the sensitivity of the uses to be made of the waters, among other factors (40C.F.R. §130.7(b)(4)). States then provide a long-term plan for completing TMDLs within 8 to 13 years from first listing.

Impaired (303(d)-Listed) Water Body: Water bodies that do not meet water quality standards and are listed on the 303(d) list (see 303(d) List) <https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d>.

Stormwater Management Manuals (SWMMs) for Eastern and Western Washington: Find additional guidance including descriptions of and design criteria for BMPs to prevent, control, or treat pollutants in stormwater <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Stormwater-permittee-guidance-resources/Stormwater-manuals>.

SWPPP: Stormwater pollution prevention plan. The Permittee's SWPPP is required to be maintained and updated on site, and must support the site operator's efforts to implement best management practices (BMPs) to prevent erosion and sedimentation and to identify, reduce, eliminate or prevent stormwater contamination and water pollution from construction activity; to prevent violations of surface water quality, ground water quality, or sediment management standards; and to control peak volumetric flow rates and velocities of stormwater discharges. The SWPPP must include a narrative and drawings. The SWPPP narrative must include documentation to explain and justify the pollution prevention decisions made for the project. (All BMPs must be clearly referenced in the narrative and marked on the drawings.)

TMDL: The TMDL (Total Maximum Daily Load or water cleanup plan) calculates the maximum amount of a pollutant allowed to enter a water body so that the water body will meet water quality standards for that particular pollutant. www.ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Total-Maximum-Daily-Load-process.



Notice of Intent

Construction Stormwater General Permit

NOI Version: 1

Application Type: ☒ New ☐ Renewal

Permit Number:

Application Id: 56643

I. Contact Information

Permittee

Honorific: **First Name:** Christina **Last Name:** Parker
Organization Name: Tulalip Tribe **Title:**
Mailing Address: 6406 Marine Dr
City: Tulalip **State:** WA **Zip Code:** 98271-9775
Email: christinaparker@tulaliptribes-nsn.gov
Primary Phone: 360-716-5026 **Secondary Phone:**
UBI Number:

Site Contact

Honorific: **First Name:** Christina **Last Name:** Parker
Organization Name: Tulalip Tribe **Title:**
Mailing Address: 6406 Marine Dr
City: Tulalip **State:** WA **Zip Code:** 98271-9775
Email: christinaparker@tulaliptribes-nsn.gov
Primary Phone: 360-716-5026 **Secondary Phone:**
UBI Number:

Site Owner

Honorific: **First Name:** Christina **Last Name:** Parker
Organization Name: Tulalip Tribe **Title:**
Mailing Address: 6406 Marine Dr
City: Tulalip **State:** WA **Zip Code:** 98271-9775
Email: christinaparker@tulaliptribes-nsn.gov
Primary Phone: 360-716-5026 **Secondary Phone:**
UBI Number:

II. Electronic Discharge Monitoring Reporting

You must submit monthly discharge monitoring reports using Ecology's Electronic Discharge Monitoring Reporting (WQWebDMR) system. To sign up for WQWebDMR, or to register a new site, go to ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits, and click on the "Construction Stormwater" link. You will find information on WQWebDMR under the "WQWebDMR and PARIS" link on the right-hand side. If you are unable to submit your DMRs electronically, you may contact Ecology to request a waiver. Ecology will generally only grant waiver requests to those permittees without internet access. Only a permittee or representative, designated in writing, may request access to or a waiver from WQWebDMR. To have the ability to use the system immediately, you must submit the Electronic Signature Agreement with your application. If you have questions on this process, contact Ecology's WQWebDMR staff at WQWebPortal@ecy.wa.gov or 360-407-7097.

III. Site Information

Site Project Name: I-5/4th Street and 88th Street NE Corridor Improvements Project

Street Address or Location Description: The project is located primarily within the boundary of the Tulalip Tribal lands in Snohomish County, Washington, with a portion crossing into Marysville. The two interchanges that intersect with I-5 are at 4th Street (also known as State Route 528 and Marine Drive) and 88th Street NE.

City: Marysville

County: Snohomish

Zip Code: 98271

Latitude: 48.064231

Longitude: -122.185197

Type of Construction Activity:

- ☐ Residential
- ☐ Commercial
- ☐ Industrial
- ☒ Highway or Road (city, county, state)
- ☒ Utilities (specify):
- ☐ Other (specify):

Site Acreage

Total site/project size: 9.22 acres

Total disturbed area: 5.24 acres

Total area of soil disturbance for your site/project over the life of the project. Include grading, equipment staging, excavation, borrow pit, material storage areas, dump areas, haul roads, side-cast areas, off-site construction support areas, and all other soil disturbance acreage associated with the project.

Will 1,000 cubic yards or more of poured concrete or recycled concrete be used over the life of the project? ☒ Yes ☐ No

Estimated project start date: 5/18/2026

Estimated project completion date: 8/30/2030

Other Permits

None

IV. Existing Site Conditions

1. Are you aware of contaminated soils on this site? ☒ Yes ☐ No
2. Are you aware of groundwater contamination located within the site boundary? ☐ Yes ☒ No
3. If you answered yes to question 1 or 2, will any contaminated soils be disturbed or will any contaminated groundwater be discharged due to the proposed construction activity? ☒ Yes ☐ No

If yes, please provide detailed information (as known and readily available) on the nature and extent of the contamination (concentrations, locations, and depth) as well as pollution prevention and/or treatment Best Management Practices (BMPs) proposed to control the discharge of soil and/or groundwater contaminants in stormwater. This should include information that would be included in related portions of the Stormwater Pollution Prevention Plan (SWPPP) that describe how contaminated and potentially contaminated construction stormwater and dewatering water will be managed. You may attach this information separately, if needed

V. Stormwater Pollution Prevention Plan (SWPPP)

You must develop a SWPPP prior to starting construction. Do not submit your SWPPP with your application. If you answered yes to the questions in Part IV, please submit the information that would be included in related portions of the SWPPP that describe how contaminated and potentially contaminated construction stormwater and dewatering water will be managed.

VI. Best Management Practices (BMPs)

You must use the BMPs listed in the Stormwater Management Manual for Western Washington or the Stormwater Management Manual for Eastern Washington or other manuals approved by Ecology. Alternatively, you may use demonstrably equivalent BMPs on the basis of permit condition S9.C.4. If you intend to use a BMP at your site that is not included in these manuals, but that you believe meets the definition of a demonstrably equivalent BMP, you must notify the appropriate regional office. (See Definitions in the Construction Stormwater General Permit).*

<http://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Construction-stormwater-permit#contacts>

**Note that if you receive permit coverage without indicating the preference for a demonstrably equivalent BMP and later decide to use one, you must provide Ecology with notice of the selection of an equivalent BMP no less than 60 days before the intended use of the equivalent BMP.*

VII. Discharge/Receiving Water Information

If your project includes dewatering, you must include dewatering plans and discharge locations in your site Stormwater Pollution Prevention Plan.

Location of Discharge into Surface Waterbody

Outfall Number	Outfall Description	Surface Waterbody	Outfall Type	Latitude	Longitude
01	TDA 3 Outfall #1 - Ebey Slough	Ebey Slough	Surface Water Body	48.047687	-122.183866
02	TDA 4 Outfall #1 - Ebey Slough	Ebey Slough	Surface Water Body	48.048823	-122.179478
03	TDA 7 Outfall #1 - Quilceda Creek	Quilceda Creek	Surface Water Body	48.068332	-122.184317
04	TDA 8 Outfall #1 - Quilceda Creek	Quilceda Creek	Surface Water Body	48.075909	-122.178920
05	TDA 9 Outfall #1 - Infiltrates	Groundwater	Ground	48.075436	-122.183416
06	TDA 10 Outfall # 1 - Infiltrates	Groundwater	Ground	48.074941	-122.182439

VIII. State Environmental Policy Act (SEPA)

This Notice of Intent (NOI) is incomplete and cannot be approved until the applicable SEPA requirements under Chapter 197-11 WAC are met.

Who is the SEPA lead agency on your site? WSDOT

Has the SEPA lead agency issued a final decision on your checklist? ☒ Yes ☐ No ☐ Exempt

If No: The NOI is incomplete. Ecology will hold the application until a final SEPA decision is made or the Construction Stormwater NOI public comment period ends, whichever is later. **You must notify Ecology once the lead agency has issued a determination.**

If Yes: Type of SEPA decision issued: DNS

Date of final SEPA decision: 8/4/2023

Date when all SEPA-related comment & appeal periods ended or will end: 8/18/2023

If Exempt:

- ☐ Watershed Restoration & Fish Habitat Enhancement Exemption (RCW 43.21C.0382).
- ☐ Infill Development Exemption (RCW 43.21C.229).
- ☐ Planned Action Exemption (RCW 43.21C.031).
- ☐ Categorical Exemption. Under what section of the SEPA Rule (WAC 197-11-800) is it exempt?

Section: _____

IX. Public Notice

You must publish a public notice at least **once** a week for **two** consecutive weeks with **seven days** between publications, in at least a **single** newspaper of general circulation in the county in which the facility is located. Ecology cannot grant permit coverage sooner than the end of the 30-day public comment period, which begins on the date of the **second** public notice.

Newspaper Name	First Public Notice Date	Second Public Notice Date
Marysville - Marysville Globe	12/12/2025	12/19/2025

X. Site Map

Include the site map from your Stormwater Pollution Prevention Plan. Please do not provide large-scale site plans, copies should be on 11X17 paper or smaller.

XI. Certification of Permittees

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Permittee Signature

Date

Appendix B

Site Figures

- Figure 1. Vicinity Map
- Figure 2. Surface Water Bodies and Discharge Locations – 4th Street Corridor
- Figure 3. Existing Conditions – 4th Street Corridor
- Figure 4. Proposed Development – 4th Street Corridor
- Figure 5. Temporary Erosion and Sediment Control Measures – 4th Street Corridor
- Figure 6. Surface Water Bodies and Discharge Locations – 88th Street NE Corridor
- Figure 7. Existing Conditions – 88th Street NE Corridor
- Figure 8. Proposed Development – 88th Street NE Corridor
- Figure 9. Temporary Erosion and Sediment Control Measures - 88th Street NE Corridor

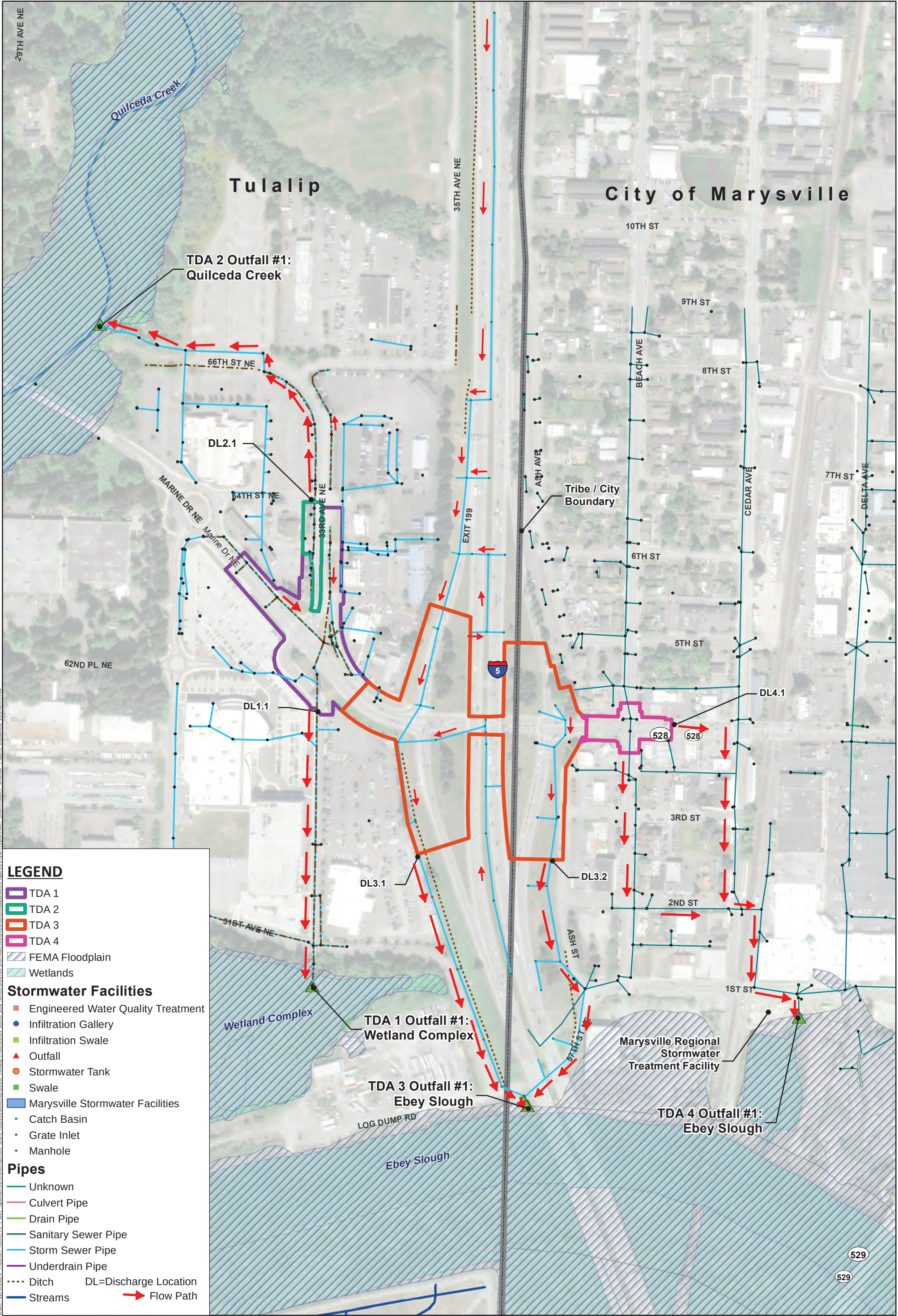
Source: © Mapbox, © OpenStreetMap,
ESRI, WDNR



0 500 1,000 2,000 Feet

— Project Limits
— Streams

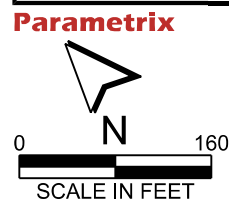
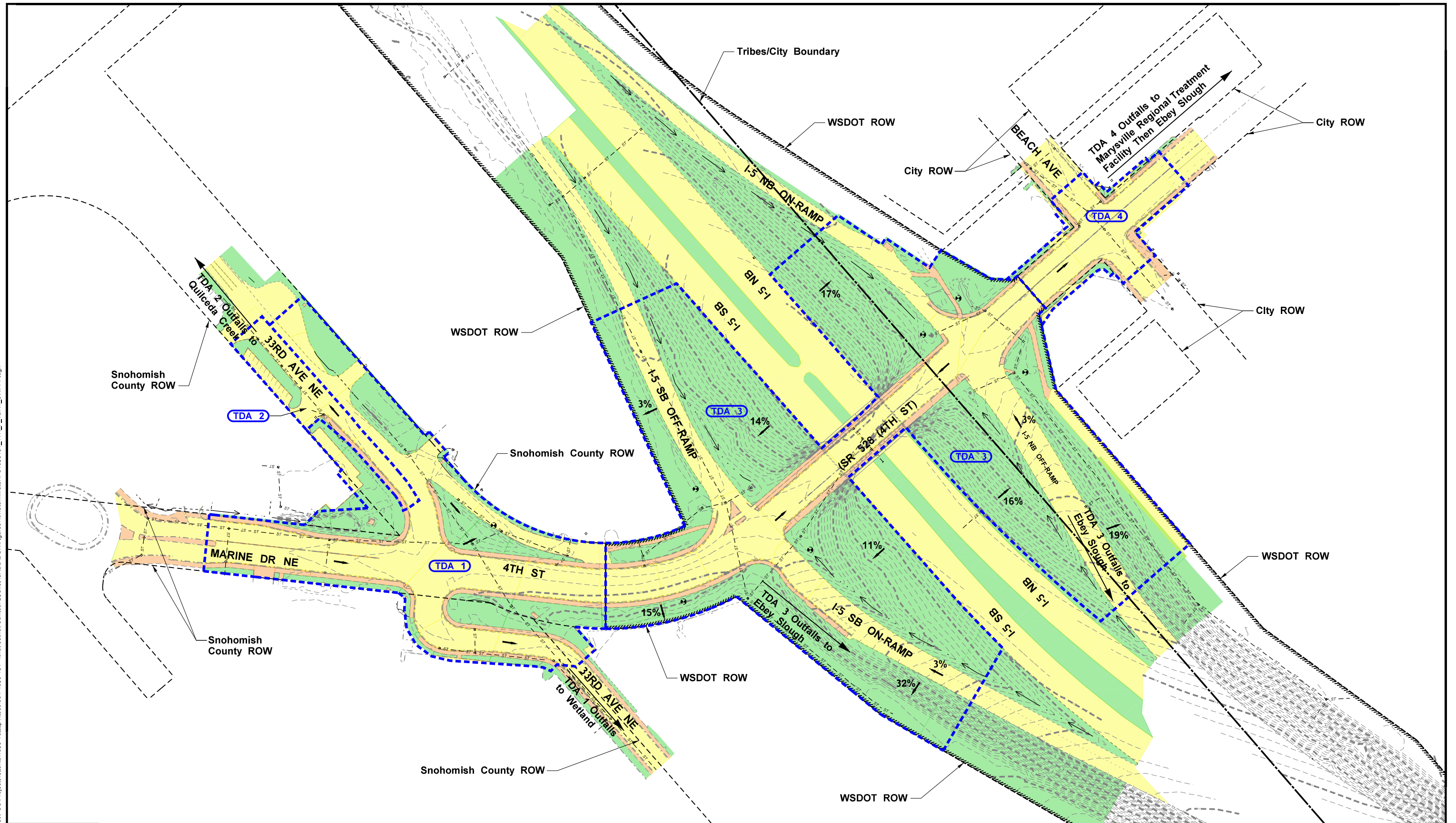
Figure 1. Vicinity Map
I-5/4th Street and 88th Street NE
Corridor Improvements
Snohomish County, WA



Source: WA DNR, Tulalip Tribes

Figure 2. Surface Water Bodies and Discharge Locations
4th Street Corridor

9/3/2025 9:19:23 AM U:\PSO\Projects\Clients\1598-Tulalip Tribes\554-1598-131 4th St 88th St Corridor\999\Scs\CADD\DWG\Figures\4th\Stormwater\PS1598131_4TH_F_TDA1_SMPPPP.dgn



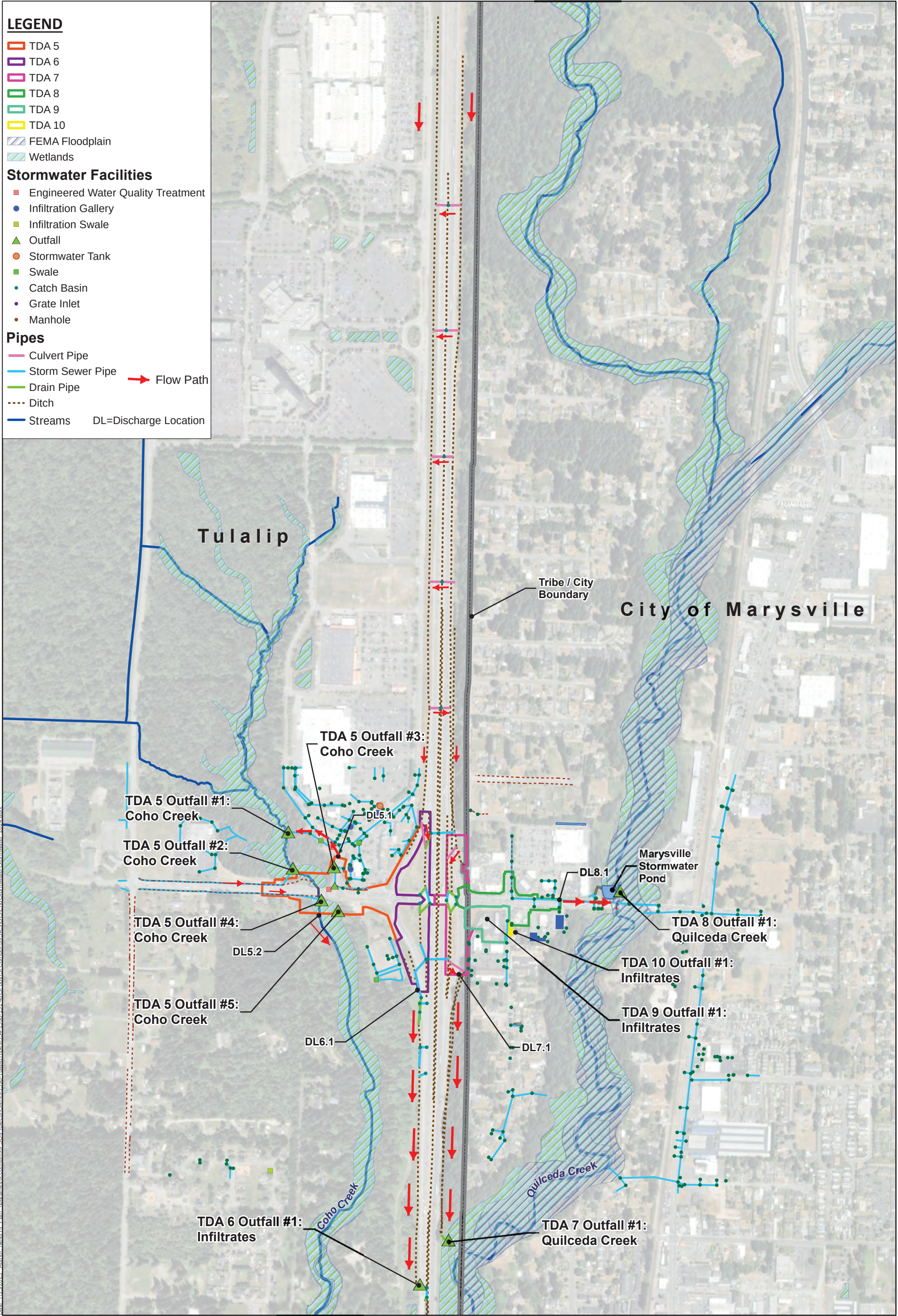
Legend:

- TDA Boundary
- Ditch Flow Line
- Soil Boring
- Existing Major Contour
- Existing Minor Contour

- Existing Culvert
- Existing Storm Sewer
- Existing Catch Basin

- Existing Pervious
- Existing PGIS
- Existing NPGIS

Figure 3
Existing Conditions
4th Street Corridor





□ □ □ □ □ □ □ □ □

-
-  Ditch Flow Line
 Coho Creek
 Existing Wetland
 Creek Flow Direction

- Existing Culvert
- ST - - ST - - Existing Storm Sewer
- ST ——— ST ——— Proposed Storm Sewer

-  Pervious
 -  Pollution Generating Impervious Surface
 -  Non-pollution Generating Impervious Surface

Figure 8
Proposed Development
88th Street NE Corridor

Appendix C

TESC Narrative and Plans

TEMPORARY EROSION SEDIMENT CONTROL PLAN NARRATIVE

I-5/4th Street and 88th Street NE Corridor Improvements 4th Street Corridor

The Tulalip Tribes of Washington

Permit: WAR *XXXXXX*

Contractor: *TBD*

TESC Plans are currently under design.

Project Engineer:

Tiffany Neier, PE

TESC Plan Designer:

Kathleen Bell, PE

PROJECT INFORMATION

Project name: I-5/4th Street and 88th Street NE Corridor Improvements, 4th Street Corridor

Location: This project crosses both Tulalip Tribal lands (Tribes) and the City of Marysville (Marysville). As a result, construction stormwater is covered under two permits:

- Tribes: Construction activities on Tribal lands are covered under the U.S. Environmental Protection Agency (EPA) Construction General Permit (CGP).
- Marysville: CSWGP – Washington State Department of Ecology (Ecology) Construction Stormwater General Permit (CSWGP).

Transfer of Coverage: Yes

Permittee: Coverage will be transferred from the respective jurisdiction to the Contractor upon Bid Award.

Total disturbed acreage identified in the Notice of Intent (NOI): **2.58 acres (Marysville)**.

Note: Additional disturbance occurs on Tulalip lands and is permitted under EPA's CGP; it is not included in this NOI.

Existing contamination identified in the NOI: No

Permitted construction outfalls to be identified in the NOI:

Each Threshold Discharge Area (TDA) is assigned to one permit based on jurisdiction. Table 1 lists NOI outfalls with their receiving waters, coordinates, TDA, and permit coverage. Outfalls under CSWGP are subject to Ecology review; those under CGP are included for completeness but regulated by EPA. These locations match the Temporary Erosion and Sediment Control (TESC) plans and Stormwater Pollution Prevention Plan (SWPPP).

Table 1. 4th Street Corridor Permitted Construction Outfalls

NOI Outfall #	Receiving Surface Waterbody Name	Latitude Longitude Coordinates	Coverage
S001	Quilceda Creek – TDA 2	48.054143, -122.187355	EPA CGP (Tribes)
S002	Ebey Slough – TDA 1	48.052045, -122.187285	EPA CGP (Tribes)
S003	Ebey Slough – TDA 3	48.051655, -122.185947	Ecology CSWGP (Marysville)
S004	Ebey Slough – TDA 3	48.05089, -122.183499	Ecology CSWGP (Marysville)
S005	Ebey Slough (City of Marysville Regional Stormwater Facility) – TDA 4	48.051975, -122.182288	Ecology CSWGP (Marysville)

Waterbody impairments or approved Total Maximum Daily Load (TMDL) applicable to construction outfalls: Yes (Table 2)

Table 2. Impaired Waterbody

Impaired Waterbody Name	Impairment	Additional Action Required?
Ebey Slough- Assessment Unit Id: 48122A1E8_01_02	Category 4A (water)- Dissolved Oxygen	Additional actions are incorporated into Elements 1 through 9 of this TESC narrative and included in the Stormwater Pollution Prevention Plan, and Proposed New Discharge to Impaired Waterbody form anticipated to be submitted to Ecology. Discharge sampling must be done in accordance with S8 of the Permit.

CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL)

The Certified Erosion and Sediment Control Lead (CESCL) that will perform permit required site inspections and discharge sampling during construction may not be known during the TESC plan design process. This section is intended to be used during construction to identify the CESCL(s) in accordance with S4.B.4 of the permit.

Name: TBD

CESCL ID#: TBD

Expiration Date: TBD

Contact Number: TBD

Name: TBD

CESCL ID#: TBD

Expiration Date: TBD

Contact Number: TBD

Name: TBD

CESCL ID#: TBD

Expiration Date: TBD

Contact Number: TBD

Existing CESCL certification information can be found: <https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Certified-erosion-sediment-control>

CONSTRUCTION SCHEDULE

The staging shown on the TESC SU-series sheets cover the entire project (Tulalip + Marysville). This TESC narrative/NOI addresses Ecology CSWGP coverage within Marysville; work on Tulalip lands is covered under EPA CGP. Construction of the 4th Street corridor is anticipated to start in June 2026 and will occur in seven stages. The sequencing of work activities, including installation and removal of temporary erosion and sediment control Best Management Practice (BMP), is shown in the 4th Street TESC staging sheets (SU-series). This narrative does not duplicate that schedule; the TESC plan set is the controlling document. Construction is anticipated to last 29 months wrapping up in October 2028.

EXISTING SITE CONDITIONS

Table 3. 4th Street Corridor Existing Conditions

Total Project Acreage:	15.9 Acres (does not include staging areas)
Total Project Disturbed Acreage:	10.8 Acres
Disturbed Acreage (Marysville):	2.58 acres (Ecology CSWGP)
Existing Structures:	Existing roadway, ramps, ditches and conveyance elements and facilities
Landscape Topography:	Generally flat with roadway grades and ditches; side slopes not exceeding 2:1
Drainage Patterns:	Enclosed drainage systems with outfalls to Ebey Slough
Existing Vegetation:	Grass slopes, landscaped areas, and hardier vegetation in intersection gore areas
Critical Areas (wetlands, streams, high erosion risk, steep or difficult to stabilize slopes):	None within project limits
List of known impairments for 303(d) listed or TMDL for the receiving waterbody:	Ebey Slough: Dissolved Oxygen and Sediment Bioassay

Soils

The major soil type within the project limits, as identified by the U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey is Ragnar Fine Sandy Loam. It is a well-draining soil of Hydrologic Soil Group A. This data is shown in Table 4.

Table 4. Major Soil Types in Project Area

Soil	HSG Group	HSPF Group
Ragnar Fine Sandy Loam	A	Outwash

Notes: HSG = Hydrologic Soil Group; HSPF = hydrologic simulation program – FORTRAN.

HWA GeoSciences provided design saturated hydraulic conductivity (K_{sat}) infiltration rates and groundwater elevations at each of the proposed BMPs, as shown in Table 5 (HWA GeoSciences, 2025).

Table 5. Preliminary Infiltration Design Criteria for Facilities

Facility Name	TDA	Design Infiltration Rate (inches per hour)	Groundwater Elevation (NAVD88)	Groundwater Depth (feet below ground surface)
Existing Bioretention Area to be Modified	1	10.0	13	10
Infiltration Trench	2	10.0	13	10

NAVD88 = North American Vertical Datum of 1988.

1 Soil types, infiltration rates, and groundwater depths are based on the Final Geotechnical Report (HWA GeoSciences, 2025).

The Snohomish County Critical Aquifer Recharge Areas map from the Snohomish County Critical Area Regulations Update (February 2016) was used to determine the critical areas aspect of this project. While no Sole Source Aquifer or Wellhead Protection Areas were identified within the project limits, the USGS Aquifer Sensitivity (to groundwater contamination) was determined to be moderate.

The project will maintain existing recharge rates to the total aquifer by enhancing infiltration to compensate for increased impervious area. The water quality of runoff will be improved before infiltration by using pretreatment prior to infiltration.

Climate

The Marysville area is located in the Puget Sound basin. Rain falls primarily during autumn and winter, then tapers off during spring and into the summer dry period as shown in **Table 6**.

Table 6. Summary of Project Area Climate Data

Average Monthly Values				
Month	Maximum Temperature (F)	Minimum Temperature (F)	Total Precipitation (in.)	Total Snow Fall (in.)
January	47.9	34.6	5.04	1.5
February	50.4	34.5	3.7	0.5
March	54.5	37.2	4.11	0.1
April	59.6	41.4	3.4	0
May	65.8	47	2.7	0
June	69.8	51.8	2.3	0
July	74.8	55.3	1.04	0
August	75.7	55.2	1.15	0
September	70.4	49.6	2.34	0
October	60.7	43.3	3.7	0
November	52.4	37.6	5.82	0
December	46.7	34.1	4.95	1.0
Annual	60.7	43.5	40.25	4.6

From National Oceanic and Atmospheric Administration (<https://www.weather.gov/wrh/climate?wfo=sew>) for period of record from 1991 to 2020. Values were taken from the Everett Station.

Since construction is scheduled for a 29-month duration, there is potential for rain, high winds, snow, freezing temperatures, and rain-on-snow events. It is possible that the project will have to stop work due to frozen conditions during the winter months. Runoff from rain-on-snow events can result in changes in drainage patterns and/or localized flooding.

Activities during the wet and dry seasons shall be contingent upon the construction schedule. Earthwork should be scheduled for the dry season when possible to limit the amount of exposed soils and minimize erosion and sedimentation risks. While inspections and maintenance of BMPs is conducted throughout the year, frequency of these activities is increased during the wet season. Maintenance will be performed as needed on the permanent drainage system and TESC BMPs to prevent clogging and decreases in performance.

Topography

The project area topography is generally flat. Runoff from flat areas generally pools and will often infiltrate in place. Steeper areas on site are primarily where there are fill slopes adjacent to the highway and ramps. In these areas, runoff has the potential to form rivulets that can cause erosion. Where there are moderate or steep slopes in the project area, BMPs such as wattles can be used to reduce flow velocity and thereby reduce erosion. Fill slopes in the project area do not exceed 2:1. There are no known issues with slope stability within the project area.

Vegetation

No overwater structures are located on this project. Roadway segments have limited vegetation including grass and common landscape vegetation within highway gore areas.

Drainage

There are a total of four TDAs, described below, within the project limits. TDA areas are shown in Table 7, and receiving waters for each TDA are shown in Table 8.

- TDA 1 (Tribes) drains the western portion of the project area near the intersection of Marine Drive NE and 33rd Avenue NE. Runoff is conveyed south through a storm drain trunk line along 33rd Avenue NE, discharging to a large wetland complex just south of 60th Place NE, approximately 1,000 feet from the project. This wetland complex provides treatment and attenuation prior to ultimately contributing flows to Quilceda Creek downstream. All of TDA 1 is on Tribal land.
- TDA 2 (Tribes) drains a small area in the northwestern corner of the project area off of 33rd Avenue NE. Runoff is conveyed north and west in pipes and ditches, discharging to Quilceda Creek near Marine Drive, approximately 1.25 miles upstream of the stream's confluence with Ebey Slough. All of TDA 2 is on Tribal land.
- TDA 3 (Marysville) drains 4th Street at the I-5 interchange, including the on- and off-ramps. Runoff is conveyed south in pipes on either side of the I-5 corridor before they merge into one closed pipe system that discharges to Ebey Slough immediately west of I-5, near Log Dump Road/60th Place NE. TDA 3 is in Washington State Department of Transportation (WSDOT) limited-use Right-of-Way (ROW) on both Tribal land and in Marysville.
- TDA 4 (Marysville) drains 4th Street east of the I-5 interchange. Runoff is conveyed via pipes to the site of the former Geddes Marina boat basin adjacent to Ebey Slough. The City of Marysville is developing a regional stormwater treatment facility on this site, which is projected to be completed before this project is built. All of TDA 4 is in Marysville and outside of WSDOT ROW.

Table 7. Existing TDA Area

TDA Number	TDA Total Area (acres)	Receiving Water Body
1	3.93	Wetland Complex and Quilceda Creek
2	0.51	Quilceda Creek
3	10.64	Ebey Slough
4	0.88	Ebey Slough

Notes: TDA = Threshold Discharge Area.

Table 8. Existing Discharge Points

TDA Number	Discharge Type	Recipient Type	Water Body	Feature Type	Discharge Name/ID¹	Owned/Managed
1	Surface Water	Wetland Complex	NA	Pipe	Unknown	Tribes
	Surface Water	Wetland Complex	NA	Catch Basin	S001	Tribes/ Snohomish County
	Surface Water	River or Stream	Quilceda Creek	Catch Basin	S002	Tribes/ Snohomish County
2	Surface Water	River or Stream	Quilceda Creek	Pipe	Unknown	Tribes/ Snohomish County
3	Surface Water	River or Stream	Ebey Slough	Pipe	Unknown	WSDOT
	Surface Water	River or Stream	Ebey Slough	Catch Basin	S003	WSDOT
	Surface Water	River or Stream	Ebey Slough	Catch Basin	S004	WSDOT
4	Surface Water	River or Stream	Ebey Slough	Pipe	Unknown	Marysville
	Surface Water	River or Stream	Ebey Slough	Catch Basin	S005	Marysville

Notes: TDA = Threshold Discharge Area; WSDOT = Washington State Department of Transportation.

1. Discharge features listed as 'Unknown' are existing pipes or conveyance elements that do not have assigned facility IDs and are not NOI outfalls. Only discharge points S001–S005 are included in the NOI and subject to permit monitoring requirements.

Groundwater

Groundwater seepage was encountered during drilling in all nine borings at depths ranging from approximately 6 to 14 feet below ground surface. Seasonal high groundwater elevations were measured up to approximately 20 feet North American Vertical Datum of 1988 (NAVD88) (HWA Geosciences, 2025). Several proposed stormwater conveyance inverts and structure excavations are below this elevation, with some as low as approximately 13.9 feet NAVD88.

As a result, localized dewatering is anticipated during trenching and structure installation in low-lying reaches of the project. Dewatering activities shall be conducted in accordance with Special Condition S9.D.10 of the CSWGP, and discharge shall be managed using appropriate BMPs to prevent erosion or sediment transport. Dewatering devices may include sediment bags, temporary storage tanks, or approved treatment systems as necessary to ensure compliance with permit requirements.

Infiltration will be used as a BMP for permanent stormwater management. Infiltration rates are not anticipated to be significantly impacted during the wet season.

Sensitive Areas

There are no floodplains, stream crossings, wetlands, fish surveys, or steep slopes within the project limits. However, TDA 1 discharges to a wetland complex south of 60th Place NE, and TDAs 3 and 4 discharge to Ebey Slough outside the construction footprint.

Existing Encumbrances

Existing utilities will be protected or moved within the project limits. There are no known wells or drain fields located within or immediately adjacent to the project site.

A Hazardous Materials Discipline Report (Discipline Report) (February 2023) prepared by Parametrix determined there are no high-risk hazardous materials within 0.25 miles of the project area. Three medium-risk

sites were identified and could have some potential for impacts on construction, depending on the location of excavation associated with grading and utility placement. The three medium-risk sites identified in the Discipline Report include the following locations:

- ARCO 4390 – 1124 4th Street;
- Chevron 99609 – 1206 4th Street; and
- Marine Drive 76 – 3323 Marine Drive NE.

Based on the due diligence process, plans for the mitigation, handling, and disposal of contaminated media and hazardous construction debris would be developed on a site-by-site basis in conjunction with the appropriate regulatory agencies if determined to be necessary. A project-wide contaminated media management plan (CMMP) should also be developed and implemented and would be expected to cover the majority of minor encounters with contaminated soil or groundwater.

Excavation in the vicinity of all three medium-risk sites would likely require adhering to the project CMMP in order to properly characterize any potentially petroleum contaminated soil for disposal.

High Risk Activities and Potential Problem Areas

Construction scheduling and phasing poses the greatest challenge for this project. Roads need to remain open to traffic and access to all surrounding businesses needs to continue through the duration of the project. Additional risks include utility relocations and ensuring stormwater BMPs function as designed during multi-season construction.

Contingency Planning

The BMPs proposed for the project were selected based on the existing site conditions and anticipated scope of work. The BMPs represent the minimum required based on existing site conditions. The contractor is required to install additional BMPs as needed to prevent stormwater discharge to surface waters of the State that exceed the Department of Ecology (Ecology) Construction Stormwater General Permit (CSWGP) benchmark limits for turbidity or pH. Additionally, the project area discharges to the Ebey Slough area which is Category 4A impaired for dissolved oxygen. The contractor is required to install additional BMPs as needed to ensure that construction stormwater does not cause or contribute to this dissolved oxygen impairment or to violations of water quality standards for other 303(d) listed waters. The process for adding additional BMPs is provided in *WSDOT Standard Specifications for Road, Bridge, and Municipal Construction M 41-10, Section 8-01* (WSDOT Standard Specification), dated 2024; and in the *Ecology Stormwater Management Manual of Western Washington, Volume II* (SWMMWW), revised 2019. BMPs, such as Chemical Treatment Systems, require the approval of all agencies having jurisdiction over the project site, the Engineer of Record, and the Environmental Compliance Manager.

In the event that performance goals for discharge are not achieved, procedures in the Environmental Compliance Plan (Appendix F of the Environmental Compliance Plan) shall be followed to contain, treat and dispose of contaminated water. In short, discharge will be collected and tested prior to discharge. If necessary, discharge will be treated until testing limits are met. No water will be released from the site until all testing limits are met.

WSDOT Standard Specification Section 1-07.15(1) also provides the requirements for spill prevention and remediation. The Spill Prevention, Control, and Countermeasures Plan to be completed by the Contractor.

Engineering Calculations

Design of erosion and sedimentation control BMPs is included in the WSDOT Standard Specification Section 8-01 and follows sizing methods from the Stormwater Management Manual for Western Washington (SWMMWW). Design details for permanent stormwater facilities are provided in the project drainage report.

13 PLANNING ELEMENTS

This section describes the 13 planning elements in accordance with the Special Condition S9 in the CSWGP. BMPs included follow the SWMMWW, the WSDOT Standard Specification Manual Section 8-01 and the WSDOT *Temporary Erosion and Sediment Control Manual* (TESC Manual), dated 2019. BMPs from the SWMMWW will be prefaced with “BMP”, while BMPs from the WSDOT Standard Specification Manual Section 8-01 and TESC Manual will be prefaced with “WSDOT”.

See Appendix A for TESC plans that show BMP locations and area of disturbance.

Element 1: Preserve Vegetation/Mark Clearing Limits (Permit Condition S9.D.1)

High visibility silt fence and silt fence will be placed to mark clearing limits and protect the existing vegetation outside of the work area. All existing vegetation shall be preserved when not required to be cleared for the construction of the project. The contractor shall stake, flag, and survey the clearing limits and the areas not to be disturbed.

Risk Analysis:

- Areas of this project border on commercial properties and tribal reservation land. Clearing limits will be clearly marked to separate construction areas from public access areas. A full time CESCL will be present on-site during work hours on-call 24 hours a day. Daily inspections will be conducted of all BMPs to ensure proper maintenance.
- As much existing vegetation will be retained in the project area as possible work is not permitted outside of the right-of-way and temporary construction easements. The project limits are required to be clearly marked prior to the start of work.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C103 & WSDOT 8-01.3(9)A2: High Visibility Silt fence
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence

GSP's: Not applicable

Special Provisions: Not applicable

Element 2: Establish Construction Access (Permit Condition S9.D.2)

The contractor will design and construct the construction access. Where possible, construction access will be controlled and limited to entrance only and exit only. All trucks leaving the construction areas will be visually inspected for dirt, dirt clods, and rock between tires. If sediment is tracked onto the road, street cleaning shall be used to clean the road. Trucks will go through tire wash as needed if sediment transport becomes a problem.

Risk Analysis:

- Stabilized construction entrances will be utilized where feasible within the project limits. At access points that connect to existing pavement and/or public roadways. The Contractor will sweep roadways daily, or more often if required, to remove sediment. If sediment transport becomes a problem, additional BMPs (e.g. tire wash) may be used.

BMPs Utilized:

- BMP C105 & WSDOT 8-01.3(7)/Std. Plan I-80.10-01: Stabilized construction entrance
- BMP C106: Wheel wash
- BMP C107 & WSDOT 8-01.3(7): Construction road/parking area stabilization
- BMP C207 & WSDOT 8-01.3(6): Check Dams
- BMP C235 & WSDOT 8-01.3(10): Wattles
- WSDOT 8-01.3(8): Street cleaning

Additional BMPs:

- BMP C209 & WSDOT 8-01.3-(11): Outlet Protection
- BMP C240 & WSDOT 8-01.3(9): Temporary Sediment Trap
- BMP C203: Water Bars

GSP's: Not applicable

Special Provisions: Not applicable

Element 3: Control Flow Rates (Permit Condition S9.D.3)

The project will modify one existing bioretention area and construct one new infiltration trench in the northwest corner of the 4th Street and 34th Street intersection. The bioretention area will not be used as a sedimentation pond to preserve underlying infiltration rates. Chemical treatment plants can be utilized as needed.

Risk Analysis:

- Conveyance of construction runoff across most of the site is low gradient, however, wattles will be used on side-slopes as needed and check dams will be used in conveyance ditches. Water pumps and mobile storage will be provided if needed.

BMPs Utilized:

- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C235 & WSDOT 8-01.3(10): Wattles
- BMP C241: Temporary sediment pond
- BMP V-12 & WSDOT 8-01.3(1)E: Detention BMPs
- WSDOT 8-01.3(1)D: Dispersion and infiltration
- WSDOT 5-1.1.49: Water pumps

Additional BMPs:

- BMP C202: Riprap Channel Lining
- BMP C208: Triangular silt dike
- BMP C209 & WSDOT 8-01.3(11): Outlet protection
- BMP C240: Temporary sediment trap
- WSDOT 5-1.1.43: Temporary containment or mobile storage tanks

GSP's: Not applicable

Special Provisions: Not applicable

Element 4: Install Sediment Controls (Permit Condition S9.D.4)

The project area does not discharge to regulated water bodies directly, it discharges to four different existing drainage systems. One system discharges to a wetland complex 1,000 feet downstream of the project site, one discharges to Quilceda Creek, one discharges to Ebey Slough, and the last discharges to the City of Marysville Regional Stormwater Facility which outfalls to Ebey Slough. The project area will maintain existing discharge points.

Risk Analysis:

- Stormwater Discharge leaving the site is required to meet the turbidity and pH limits listed in the CSWGP. Additionally, the contractor is required to install additional BMPs as needed to prevent discharge that may cause or contribute to a violation of water quality standards for 303(d) listed impaired waterbodies for parameters listed in the Project Information Section. Construction will occur during both wet and dry seasons so runoff from the site is expected. BMPs will be installed in appropriate areas to ensure that turbid water does not leave the site. Flow from construction areas will be collected in pre-setting tanks prior to discharge. Water pumps and mobile storage tanks will be provided if needed.
- Silt fence will be installed downslope from disturbed areas that may produce sediment runoff such as fill areas.
- Wattles will be installed along contours on new roadway embankments as needed or shown in the temporary erosion and sediment control plans.
- Erosion control seeding covered with biodegradable erosion control blanket will be installed on new slopes.
- Existing and new inlets will be furnished with inlet inserts to filter runoff.
- Exposed soils and embankments that will be left unworked for short periods may be covered with plastic.
- Sediment control BMPs shall be constructed as a first order of work for each construction stage prior to any land disturbing activities.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C120 & WSDOT 8-01.3(2)B: Temporary and permanent seeding
- BMP C123 & WSDOT 8-01.3(5): Plastic covering
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C220 & WSDOT 8-01.3(9)D: Inlet protection
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence
- BMP C235 & WSDOT 8-01.3(10): Wattles
- WSDOT 8-01.3(8): Street cleaning
- WSDOT 8-01.3(1)D: Dispersion and infiltration

Additional BMPs:

- Sedimentation bags
- WSDOT 5-1.1.43: Temporary containment or mobile storage tanks

GSP's: Not applicable

Special Provisions: Not applicable

Element 5: Stabilize Soils (Permit Condition S9.D.5)

This multi-season project will involve wet season work and disturb more than 10.8 acres. The project will be phased to minimize wet season earthwork area. Several BMPs can be used for stabilization including plastic sheeting or temporary seeding. Temporary seeding may only be effective when weather is conducive to germination.

Stabilize all exposed and unworked soils (including equipment staging area solids, material storage areas, and borrow areas) by applying effective BMPs that protect the soil from wind, raindrops, and flowing water. Selected soil stabilization measures must be appropriate for the time of year, site conditions, estimated duration of use, and the water quality impacts that stabilization agents may have on downstream waters or groundwater.

In western Washington, cover exposed soil that is not being worked— whether at final grade or not—within the following time limits, using approved soil cover practices:

October 1 through April 30 - 2 days maximum

May 1 through September 30 - 7 days maximum

Expose no more soil than can be covered within the above time limits. Construction activities should never expose more erodible earth than the amounts shown below for the specified locations unless approved by the Engineer.

Risk Analysis:

- Soil stockpiles are especially vulnerable to slumping when saturated and should be stabilized and protected with sediment-trapping measures. Plastic may be necessary on silty stockpiles, as it is the only BMP that can prevent soil saturation. Stockpiles should be located away from storm drain inlets, waterways, and drainage channels where possible.
- To keep exposed soils from becoming saturated with stormwater runoff from adjacent impervious surfaces, the runoff shall be collected and conveyed away from the exposed embankments and soils. Collection and conveyance may include temporary curb and berms, and/or temporary storm drains.
- Exposed soils that will be left unworked for short periods may be covered with plastic or the suggested BMPs listed below.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C105 & WSDOT 8-01.3(7) / Std. Plan I-80.10-01: Stabilized construction entrance
- BMP C107: Construction road/ parking area stabilization
- BMP C120 & WSDOT 8-01.3(2): Temporary and Permanent Seeding
- BMP C121 & WSDOT 8-01.3(2)D: Temporary mulching
- BMP C122 & WSDOT 8-01.3(3): Nets and blankets (Biodegradable erosion control blanket)
- BMP C123 & WSDOT 8-01.3(5): Plastic covering
- BMP C125 & WSDOT 8-02.3(4): Topsoil
- BMP C140 WSDOT 1-07.5(4)B: Dust control
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence

Additional BMPs:

- BMP C126 & WSDOT 8-01.3(2)E: Polyacrylamide (PAM) for soil erosion protection
- BMP C235 & WSDOT 8-01.3(10)/Std. Plan I-30.30-01: Wattles

GSP's: Not applicable

Special Provisions: Not applicable

Element 6: Protect Slopes (Permit Condition S9.D.6)

Cut and fill slopes shall be constructed in a manner that will minimize erosion. Cut and fill slopes shall have erosion control BMPs installed for slope protection as needed. During construction, exposed slopes shall have erosion control seeding and biodegradable erosion control blanket applied. When erosion control seeding and blanket are not possible, plastic covering, or other suitable cover shall be applied. Finished slopes shall have permanent seeding applied between March 1 and May 15 or August 15 and October 1. Outside of these specific application periods, temporary cover shall be applied.

Risk Analysis:

- There are cut and fill slopes within the project limits. Some portion of these steps will be graded to accommodate roadway widening within the project limits. It is not anticipated that concentrated runoff will flow to existing or proposed slopes. BMPs will be applied to exposed slopes to prevent erosion.
- Wattles will be used on steep slopes as needed.

BMPs Utilized:

- BMP C121 & WSDOT 8-01.3(2)D: Temporary mulching
- BMP C122 & WSDOT 8-01.3(3): Nets and blankets (Biodegradable erosion control blanket)
- BMP C123 & WSDOT 8-01.3(5): Plastic covering
- BMP C200 & WSDOT 6A-2.19: Interceptor dike and swale
- BMP C201: Grass lined channels
- BMP C235 & WSDOT 8-01.3(10)/Std. Plan I-30.30-01: Wattles
- WSDOT 8-01.3(1)C: Water Management

Additional BMPs:

- BMP C202 and WSDOT 8-15: Riprap channel lining
- BMP C208: Triangular Silt Dike (TSD)

GSP's: Not applicable

Special Provisions: Not applicable

Element 7: Protect Drain Inlets (Permit Condition S9.D.7)

Existing, new, or temporary inlets will be furnished with inlet protection devices to filter runoff. Existing ditches will be furnished with rock check dams to capture and reduce velocity of sediment in construction runoff.

Risk Analysis:

- Sealing/plugging inlets will be required at structures adjacent to concrete pouring and grinding activities.

BMPs Utilized:

- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C220 & WSDOT 8-01.3(9)D: Inlet protection

Additional BMPs:

- BMP C235 & WSDOT 8-01.3(12): Wattles/Compost sock

GSP's: Not applicable

Special Provisions: Not applicable

Element 8: Stabilize Channels and Outlets (Permit Condition S9.D.8)

Rock Check dams will be installed in roadside ditches where needed during construction to reduce the transport of sediment.

Risk Analysis:

- The contractor may utilize pumps to convey sediment laden water within ditches (if encountered) to Sediment Ponds or other BMPs. Temporary conveyance has been designed for the 2-year, 24-hour storm event. Design for temporary erosion control BMPs is included in WSDOT Standard Specification Section 8-01.

BMPs Utilized:

- BMP C120 & WSDOT 8-01.3(2): Seeding and planting
- BMP C122 & WSDOT 8-01.3(3): Nets and blankets (Biodegradable erosion control blanket)
- BMP C201: Grass lined channels
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C209 & WSDOT 8-01.3(11): Outlet protection
- WSDOT 8-01.2: Quarry Spalls

Additional BMPs:

- BMP C202 & WSDOT 8-15: Riprap channel lining
- BMP C232: Gravel-filled berm

GSP's: Not applicable

Special Provisions: Not applicable

Element 9: Control Pollutants (Permit Condition S9.D.9)

All pollutants, including construction materials, waste materials, and demolition debris, must be handled and disposed of in a manner that does not cause contamination of stormwater. Wood debris may be chopped and spread on-site. Application of fertilizers and other chemicals should be conducted in a manner and at application rates that will not result in loss of chemicals to stormwater runoff. Manufacturers' label requirements for application rates and procedures must be followed.

Methods for controlling pollutants that can be considered hazardous materials, such as hydrocarbons and pH-modifying substances, must be described in the Contractor's Spill Prevention, Control, and Countermeasures (SPCC) Plan. The plan must be prepared to meet Standard Specification 1.07.15(1) and the Washington State Department of Ecology's (Ecology's) standards as described in WSDOT SPCC Plan Preparation Instructions and Spill Plan Reviewers Protocols: <https://wsdot.com/environment/technical/disciplines/hazardous-materials/spill-prevent-report#PrepareSPCC>

Stormwater or groundwater that has come into contact with curing concrete must be sampled to ensure water quality standards are not violated. Process water (for example, concrete washout, slurry water, and hydro-demolition) must be contained and cannot be discharged to waters of the state. Contact WSDOT NWR Compliance for more information on disposing of high pH water.

Standard Specification 1-06.6 identifies to the Contractor that they must use their best effort to utilize recycled materials. When recycled concrete is used for materials identified in Standard Specification 9-03.21(1)E there is a risk of generating high pH water and runoff. Projects that have the materials in 9-03.21(1)E as bid items need to include BMPs for neutralizing pH. When pH levels have a human cause variation of 0.2 or 0.5 pH su depending on the waterbody, action must be taken to maintain the waters pH level before the water is discharged.

Risk Analysis:

- Good housekeeping and preventative measures will be taken to ensure that the site will be kept clean, well-organized, and free of debris. If required, BMPs shall be implemented to control specific sources of pollutants. Vehicles, construction equipment, and/or petroleum product storage and dispensing will adhere to the following:
 - All vehicles, equipment, and petroleum product storage/dispensing areas will be inspected regularly to detect any leaks or spills, and to identify maintenance needs to prevent leaks or spills.
 - On-site fueling tanks and petroleum product storage containers shall include secondary containment.
 - Spill prevention measures, such as drip pans, will be used when conducting maintenance and repair of vehicles or equipment.
 - In order to perform emergency repairs on site, temporary plastic will be placed beneath and, if raining, over the vehicle.
 - Contaminated surfaces shall be cleaned immediately following any discharge or spill incident.
 - Concrete and grout: Process water and slurry resulting from concrete work will be prevented from entering the waters of the State by implementing Concrete Handling measures (BMP C151).
 - Sawcutting and surfacing operations: Process water and slurry resulting from sawcutting or surface operations will be prevented from entering the waters of the State by implementing Sawcutting and Surface Pollution Prevention (Ecology BMP C152).
 - In order to prevent, reduce, or eliminate the discharge of pollutants from material delivery and storage to the stormwater system, Material Delivery and Storage Contamination Ecology (BMP C153) shall be implemented.

- o Sanitary wastewater: Portable sanitation facilities will be firmly secured, regularly maintained, and emptied when necessary.
- o Solid waste will be stored in secure, clearly-marked containers.
- o Equipment shall be checked daily for leaks, and any necessary repairs shall be completed prior to commencing work activities.

BMPs Utilized:

- BMP C151 & WSDOT 1-07.15, 5-1.1.7: Concrete Handling
- BMP C152 & WSDOT 5-1.1.6: Sawcutting and Surfacing Pollution Prevention
- BMP C153 & WSDOT 1-06.4, 5-1.1.22, SPCC Plan: Material Delivery, Storage, and Containment
- BMP C154: Concrete Washout Area
- BMP C251: Construction Stormwater Filtration
- BMP C252 & WSDOT 5-1.1.16: Treating and Disposing of High pH Water
- WSDOT 1-07.15(1): Spill prevention control and countermeasures (SPCC) plan (to be provided by contractor)

Additional BMPs:

- WSDOT 8-01.3(1)C6: Environmentally Acceptable Hydraulic Fluid (work on bridges over surface waters)
- BMP C250: Construction Stormwater Chemical Treatment

GSP's: Not applicable

Special Provisions: Not applicable

Element 10: Control Dewatering (Permit Condition S9.D.10)

Dewatering devices shall discharge into sedimentation bags or chemical treatment ponds. The rate of dewatering discharge shall not exceed the design capacity of the sediment trap or pond. If required in the project's special provisions a dewatering plan shall be submitted for approval before implementation.

When ground water is encountered in an excavation, it shall be controlled, treated, and discharged as follows:

1. If the ground water meets State Water Quality standards, it may bypass detention and treatment facilities and be routed directly to its normal discharge point at a rate that will not cause erosion.
2. If the turbidity of the ground water is similar to the turbidity of the site runoff, the ground water may be treated using the same detention and treatment facilities being used to treat the site runoff and then discharged at a rate that will not cause erosion.
3. If the turbidity is greater than the turbidity of the site runoff, the ground water shall be pumped to a location where the Chitosan-Enhanced Sand Filtration system is being implemented or treated separately until the turbidity is similar to or better than the site runoff before the two may be combined and treated using the same detention and treatment facilities being used to treat the site runoff and then discharged at a rate that will not cause erosion.
4. Ground water may be pumped to an upland vegetated areas that do not discharge off site, where it will be allowed to disperse and infiltrate.

Risk Analysis:

- When groundwater is contaminated that is found to not be contaminated, it shall be controlled, treated, and discharged as described in Standard Specification 8-01.3(1)C or infiltrated. If groundwater conforms to Water Quality Standards for Surface Waters of the State of Washington (Chapter 173-201A Washington Administrative Code) it may be routed into the existing stormwater conveyance systems.

BMPs Utilized:

- BMP C236: Vegetative filtration

Additional BMPs:

- BMP C203: Water bars
- WSDOT 5-1.1.49: Water pumps
- WSDOT 5-1.1.43: Temporary containment or mobile storage tanks
- Sedimentation bag

GSP's: Not applicable

Special Provisions: Not applicable

Element 11: Maintain BMPs (Permit Condition S9.D. 11)

A CESCL shall inspect BMPs per Standard Specification 8 -01.3(1)B to ensure they perform their intended function properly until the Project Engineer determines that final stabilization is achieved. Final stabilization means completion of all soil-disturbing activities and establishment of a permanent vegetative cover or permanent stabilization measures (such as riprap) to prevent erosion. All temporary BMPs shall be removed within 30 days after final site stabilization is achieved.

Maintain BMPs in accordance with Standard Specification 8-01.3(15). When the depth of accumulated sediment and debris reaches approximately one-third the height of the device, the Contractor must remove the deposits. Clean sediments may be stabilized on-site if the Project Engineer approves.

Risk Analysis:

- The Temporary Erosion and Sediment Control Plans represent the minimum anticipated BMPs based on existing site conditions. Following installation, the Contractor is required to maintain, repair, and or replace any BMPs that are not functioning. In the event the BMPs are insufficient for site conditions, the Contractor will install additional BMPs to manage erosion and sediment transport. The Civil Engineer will provide hydraulic design is required for modification of existing BMPs or installation of new BMPs.
- Although all BMPs will require maintenance, it is anticipated that Silt Fence will likely require the most maintenance.

BMPs Utilized:

- BMP C150 & WSDOT 8-01.3(1)B: Materials on hand
- BMP C160 & WSDOT 8-01.3(1)B: On-site CESCL
- BMP C162 & WSDOT 8-01.3(1)B: Scheduling and coordinating work activity

GSP's: Not applicable

Special Provisions: Not applicable

Element 12: Manage the Project (Permit Condition S9.D.12)

The ESC Lead shall be able to inspect and maintain BMPs. The Contractor shall perform turbidity testing. The ESC Lead shall coordinate with the Contractor's representative responsible for testing soil, sediment, and groundwater for contamination so that stormwater runoff over contaminated materials is not allowed to enter typical TESC BMPs, unless such BMPs have been specifically designed by the Contractor to address runoff from contaminated materials.

All temporary erosion and sediment control BMPs shall be removed within 30 days after final site stabilization is achieved, or when the Engineer determines that the temporary BMPs are no longer needed. The Contractor will remove the BMPs and clean, restore and permanently stabilize all disturbed areas to the satisfaction of the Project Engineer.

Risk Analysis:

- The work of utility contractors and subcontractors is coordinated to meet requirements of both the TESC and SPCC plans.
- As this project site is located west of the Cascade Mountain Crest, the project will be managed according to the following key project components:
- Phasing of Construction
 - o The construction project is being phased to the extent practicable in order to prevent soil erosion, and, to the maximum extent possible, the transport of sediment from the site during construction.
 - o Revegetation of exposed areas and maintenance of that vegetation shall be an integral part of the clearing activities during each phase of construction, per the Scheduling BMP (C 162).
- Inspection and Monitoring
 - o All BMPs shall be inspected, maintained, and repaired as needed to assure continued performance of their intended function. Site inspections shall be conducted by a person who is knowledgeable in the principles and practices of erosion and sediment control. This person has the necessary skills to:
 - Assess the site conditions and construction activities that could impact the quality of stormwater, and
 - Assess the effectiveness of erosion and sediment control measures used to control the quality of stormwater discharges.
 - o A Certified Erosion and Sediment Control Lead shall be on-site or on-call at all times.
 - o Whenever inspection and/or monitoring reveals that the BMPs identified in this TESC Plan are inadequate, due to the actual discharge of or potential to discharge a significant amount of any pollutant, appropriate BMPs or design changes shall be implemented as soon as possible.
- Maintaining an Updated Construction SWPPP
 - o This SWPPP shall be retained near the construction activities or within reasonable access.
 - o The SWPPP shall be modified whenever there is a change in the design, construction, operation, or maintenance at the construction site that has, or could have, a significant effect on the discharge of pollutants to waters of the State.
 - o The SWPPP shall be modified if, during inspections or investigations conducted by the owner/operator, or the applicable local or state regulatory authority, it is determined that the SWPPP is ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the site. The SWPPP shall be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP shall be completed within seven (7) days following the inspection.
- Temporary BMPs will be removed prior to final site stabilization. The Environmental Compliance Manager (ECM) will inspect the site to determine if the site is permanently stabilized. After the ECM confirms permanent stabilization, the contractor may submit the Notice of Intent to end NPDES permit coverage.

BMPs Utilized:

- BMP C150 & WSDOT 8-01.3(1)B: Materials on hand
- BMP C160 & WSDOT 8-01.3(1)B: On-site CESCL
- BMP C162 & WSDOT 8-01.3(1)B: Scheduling and coordinating work activity

GSP's: Not applicable

Special Provisions: Not applicable

Element 13: Protect Low Impact Development (LID) Facilities (Permit Condition S9.D.13)

There are two existing LID facilities: a bioswale located on the Tulalip Liquor private property and an existing bioretention area NW of the intersection of 4th Street and 34th Avenue. The bioswale will not be disturbed, however the existing bioretention area will be modified as part of this project.

The project will construct nine stormwater treatment vaults: near the NW and SE corners of the 4th Street and 33rd Avenue NE intersection, two along the SB On-Ramp, along the SB-Off ramp, two near the 4th Street underpass below I-5, and along the NB-Off Ramp.

If runoff is allowed into any of the LID facilities prior to grass establishment, the Contractor shall install temporary erosion control measures to prevent erosion and restore the facilities to their designed conditions prior to completion of the project.

Risk Analysis:

- Low impact development BMPs that may be present on or adjacent to the project will be protected from construction activities.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C201: Grass lined channels
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence

Additional BMPs:

- BMP C102: Buffer Zones
- BMP C208: Triangular Silt Dike (TSD)
- BMP C231 & WSDOT 8-01.3(1)C7: Brush Barrier/Turbidity curtain
- BMP C234: Vegetated Strip

GSP's: Not applicable

Special Provisions: Not applicable

PURPOSE/REQUIREMENTS

- ## INSTALLATION

- 100% SUBMITTAL**

FILE NAME	U:\PSOP\Project\Client\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SYCA\CADD\IGN\PS&ES\sheet\4th Design Plans\PS1598131-4TH_PS_EC0-1.dgn				 PRELIMINARY		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 1 OF 2	PLAN REF. NO. EC0-1		
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DATE	10/3/2025			10					WASH	
PLOTTED BY	tylerjac			JOB NUMBER						
DESIGNED BY	K. BELL			CONTRACT NO.			LOCATION NO.			
ENTERED BY	B. PURGANAN									
CHECKED BY	T. NEIER									
PROJ. ENGR.	H. LONGFELLOW									
REGIONAL ADM.		REVISION	DATE	BY			SHEET 84 OF SHEETS			

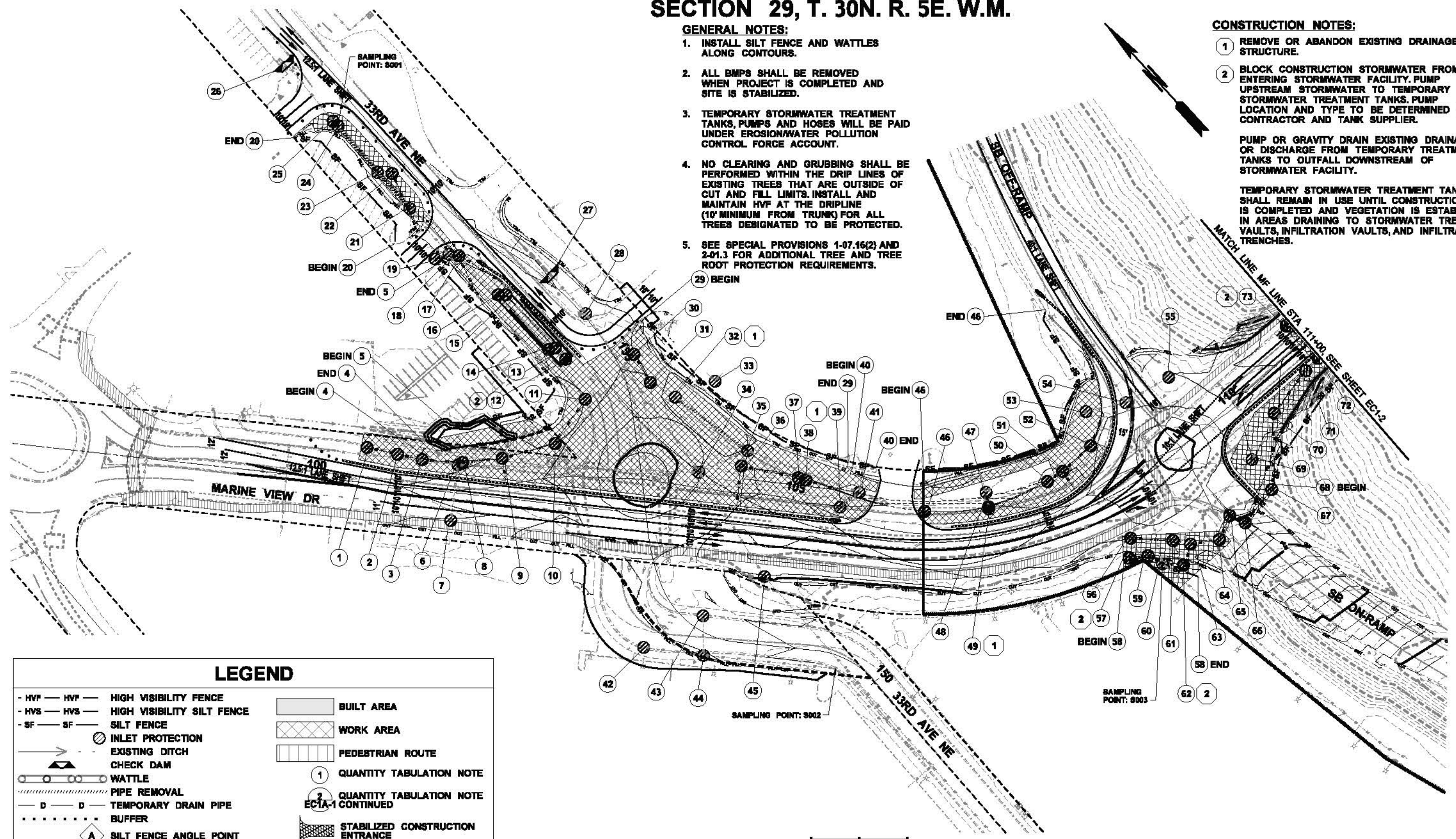
GENERAL NOTES:

1. **INSTALL SILT FENCE AND WATTLES
ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED
WHEN PROJECT IS COMPLETED AND
SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT
TANKS, PUMPS AND HOSES WILL BE PAID
UNDER EROSION/WATER POLLUTION
CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE
PERFORMED WITHIN THE DRIP LINES OF
EXISTING TREES THAT ARE OUTSIDE OF
CUT AND FILL LIMITS. INSTALL AND
MAINTAIN HVF AT THE DRILL LINE
(10' MINIMUM FROM TRUNK) FOR ALL
TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND
2-01.3 FOR ADDITIONAL TREE AND TREE
ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

**PUMP OR GRAVITY DRAIN EXISTING DRAINAGE
OR DISCHARGE FROM TEMPORARY TREATMENT
TANKS TO OUTFALL DOWNSTREAM OF
STORMWATER FACILITY.**

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.



A horizontal scale bar with three tick marks. The first tick mark is at the left end and is labeled '0'. The second tick mark is in the middle and is labeled '50'. The third tick mark is at the right end and is labeled '100'. Below the scale bar, the text 'SCALE IN FEET' is written in all capital letters.

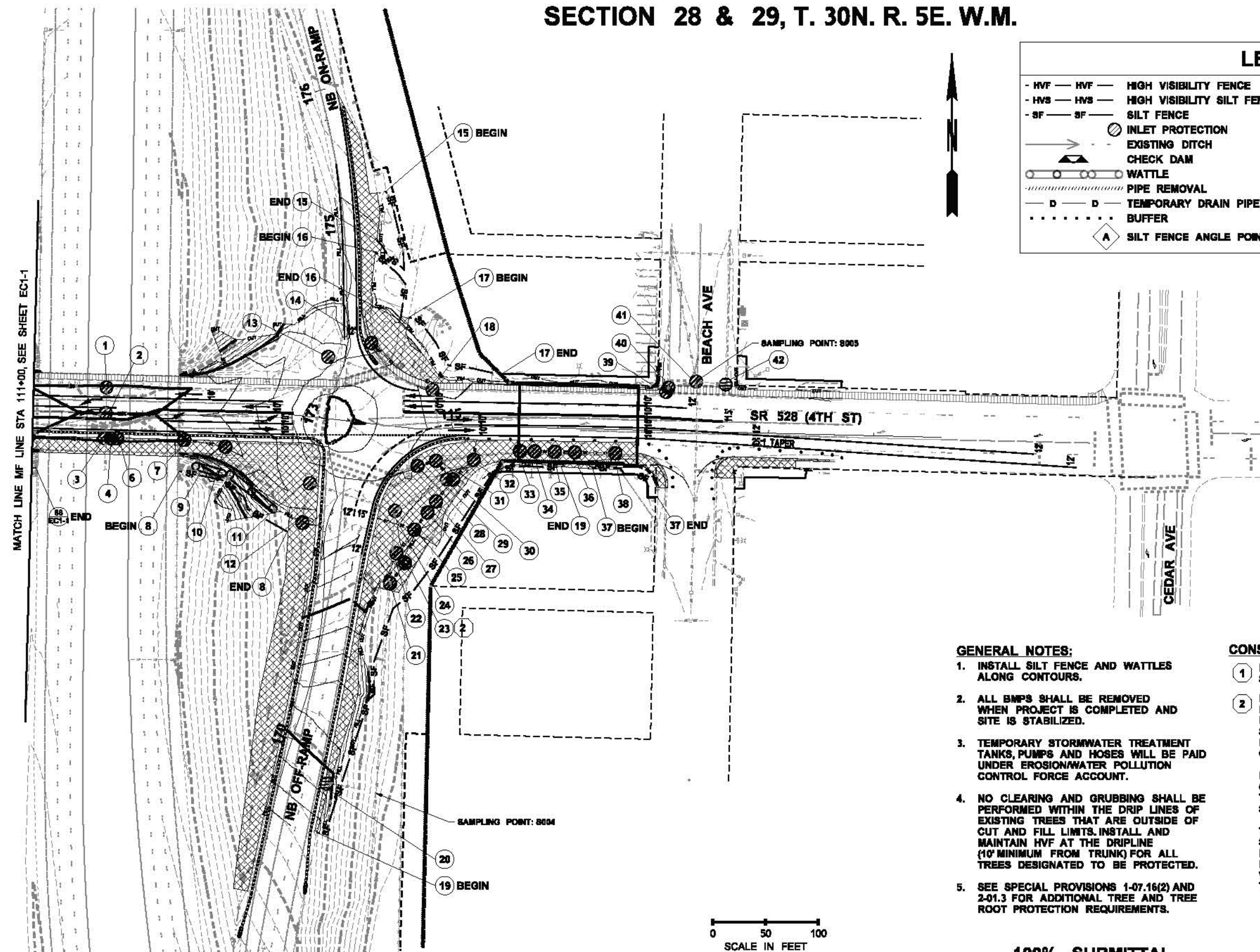
100% SUBMITTAL

STAGE 1

[illegible]

LEGEND

- HVF — HVF —	HIGH VISIBILITY FENCE	BUILT AREA
- HVS — HVS —	HIGH VISIBILITY SILT FENCE	WORK AREA
- SF — SF —	SILT FENCE	PEDESTRIAN ROUTE
	INLET PROTECTION	QUANTITY TABULATION NOTE
	EXISTING DITCH	QUANTITY TABULATION NOTE
	CHECK DAM	EC1A-1 CONTINUED
	WATTLE	STABILIZED CONSTRUCTION ENTRANCE
	PIPE REMOVAL	
— D — D —	TEMPORARY DRAIN PIPE	
.	BUFFER	
	SILT FENCE ANGLE POINT	



1. **INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.**
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.**
- PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.**
- TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.**

STAGE 1

FILE NAME		U:\PSON\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SYCA\CADD\IGNPS\3&S\sheet\4th Design Plans\PS1598131-4TH_PS_EC1-2.dgn												
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DATE	10/3/2025					10	WASH							EC1-2
PLOTTED BY	tylerjac					JOB NUMBER							SHEET 86 OF SHEETS	
DESIGNED BY	K. BELL					CONTRACT NO.			LOCATION NO.					
ENTERED BY	K. BELL													
CHECKED BY	T. NEIER													
PROJ. ENGR.	H. LONGFELLOW													
REGIONAL ADM.												TESC PLAN		
		REVISION			DATE	BY								

PLAN REF. NO.
EC2-1

SHEET
87
OF

SHEETS

SECTION 28 & 29, T. 30N. R. 5E. W.M.

CONSTRUCTION NOTES:

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

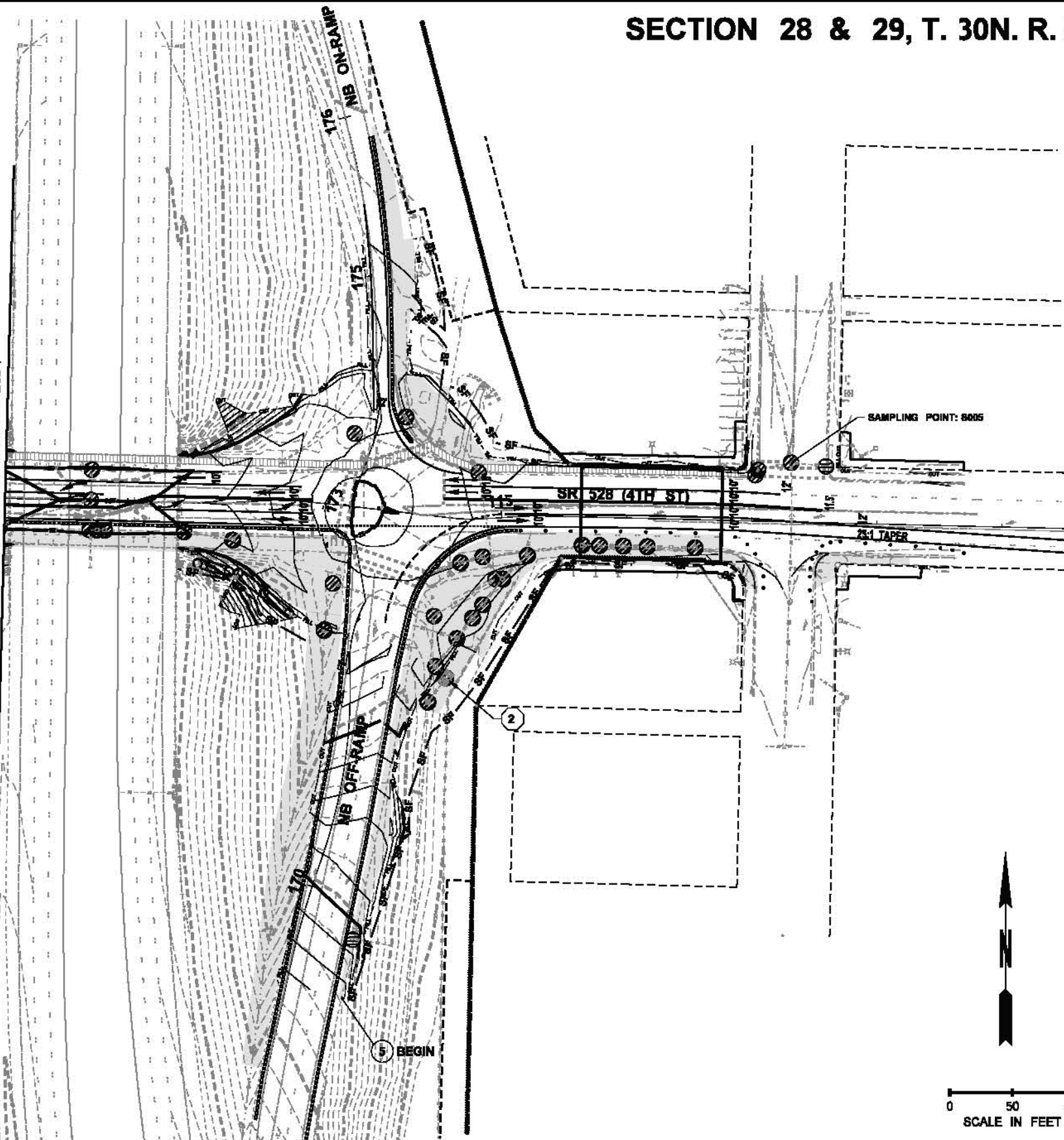
PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AN INFILTRATION TRENCHES.

GENERAL NOTES:

1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
2. ALL BMP'S SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
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5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

MATCH LINE MF LINE STA 111+00. SEE SHEET EC2-1



LEGEND

- HVF - HVF -	HIGH VISIBILITY FENCE	[Hatched Box]	BUILT AREA
- HV8 - HV8 -	HIGH VISIBILITY SILT FENCE	[Cross-hatched Box]	WORK AREA
- SF - SF -	SILT FENCE	[Horizontal Line Box]	PEDESTRIAN ROUTE
[Circle with X]	INLET PROTECTION	[Circle with 1]	1 QUANTITY TABULATION NOTE
[Dashed Line]	EXISTING DITCH	[Circle with 2]	2 QUANTITY TABULATION NOTE
[Triangle]	CHECK DAM	[Circle with EC2A-1]	EC2A-1 CONTINUED
[Wavy Line]	WATTLE	[Hatched Box]	STABILIZED CONSTRUCTION ENTRANCE
[Dashed Line]	PIPE REMOVAL		
- D - D -	TEMPORARY DRAIN PIPE		
[Dotted Line]	BUFFER		
[Diamond with A]	SILT FENCE ANGLE POINT		

100% SUBMITTAL

STAGE 2

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DATE	10/3/2025
PLOTTED BY	tylerjac
DESIGNED BY	D. SCHNEIDER
ENTERED BY	J. TYLER
CHECKED BY	P. FORZA
PROJ. ENGR.	H. LONGFELLOW
REGIONAL ADM.	
REVISION	
DATE	
BY	
REGION NO.	10
STATE	WASH
FED.AID PROJ.NO.	
CONTRACT NO.	
LOCATION NO.	



I-5 / 4TH ST AND 88TH ST NE
CORRIDOR IMPROVEMENTS
VOLUME 1 OF 2

TESC PLAN

PLAN REF. NO.
EC2-2

SHEET
88
OF
SHEETS

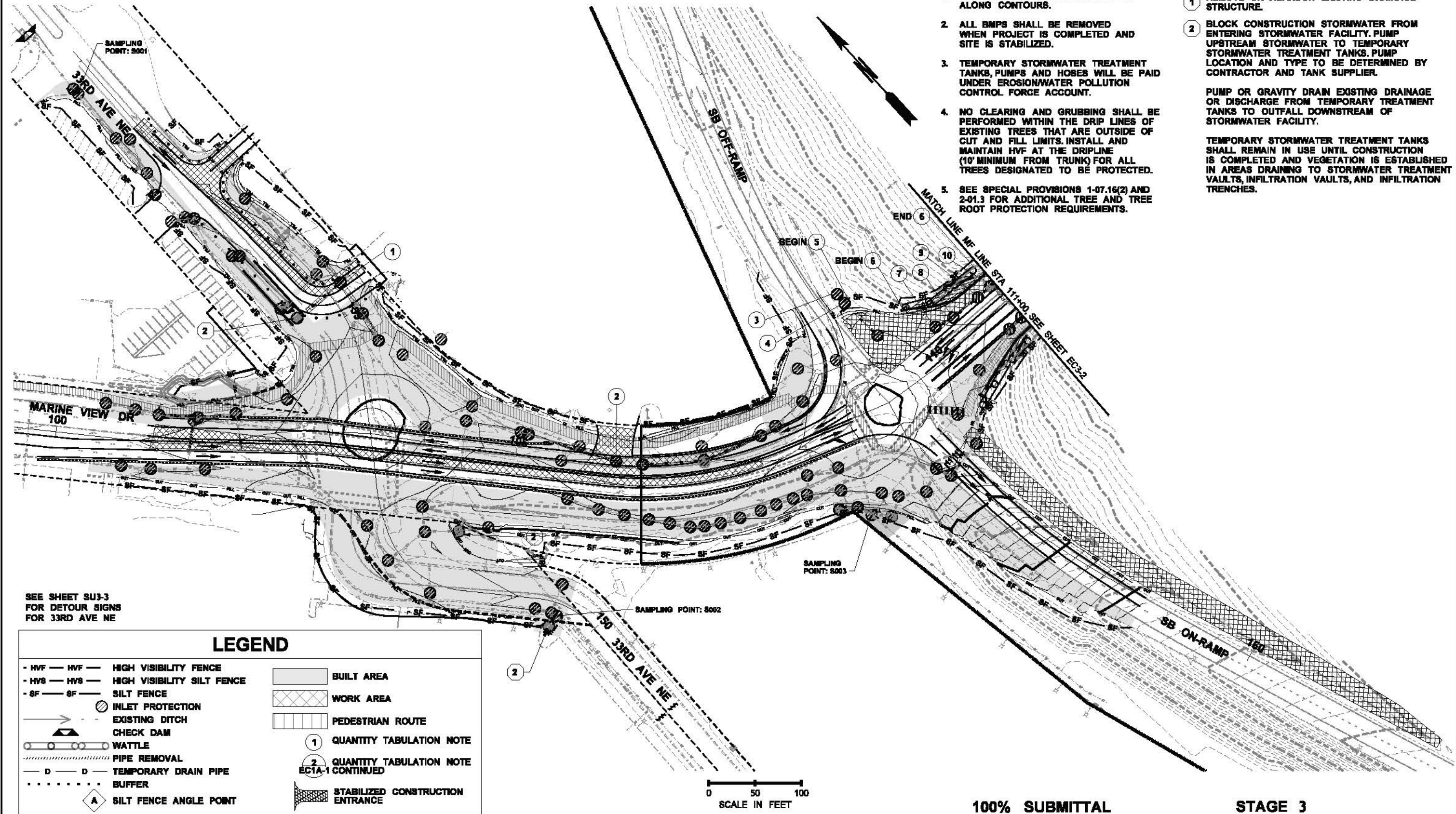
SECTION 29, T. 30N. R. 5E. W.M.

GENERAL NOTES:

- 1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
- 2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
- 3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
- 4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
- 5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

CONSTRUCTION NOTES:

- 1. REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE
 - 2. BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.
- PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.
- TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.



SEE SHEET SU3-3
FOR DETOUR SIGNS
FOR 33RD AVE NE

LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE
- HVS - HVS - HIGH VISIBILITY SILT FENCE
- SF - SF - SILT FENCE
- INLET PROTECTION
- EXISTING DITCH
- CHECK DAM
- WATTLE
- PIPE REMOVAL
- TEMPORARY DRAIN PIPE
- BUFFER
- SILT FENCE ANGLE POINT

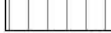
- BUILT AREA
- WORK AREA
- PEDESTRIAN ROUTE
- 1 QUANTITY TABULATION NOTE
- 2 QUANTITY TABULATION NOTE
- EC1A-1 CONTINUED
- STABILIZED CONSTRUCTION ENTRANCE

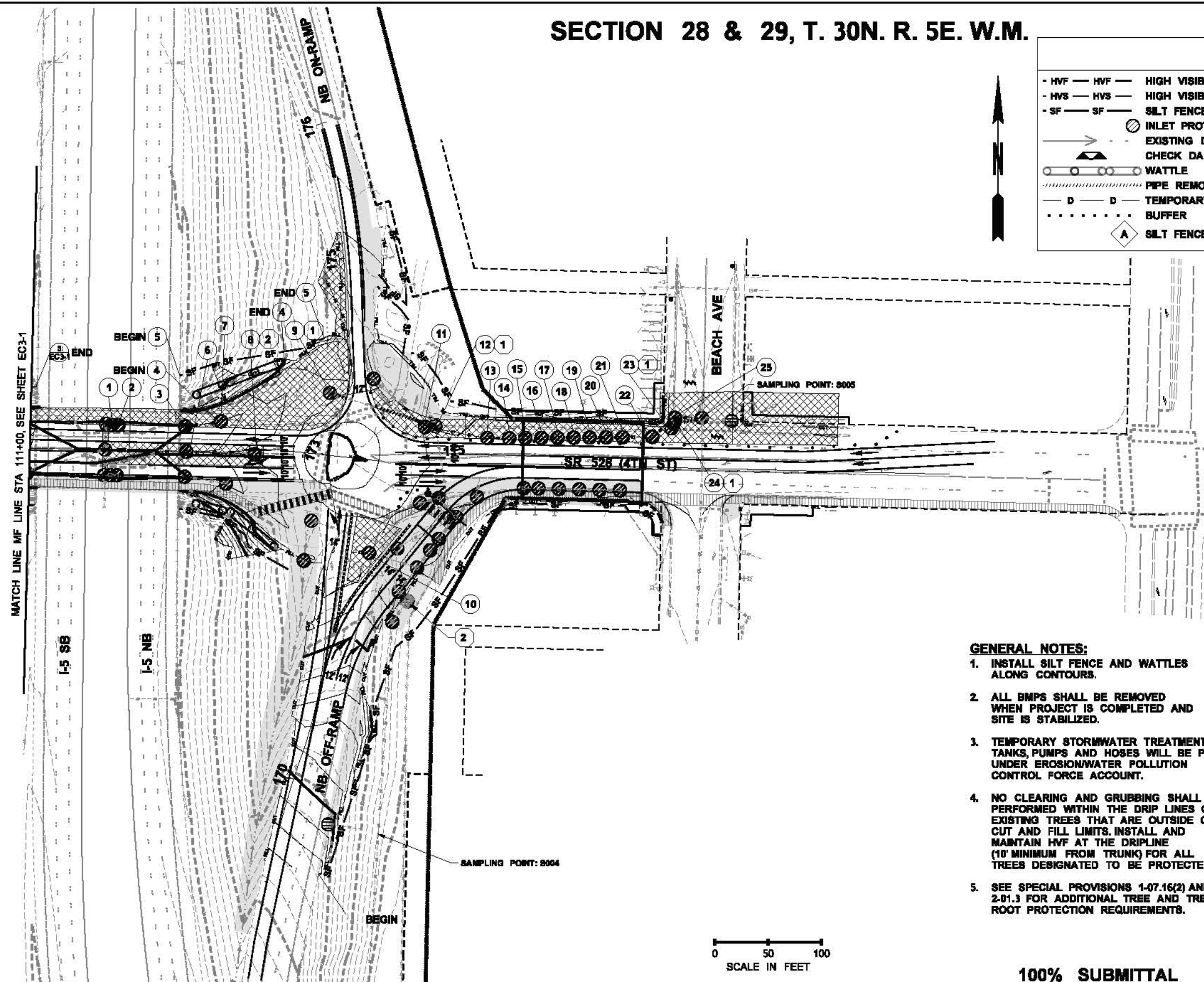
0 50 100
SCALE IN FEET

100% SUBMITTAL STAGE 3

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TIME 11:14:11 AM					REGION NO.	STATE	FED.AID PROJ.NO.	JOB NUMBER	CONTRACT NO.			LOCATION NO.	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE

LEGEND

- HVF — HVF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVS — HVS —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION	①	QUANTITY TABULATION NOTE
	EXISTING DITCH	②	QUANTITY TABULATION NOTE
	CHECK DAM	ECTA-1	CONTINUED
	WATTLE		
	PIPE REMOVAL		
— D — D —	TEMPORARY DRAIN PIPE		
.	BUFFER		
	SILT FENCE ANGLE POINT		STABILIZED CONSTRUCTION ENTRANCE



1. **INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.**

1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.

2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.

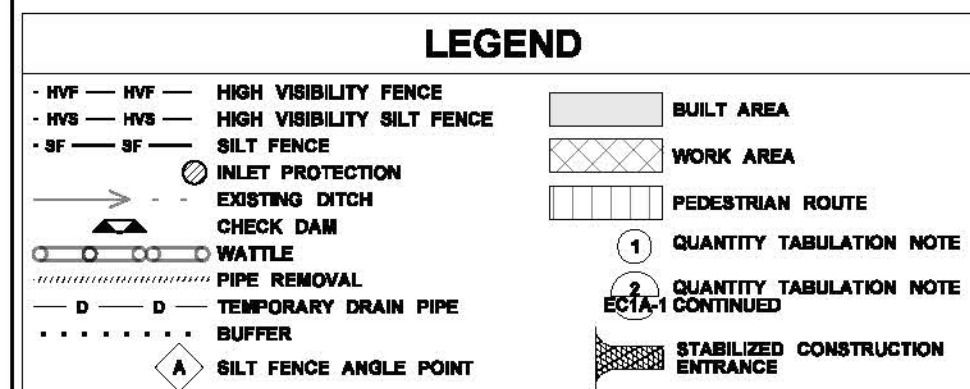
STAGE 3

FILE NAME	U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SWCA\CADD\IGNP\S&ESheets\4th Design Plans\P81598131-4TH_PS_EC3-2.dgn							
TIME	11:14:16 AM					FED.AID PROJ.NO.		
DATE	10/3/2025							
PLOTTED BY	tylerjac							
DESIGNED BY	K. BELL							
ENTERED BY	K. BELL							
CHECKED BY	T. NEIER							
PROJ. ENGR.	H. LONGFELLOW							
REGIONAL ADM.								
		REVISION		DATE	BY			

1. **INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRILL LINE (10" MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

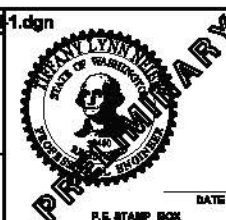
TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.



A horizontal scale bar with three tick marks. The first tick mark is at the left end and is labeled '0'. The second tick mark is in the middle and is labeled '50'. The third tick mark is at the right end and is labeled '100'. Below the scale bar, the text 'SCALE IN FEET' is written in all capital letters.

STAGE 4

FILE NAME		U:\PSOI\Project\Clients\1598-TulalipTribes\1554-1598-131_4thSt 88thSt Corridor\99SWCA\CADD\IDGNP\S&ESheets\4th Design Plans\PS1598131-4TH_PS_EC4-1.dgn									
TIME	11:14:23 AM							REGION NO.	STATE	FED.AID PROJ.NO.	
DATE	10/3/2025							10	WASH		
PLOTTED BY	tylerjac							JOB NUMBER			
DESIGNED BY	K. BELL									LOCATION NO.	
ENTERED BY	K. BELL										
CHECKED BY	T. NEIER							CONTRACT NO.			
PROJ. ENGR.	H. LONGFELLOW										
REGIONAL ADM.											



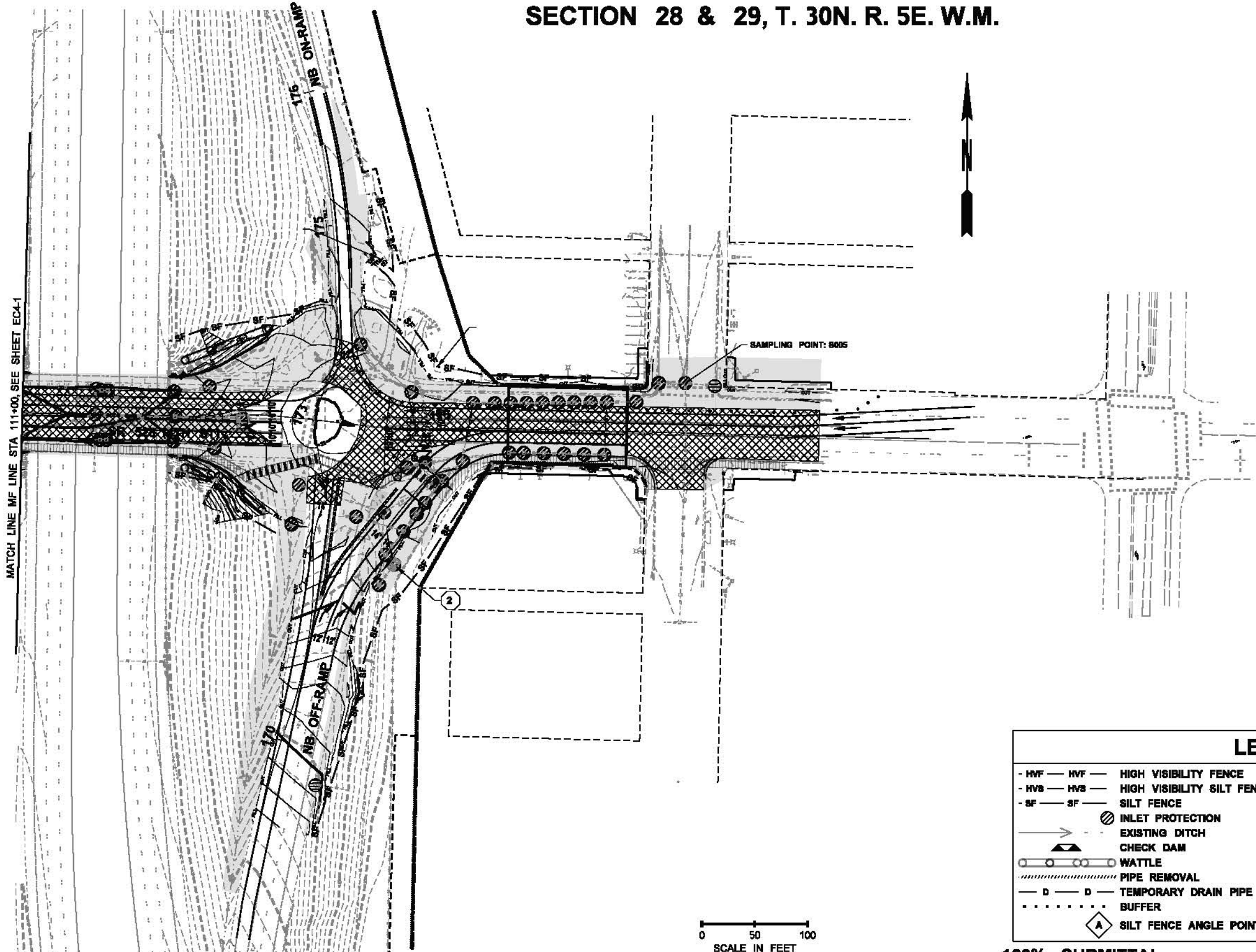
TESC PLAN

PLAN REF. NO.
EC4-1

SHEET
91
OF

SHEETS

SECTION 28 & 29, T. 30N. R. 5E. W.M.



- CONSTRUCTION NOTES:**
- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
 - 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.
- PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.
- TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AN INFILTRATION TRENCHES.

- GENERAL NOTES:**
1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
 2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
 3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
 4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
 5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE	BUILT AREA
- HVS - HVS - HIGH VISIBILITY SILT FENCE	WORK AREA
- SF - SF - SILT FENCE	PEDESTRIAN ROUTE
INLET PROTECTION	1 QUANTITY TABULATION NOTE
EXISTING DITCH	2 QUANTITY TABULATION NOTE
CHECK DAM	EC1A-1 CONTINUED
WATTLE	STABILIZED CONSTRUCTION ENTRANCE
PIPE REMOVAL	
- D - D - TEMPORARY DRAIN PIPE	
... .. BUFFER	
A SILT FENCE ANGLE POINT	

100% SUBMITTAL

STAGE 4

FILE NAME	U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\936\cadd\IDGN\PS&ES\Sheet\4th Design Plan\1598131-4TH PS EC4-2.dgn
TIME	11:14:31 AM
DATE	10/3/2025
PLOTTED BY	tylerjac
DESIGNED BY	K. BELL
ENTERED BY	K. BELL
CHECKED BY	T. NEIER
PROJ. ENGR.	H. LONGFELLOW
REGIONAL ADM.	
REVISION	DATE BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.	LOCATION NO.	



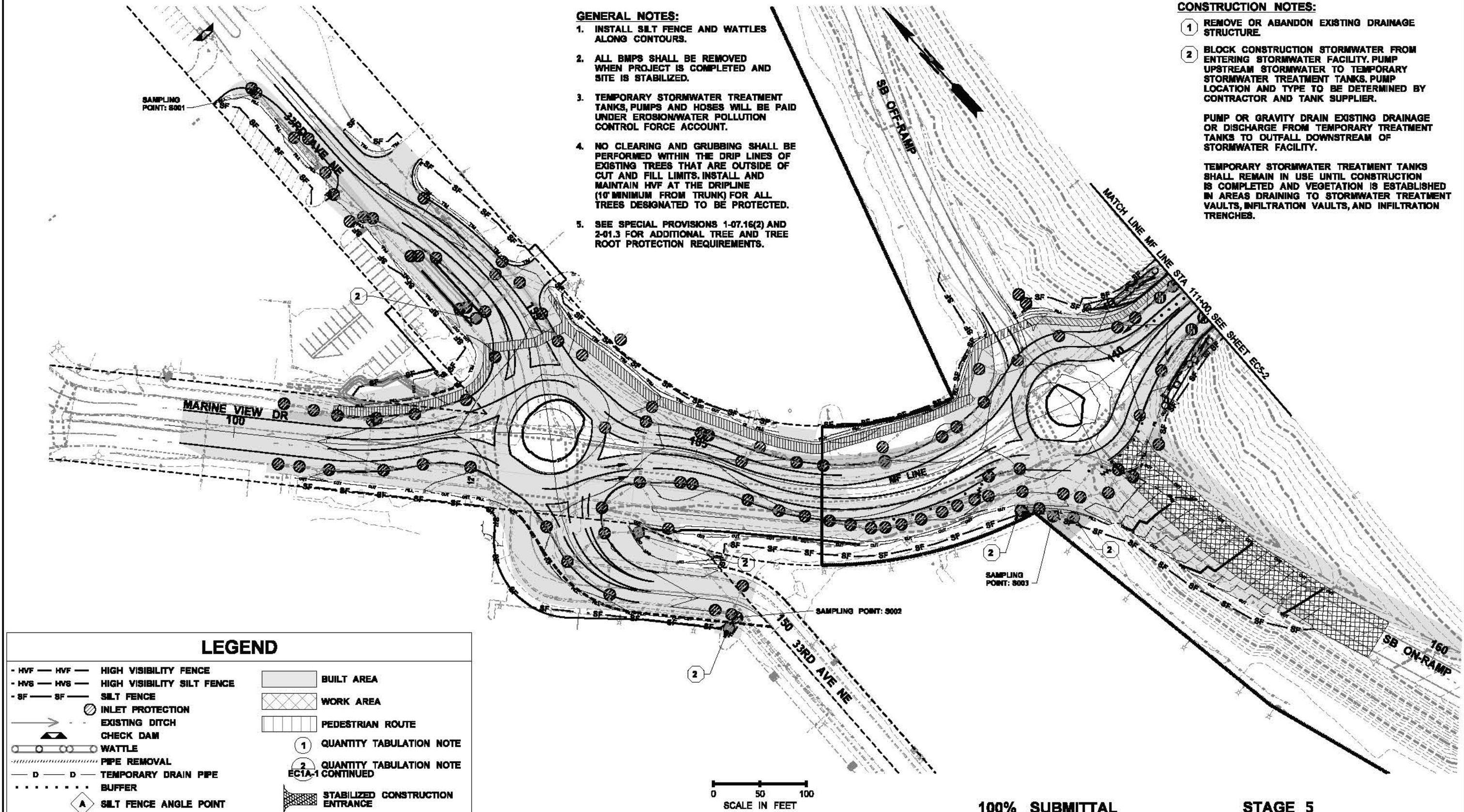
I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 1 OF 2	PLAN REF. NO. EC4-2
TESC PLAN	SHEET 92 OF SHEETS

1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE**
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.**

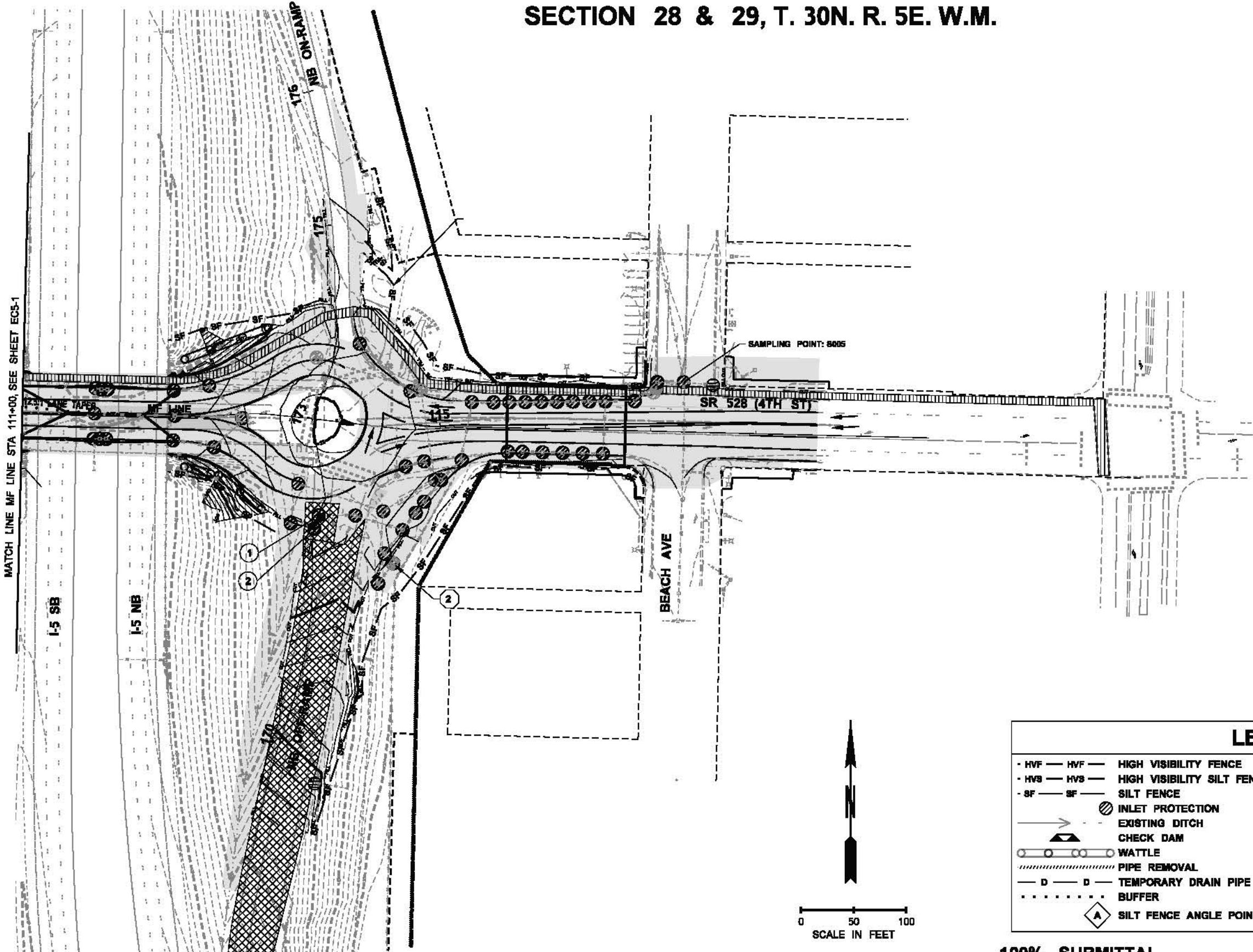
PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.



FILE NAME										U:\PSO\Project\Clients\1598-Tulalip Tribes\1554-1598-131_4th St 88th St Corridor\99SYCALCADD\IGNP\S&ESheet\4th Design Plans\PB1598131-4TH_PS_EC5-1.dgn										 PRELIMINARY DATE _____ P.E. STAMP BOX _____  Parametrix										I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 1 OF 2										PLAN REF. NO. EC5-1																													
TIME										11:14:46 AM																				FED.AID PROJ.NO.										SHEET 93 OF																													
DATE										10/3/2025																																																											
PLOTTED BY										tylerjac																																																											
DESIGNED BY										K. BELL																																																											
ENTERED BY										K. BELL																																																											
CHECKED BY										T. NEMER																																																											
PROJ. ENGR.										H. LONGFELLOW																																																											
REGIONAL ADM.																																																																					
										REVISION										DATE										BY																				TESC PLAN										SHEETS									

SECTION 28 & 29, T. 30N. R. 5E. W.M.



- CONSTRUCTION NOTES:**
- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
 - 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.
- PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.
- TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AN INFILTRATION TRENCHES.

- GENERAL NOTES:**
- 1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
 - 2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
 - 3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/STORMWATER POLLUTION CONTROL FORCE ACCOUNT.
 - 4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
 - 5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

LEGEND

• HVF — HVF — HIGH VISIBILITY FENCE

• HVS — HVS — HIGH VISIBILITY SILT FENCE

• SF — SF — SILT FENCE

— — — — — EXISTING DITCH

— — — — — CHECK DAM

— — — — — WATTLE

— — — — — PIPE REMOVAL

— D — D — TEMPORARY DRAIN PIPE

• • • • • BUFFER

◊ A ◊ SILT FENCE ANGLE POINT

■ BUILT AREA

▨ WORK AREA

▤ PEDESTRIAN ROUTE

① QUANTITY TABULATION NOTE

② QUANTITY TABULATION NOTE

EC-1A-1 CONTINUED

▩ STABILIZED CONSTRUCTION ENTRANCE

100% SUBMITTAL

STAGE 5

FILE NAME	U:\P801\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\1936\calCADD\IGN\PS&ES\Sheet\4th Design Plan\1598131-4TH PS_EC5-2.dgn
TIME	11:15:03 AM
DATE	10/3/2025
PLOTTED BY	tylerjac
DESIGNED BY	K. BELL
ENTERED BY	K. BELL
CHECKED BY	T. NEIER
PROJ. ENGR.	H. LONGFELLOW
REGIONAL ADM.	
REVISION	DATE BY
REVISION NO.	STATE
10	WASH
JOB NUMBER	
CONTRACT NO.	LOCATION NO.

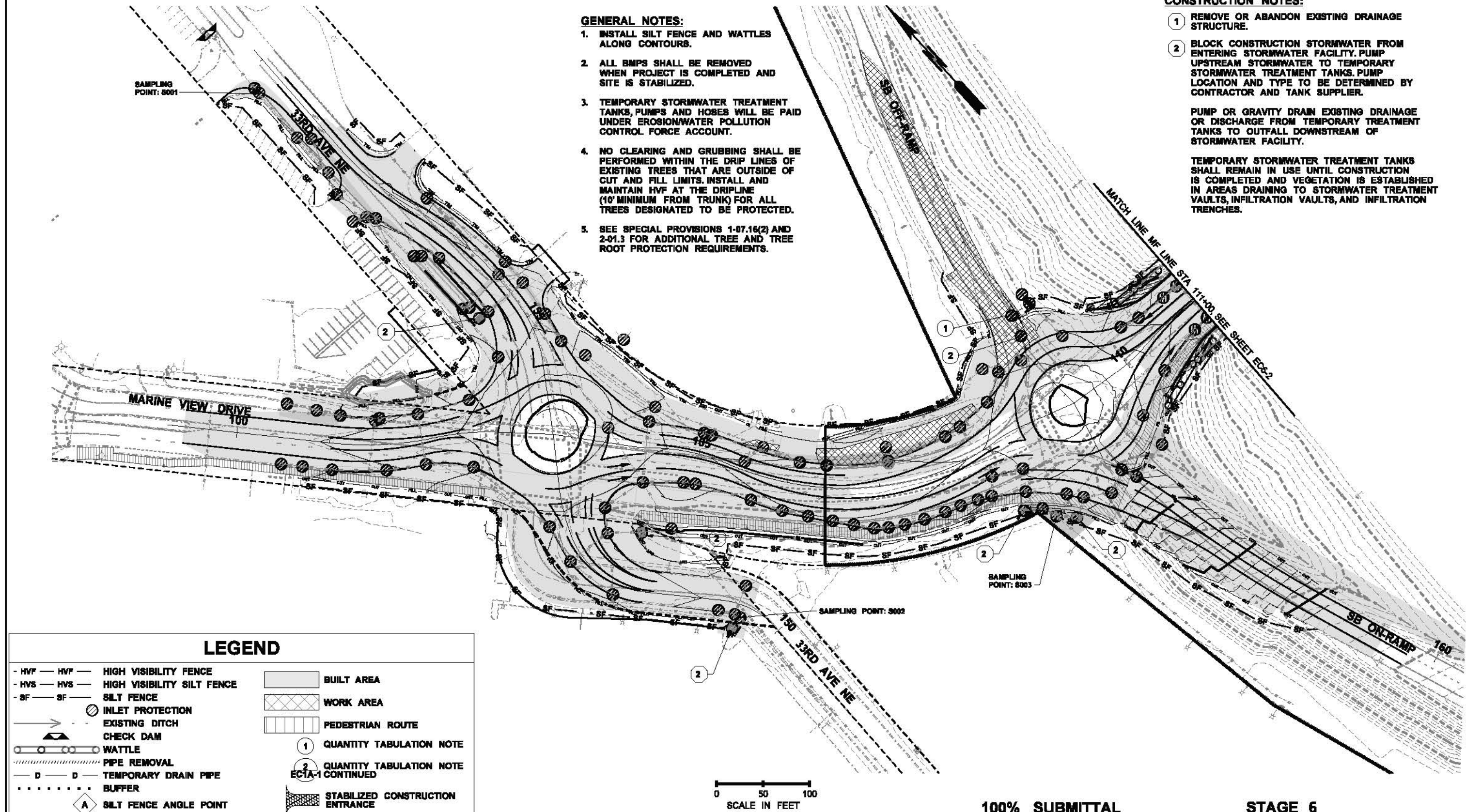


I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 1 OF 2	PLAN REF. NO. EC5-2
TESC PLAN	SHEET 94 OF SHEETS

1. **INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRILINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.



- HVF — HVF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVS — HVS —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION	①	QUANTITY TABULATION NOTE
	EXISTING DITCH	②	QUANTITY TABULATION NOTE
	CHECK DAM	EC1A-1	CONTINUED
	WATTLE		STABILIZED CONSTRUCTION ENTRANCE
	PIPE REMOVAL		
	TEMPORARY DRAIN PIPE		
	BUFFER		
	SILT FENCE ANGLE POINT		

A horizontal scale bar with three tick marks. The first tick mark is at the left end and is labeled '0'. The second tick mark is in the middle and is labeled '50'. The third tick mark is at the right end and is labeled '100'. Below the scale bar, the text 'SCALE IN FEET' is written in all capital letters.

STAGE 6

FILE NAME	U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\999\cadd\IDGN\PS&ES\sheet\4th Design Plans\PS1598131-4TH_P8_EC6-1.dgn						
TIME	11:15:21 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	10/3/2025				10	WASH	
PLOTTED BY	tylerjac				JOB NUMBER		
DESIGNED BY	K. BELL						
ENTERED BY	K. BELL						
CHECKED BY	T. NEIER				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	H. LONGFELLOW						
REGIONAL ADM.		REVISION		DATE	BY		



TESC PLAN

SHEET
95
OF
SHEETS

SECTION 28 & 29, T. 30N. R. 5E. W.M.

CONSTRUCTION NOTES:

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

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GENERAL NOTES:

1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/POLLUTION CONTROL FORCE ACCOUNT.
4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

The site plan shows a road intersection at SR 528 (4th St) and Beach Ave. To the west of the intersection is a large area with topographic contours and various construction features. A 'MATCH LINE MF LINE STA 111+00, SEE SHEET EC6-1' is indicated on the left. A 'NB ON-RAMP' is shown at the top, and a 'NB OFF-RAMP' is shown at the bottom. A 'SAMPLING POINT: 8005' is marked on Beach Ave. The plan includes numerous silt fences (SF), wattles (W), and high visibility fences (HVF). A 'STABILIZED CONSTRUCTION ENTRANCE' is shown near the bottom left. A north arrow and a scale bar (0 to 100 feet) are located at the bottom center.

LEGEND

- HVF - HVF -	HIGH VISIBILITY FENCE	[Hatched Box]	BUILT AREA
- HVS - HVS -	HIGH VISIBILITY SILT FENCE	[Cross-hatched Box]	WORK AREA
- SF - SF -	SILT FENCE	[Horizontal Line Box]	PEDESTRIAN ROUTE
[Circle with X]	INLET PROTECTION	[Circle with 1]	1 QUANTITY TABULATION NOTE
[Dashed Line]	EXISTING DITCH	[Circle with 2]	2 QUANTITY TABULATION NOTE
[Triangle]	CHECK DAM	[Circle with EC1A-1]	EC1A-1 CONTINUED
[Line with Circles]	WATTLE	[Hatched Box]	STABILIZED CONSTRUCTION ENTRANCE
[Dashed Line]	PIPE REMOVAL		
- D - D -	TEMPORARY DRAIN PIPE		
[Dotted Line]	BUFFER		
[Diamond with A]	SILT FENCE ANGLE POINT		

1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.

2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

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1. **INSTALL SILT FENCE AND WATTLES
ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED
WHEN PROJECT IS COMPLETED AND
SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT
TANKS, PUMPS AND HOSES WILL BE PAID
UNDER EROSION/WATER POLLUTION
CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE
PERFORMED WITHIN THE DRIP LINES OF
EXISTING TREES THAT ARE OUTSIDE OF
CUT AND FILL LIMITS. INSTALL AND
MAINTAIN HVF AT THE DRIPLINE
(10' MINIMUM FROM TRUNK) FOR ALL
TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND
2-01.3 FOR ADDITIONAL TREE AND TREE
ROOT PROTECTION REQUIREMENTS.**

LEGEND

- HVF — HVF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVS — HVS —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION	①	QUANTITY TABULATION NOTE
	EXISTING DITCH	②	QUANTITY TABULATION NOTE
	CHECK DAM	ECTA-1	CONTINUED
	WATTLE		STABILIZED CONSTRUCTION ENTRANCE
	PIPE REMOVAL		
— D — D —	TEMPORARY DRAIN PIPE		
.	BUFFER		
	SILT FENCE ANGLE POINT		

STAGE 6

TIME	11:15:37 AM					ROOM NO.	STATE	FED.AID PROJ.NO.
DATE	10/3/2025					10	WASH	
PLOTTED BY	tylerjac					JOB NUMBER		LOCATION NO.
DESIGNED BY	K. BELL							
ENTERED BY	K. BELL							
CHECKED BY	T. NEIER							
PROJ. ENGR.	H. LONGFELLOW					CONTRACT NO.		
REGIONAL ADM.			REVISION		DATE	BY		

LOCATION NO.



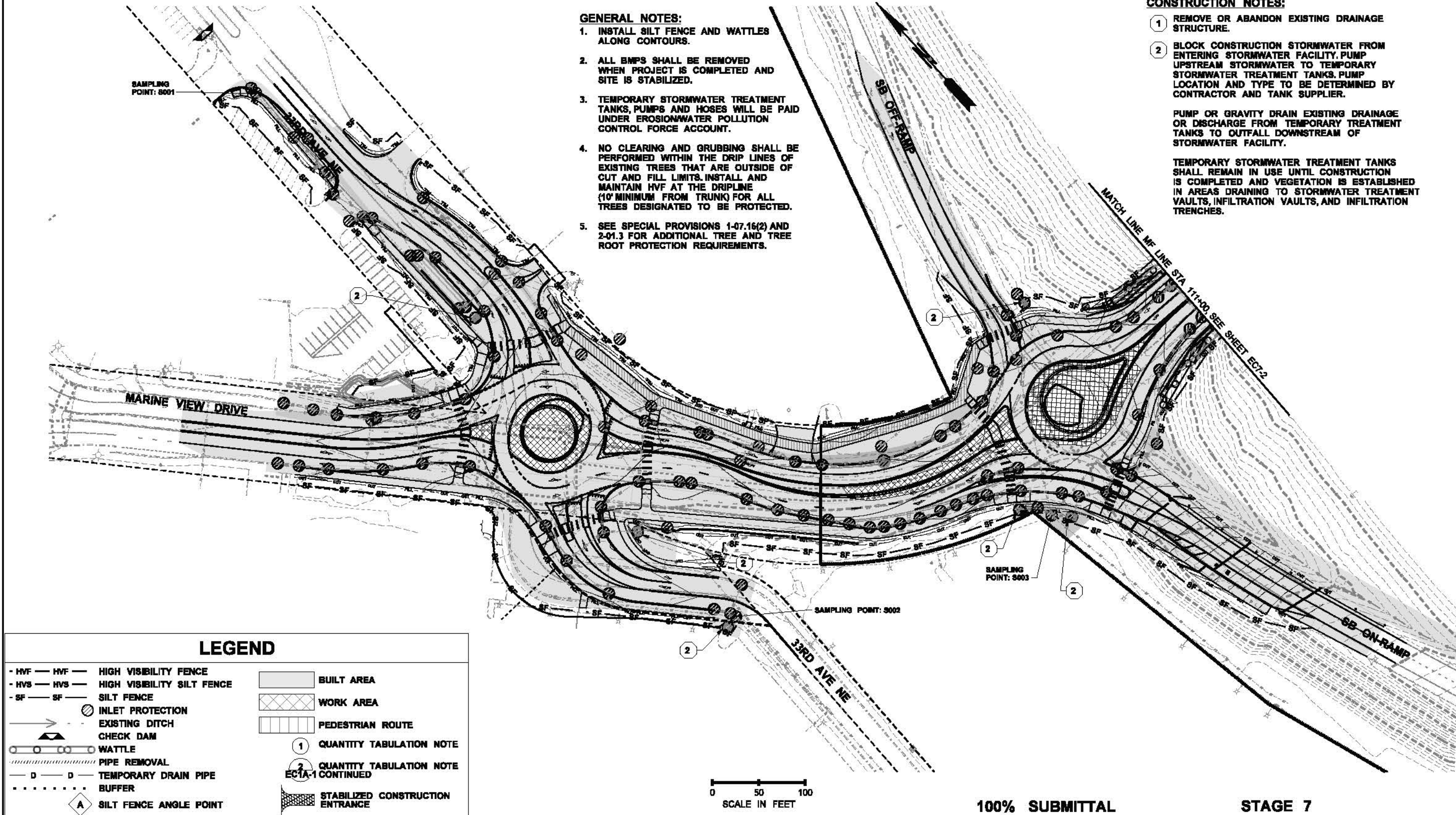
TESC PLAN

SHEET
96
OF
SHEETS

SECTION 29, T. 30N. R. 5E. W.M.

- GENERAL NOTES:**
1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
 2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
 3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/POLLUTION CONTROL FORCE ACCOUNT.
 4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
 5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

- CONSTRUCTION NOTES:**
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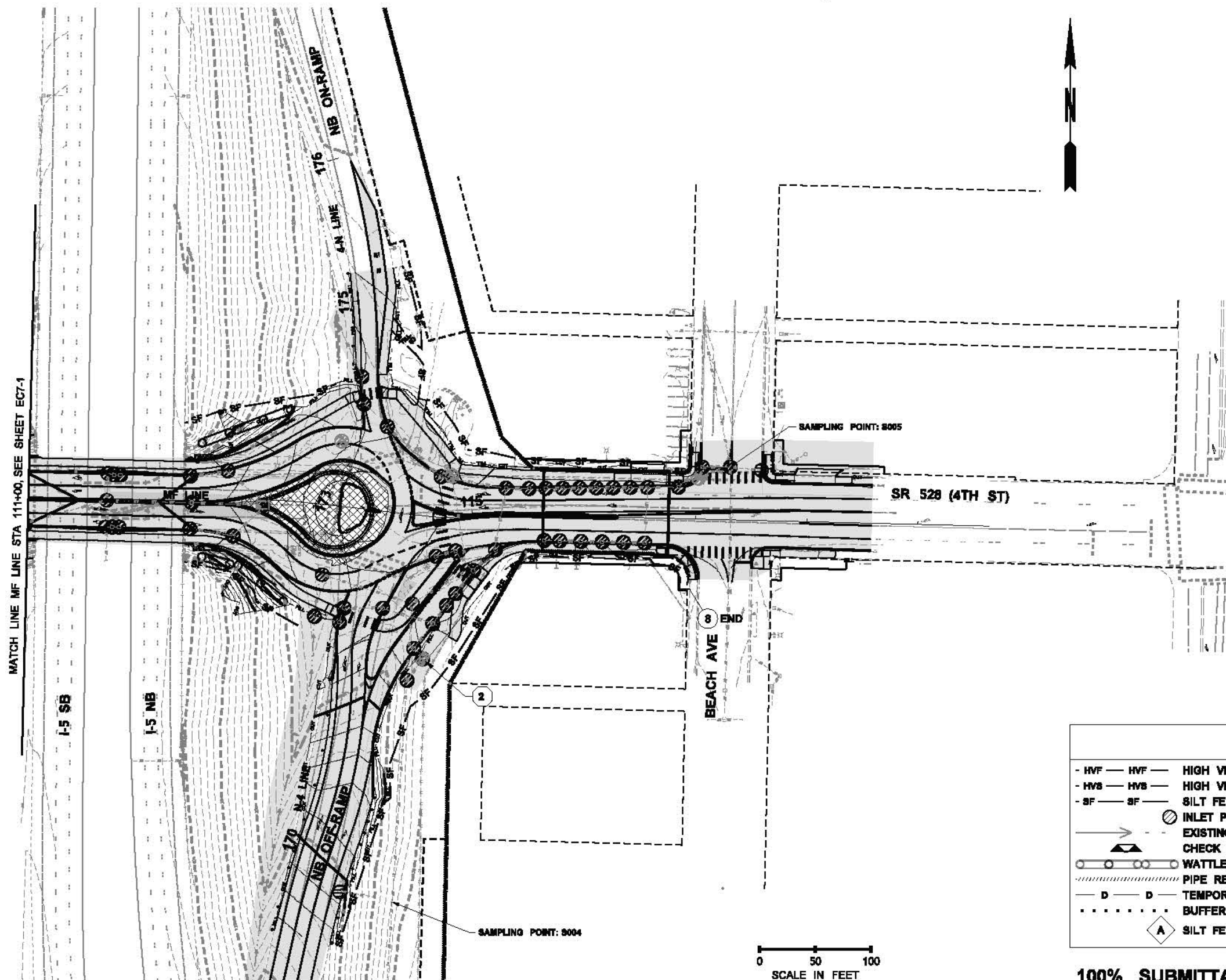


LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE	BUILT AREA
- HVS - HVS - HIGH VISIBILITY SILT FENCE	WORK AREA
- SF - SF - SILT FENCE	PEDESTRIAN ROUTE
INLET PROTECTION	1 QUANTITY TABULATION NOTE
EXISTING DITCH	2 QUANTITY TABULATION NOTE
CHECK DAM	EC1A-1 CONTINUED
WATTLE	STABILIZED CONSTRUCTION ENTRANCE
PIPE REMOVAL	
- D - D - TEMPORARY DRAIN PIPE	
BUFFER	
A SILT FENCE ANGLE POINT	

FILE NAME U:\PSO\Project\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99S\CA\DD\GNPS&ES\Sheet\4th Design Plans\PS1598131-4TH_PS_EC7-1.dgn				FED AID PROJ. NO.		TULALIP TRIBES		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 1 OF 2		PLAN REF. NO. EC7-1
TIME 11:15:58 AM				REGION NO. 10	STATE WASH	TULALIP TRIBES Parametrix		TESC PLAN		SHEET 97 OF 97
DATE 10/3/2025				JOB NUMBER						
PLOTTED BY tylerjac				CONTRACT NO.		TULALIP TRIBES Parametrix		TESC PLAN		SHEET 97 OF 97
DESIGNED BY K. BELL				LOCATION NO.						
ENTERED BY K. BELL						TULALIP TRIBES Parametrix		TESC PLAN		SHEET 97 OF 97
CHECKED BY T. NEIER										
PROJ. ENGR. H. LONGFELLOW						TULALIP TRIBES Parametrix		TESC PLAN		SHEET 97 OF 97
REGIONAL ADM.										
	REVISION	DATE	BY			TULALIP TRIBES Parametrix		TESC PLAN		SHEET 97 OF 97

SECTION 28 & 29, T. 30N. R. 5E. W.M.



CONSTRUCTION NOTES:

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

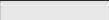
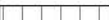
PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AN INFILTRATION TRENCHES.

GENERAL NOTES:

- 1. INSTALL SILT FENCE AND WATTLES
ALONG CONTOURS.**
- 2. ALL BMPs SHALL BE REMOVED
WHEN PROJECT IS COMPLETED AND
SITE IS STABILIZED.**
- 3. TEMPORARY STORMWATER TREATMENT
TANKS, PUMPS AND HOSES WILL BE PAID
UNDER EROSION/WATER POLLUTION
CONTROL FORCE ACCOUNT.**
- 4. NO CLEARING AND GRUBBING SHALL BE
PERFORMED WITHIN THE DRIP LINES OF
EXISTING TREES THAT ARE OUTSIDE OF
CUT AND FILL LIMITS. INSTALL AND
MAINTAIN HVF AT THE DRILLINE
(10' MINIMUM FROM TRUNK) FOR ALL
TREES DESIGNATED TO BE PROTECTED.**
- 5. SEE SPECIAL PROVISIONS 1-07.16(2) AND
2-01.3 FOR ADDITIONAL TREE AND TREE
ROOT PROTECTION REQUIREMENTS.**

LEGEND

- HVF — HVF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVS — HVS —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION		QUANTITY TABULATION NOTE
	EXISTING DITCH		QUANTITY TABULATION NOTE
	CHECK DAM	ECTA-1 CONTINUED	
	WATTLE		STABILIZED CONSTRUCTION ENTRANCE
	PIPE REMOVAL		
— D — D —	TEMPORARY DRAIN PIPE		
.	BUFFER		
	SILT FENCE ANGLE POINT		

100% SUBMITTAL

STAGE 7

FILE NAME		U:\PSON\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SYCA\CADD\IGN\PS&ES\sheet\4th Design Plans\PS1598131-4TH_PS_EC7.2.dgn											
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DATE		10/3/2025						10		WASH			
PLOTTED BY		tylerjac						JOB NUMBER					
DESIGNED BY		K. BELL											
ENTERED BY		K. BELL						CONTRACT NO.		LOCATION NO.			
CHECKED BY		T. NEIER											
PROJ. ENGR.		H. LONGFELLOW											
REGIONAL ADM.				REVISION		DATE		BY					

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DEPARTMENT OF TRANSPORTATION

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DEPARTMENT OF TRANSPORTATION

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TULALIP TRIBES

Parametrix

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TEMPORARY EROSION SEDIMENT CONTROL PLAN NARRATIVE

I-5/4th Street and 88th Street NE Corridor Improvements 88th Street NE Corridor

The Tulalip Tribes of Washington

Permit: WAR *XXXXXX*

Contractor: TBD

TESC Plans are currently under design.

Project Engineer:

Tiffany Neier, PE

TESC Plan Designer:

Kathleen Bell, PE

PROJECT INFORMATION

Project name: I-5/4th Street and 88th Street NE Corridor Improvements, 88th Street NE Corridor

Location: This project crosses both Tulalip Tribal lands (Tribes) and the City of Marysville (Marysville). As a result, construction stormwater is covered under two permits:

- Tribes: Construction activities on Tribal lands are covered under the U.S. Environmental Protection Agency (EPA) Construction General Permit (CGP).
- Marysville: CSWGP – Washington State Department of Ecology (Ecology) Construction Stormwater General Permit (CSWGP).

Transfer of Coverage: Yes

Permittee: Coverage will be transferred from the respective jurisdiction to the Contractor upon Bid Award

Total disturbed acreage identified in the Notice of Intent (NOI): 2.66 acres (Marysville).

Note: Additional disturbance occurs on Tulalip lands and is permitted under EPA's CGP; it is not included in this NOI.

Existing contamination identified in the NOI: No

Permitted construction outfalls to be identified in the NOI:

Each Threshold Discharge Area (TDA) is assigned to one permit based on jurisdiction. Table 1 lists NOI outfalls with their receiving waters, coordinates, TDA, and permit coverage. Outfalls under CSWGP are subject to Ecology review; those under CGP are included for completeness but regulated by EPA. These locations match the Temporary Erosion and Sediment Control (TESC) plans and Stormwater Pollution Prevention Plan (SWPPP).

Table 1. 88th Street NE Corridor Permitted Construction Outfalls

NOI Outfall #	Receiving Surface Waterbody Name	Latitude Longitude Coordinates	Coverage
S006	Coho Creek – TDA 5	48.075779, -122.189278	EPA CGP (Tribes)
S007	Coho Creek – TDA 5	48.076121, -122.189053	EPA CGP (Tribes)
S008	Coho Creek – TDA 5	48.076006, -122.189012	EPA CGP (Tribes)
S009	Coho Creek – TDA 5	48.075892, -122.188311	EPA CGP (Tribes)
S010	Coho Creek – TDA 5	48.076416, -122.188134	EPA CGP (Tribes)
S011	Coho Creek – TDA 5	48.075459, -122.187892	EPA CGP (Tribes)
S012	Coho Creek – TDA 6	48.07412, -122.185478	EPA CGP (Tribes)
S013	Quilceda Creek – TDA 7	48.074109, -122.184384	EPA CGP (Tribes)
S014	Quilceda Creek- TDA 8	48.075802, -122.182905	Ecology CSWGP (Marysville)
S015	Quilceda Creek- TDA 8	48.075768, -122.181254	Ecology CSWGP (Marysville)

Waterbody impairments or approved Total Maximum Daily Load (TMDL) applicable to construction outfalls: Yes (Table 2)

Table 2. Impaired Waterbody

Impaired Waterbody Name	Impairment	Additional Action Required?
Quilceda Creek- Assessment Unit Id: 17110011000126_004_004	Category 5 303(d) (water): Dissolved Oxygen Category 4A (water)- Bacteria, Fecal Coliform	Additional actions are incorporated into Elements 1 through 10 of this TESC narrative and included in the Stormwater Pollution Prevention Plan, and Proposed New Discharge to Impaired Waterbody form anticipated to be submitted to Ecology. Discharge sampling must be done in accordance with S8 of the Permit.

CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL)

The Certified Erosion and Sediment Control Lead (CESCL) that will perform permit required site inspections and discharge sampling during construction may not be known during the TESC plan design process. This section is intended to be used during construction to identify the CESCL(s) in accordance with S4.B.4 of the permit.

Name: TBD CESCL ID#: TBD Expiration Date: TBD
Contact Number: TBD

Name: TBD CESCL ID#: TBD Expiration Date: TBD
Contact Number: TBD

Name: TBD CESCL ID#: TBD Expiration Date: TBD
Contact Number: TBD

Existing CESCL certification information can be found: <https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Certified-erosion-sediment-control>

CONSTRUCTION SCHEDULE

The staging shown on the TESC SU-series sheets covers the entire project (Tulalip + Marysville). This TESC narrative/NOI addresses Ecology CSWGP coverage within Marysville; work on Tulalip lands is covered under EPA CGP. Construction of the 88th Street NE corridor is anticipated to start in August 2026 and will occur in eight stages. The sequencing of work activities, including installation and removal of temporary erosion and sediment control Best Management Practice (BMP), is shown in the 88th Street NE TESC staging sheets (SU-series). This narrative does not duplicate that schedule; the TESC plan set is the controlling document. Construction is anticipated to last 48 months wrapping up in June 2030.

EXISTING SITE CONDITIONS

Table 3. 88th Street NE Corridor Existing Conditions

Total Project Acreage:	21.8 Acres (does not include staging areas)
Total Project Disturbed Acreage:	15.5 Acres
Disturbed Acreage (Marysville):	2.66 (Ecology CSWGP)
Existing Structures:	Existing roadway, ramps, ditches and conveyance elements and facilities
Landscape Topography:	Generally flat with roadway grades and ditches; side slopes not exceeding 2:1
Drainage Patterns:	Mixed open/closed system: roadside ditches, catch basins, and culverts discharging to Coho Creek and Quilceda Creek
Existing Vegetation:	Grass slopes, landscaped areas, and hardier vegetation in intersection gore areas
Critical Areas (wetlands, streams, high erosion risk, steep or difficult to stabilize slopes):	Streams: Coho Creek (in-channel work for culvert removal/bridge construction) and Quilceda Creek (adjacent). Localized steep/difficult-to-stabilize slopes in the Coho Creek work zone; high erosion risk—stabilize per TESC SU/ECD slope protection details.
List of known impairments for 303(d) listed or TMDL for the receiving waterbody:	Quilceda Creek: Dissolved Oxygen (Category 5) and bacteria- fecal coliform

Soils

The major soil type within the project limits, as identified by the U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) is Ragnar Fine Sandy Loam. The WSS estimates this soil type constitutes over 90% of the TDA area. It is a well-draining soil of Hydrologic Soil Group A. The remaining soil type identified in the WSS is Noema loam, a poorly draining soil located within the Coho Creek corridor. The data is summarized in Table 4.

Table 4. Major Soil Types in Project Area

Soil	HSG Group	HSPF Group
Norma loam	B/D	Till
Ragnar fine sandy loam, 0-8% slopes	A	Outwash

Notes: HSG = Hydrologic Soil Group; HSPF = Hydrologic Simulation Program – Fortran.

HWA GeoSciences provided design saturated hydraulic conductivity (K_{sat}) infiltration rates and groundwater elevations at each of the proposed BMPs, as shown in Table 5 (HWA GeoSciences, 2025).

Table 5. Preliminary Infiltration Design Criteria for Facilities

Facility Name	TDA	Design Infiltration Rate (inches per hour) ¹	Groundwater Elevation (feet) (NAVD88)
Infiltration Vault (A)	5	8.1	21
Infiltration Pond (A)	6	4.0	25
Infiltration Pond (B)	6	4.0	25
Infiltration Pond (C)	7	4.0	21
Infiltration Vault (B)	8	10.0	<27 ²

NAVD88 = North American Vertical Datum of 1988.

¹ Soil types, infiltration rates, and groundwater depths are based on the Final Geotechnical Report (HWA GeoSciences, 2025).

² Groundwater not encountered in closest boring.

The Snohomish County Critical Aquifer Recharge Areas map from the Snohomish County Critical Area Regulations Update (February 2016) was used to determine the critical areas aspect of this project. While no Sole Source Aquifer or Wellhead Protection Areas were identified within the project limits, the USGS Aquifer Sensitivity (to groundwater contamination) was determined to be moderate.

The project will maintain existing recharge rates to the total aquifer by enhancing infiltration to compensate for increased impervious area. The water quality of runoff will be improved before infiltration by using pretreatment prior to infiltrations.

Climate

The Marysville area is located in the Puget Sound basin. Rain falls primarily during autumn and winter, then tapers off during spring and into the summer dry period as shown in Table 6.

Table 6. Summary of Project Area Climate Data

Average Monthly Values				
Month	Maximum Temperature (F)	Minimum Temperature (F)	Total Precipitation (in.)	Total Snow Fall (in.)
January	47.9	34.6	5.04	1.5
February	50.4	34.5	3.7	0.5
March	54.5	37.2	4.11	0.1
April	59.6	41.4	3.4	0
May	65.8	47	2.7	0
June	69.8	51.8	2.3	0
July	74.8	55.3	1.04	0
August	75.7	55.2	1.15	0
September	70.4	49.6	2.34	0
October	60.7	43.3	3.7	0
November	52.4	37.6	5.82	0
December	46.7	34.1	4.95	1.0
Annual	60.7	43.5	40.25	4.6

From National Oceanic and Atmospheric Administration (<https://www.weather.gov/wrh/climate?wfo=sew>) for period of record from 1991 to 2020. Values were taken from the Everett Station.

Since construction is scheduled for a 48-month duration, there is potential for rain, high winds, snow, freezing temperatures, and rain-on-snow events. It is possible that the project will have to stop work due to frozen conditions during the winter months. Runoff from rain-on-snow events can result in changes in drainage patterns and/or localized flooding.

Activities during the wet and dry seasons shall be contingent upon the construction schedule. Earthwork should be scheduled for the dry season when possible to limit amount of exposed soils and minimize erosion and sedimentation risks. While inspections and maintenance of BMPs is conducted throughout the year, frequency of these activities is increased during the wet season. Maintenance will be performed as needed on the permanent drainage system and TESC BMPs to prevent clogging and decreases in performance.

Topography

The project area topography is generally flat. Runoff from flat areas generally pools and will often infiltrate in place. Steeper areas on site are primarily where there are fill slopes adjacent to the highway and ramps. In these areas, runoff has the potential to form rivulets that can cause erosion. Where there are moderate or steep slopes in the project area, BMPs such as wattles can be used to reduce flow velocity and thereby reduce erosion. Fill slopes in the project area do not exceed 2:1. There are no known issues with slope stability within the project area.

Vegetation

There is one proposed overwater structure on this project, a bridge over Coho Creek. The floodplain surrounding Coho Creek has well established and hearty vegetation. Roadway segments have limited vegetation consisting of grass and common landscape vegetation.

Drainage

There are a total of six TDAs, described below, within the project limits. TDA areas are shown in Table 7, and receiving waters for each TDA are shown in Table 8. The numbering of the TDAs follow sequentially after the four TDAs for the project on 4th Street.

- TDA 5 (Tribes) drains 88th Street NE, Quil Ceda Boulevard, and part of the southbound on- and off-ramps west of the I-5/88th Street NE interchange. Runoff is conveyed to wetlands adjacent to the project site on tribal land via pipes and ditches. Under current conditions, runoff from some impervious surfaces on 34th Avenue NE is directed to an existing bioswale located next to and running parallel with 31st Avenue NE. TDA 5 outfalls currently receive runoff from tribal land as well as runoff from a portion of the project area located in the Washington State Department of Transportation (WSDOT) limited-use Right-of-Way (ROW).
- TDA 6 (Tribes) drains the west side of the 88th Street NE bridge where it crosses over I-5, along with a portion of the southbound on- and off-ramps west of the interchange. Runoff is conveyed south along the west side of I-5, primarily in ditches. The outfall for TDA 6 is to Quilceda Creek approximately 3,000 feet south of the project area, immediately downstream of the I-5 bridge over the stream. Much of the runoff from this TDA infiltrates in the conveyance ditches and never enters Quilceda Creek. All of TDA 6 is within the WSDOT limited-use ROW on Tribal land.
- TDA 7 (Tribes) drains the east side of the 88th Street NE bridge where it crosses over I-5, along with portions of the northbound on- and off-ramps east of the interchange. Runoff is conveyed south in ditches along the east side of I-5 and outfalls to a wetland adjacent to Quilceda Creek, approximately 2,500 feet south of the project area. As with TDA 6, much of the runoff from this TDA infiltrates in the conveyance ditches and never enters Quilceda Creek. All of TDA 7 is within WSDOT limited-use ROW on Tribal land.
- TDA 8 (Marysville) drains portions of the I-5 northbound on-ramp, most of 88th Street NE east of the I-5 interchange, and a private parcel on the southeast corner of 36th Avenue NE and 88th Street NE. Runoff is conveyed via pipes to a stormwater treatment pond that is assumed to outfall to Quilceda Creek north of 88th Street NE. Similar to TDA 5, TDA 8 drains across multiple jurisdictions, with most runoff coming from Marysville and a portion of the TDA coming from the WSDOT limited-use ROW. The stormwater treatment pond provides pretreatment before flows ultimately discharge to Quilceda Creek.
- TDA 9 (Marysville) drains a private parcel, the west side of 36th Avenue NE, and portions of pervious slopes adjacent to the north bound off-ramp. Runoff is conveyed via a private system to a privately owned ditch and underground stormwater facility along the north and western boundary of the parcel per

Texaco Gas Station as-builts dated January 2000. The consecutive private BMPs are assumed to fully treat and infiltrate all contributing runoff onsite. Similar to TDAs 5 and 8, TDA 9 drains multiple jurisdictional areas with most runoff coming from Marysville and a portion of the TDA coming from the WSDOT limited-use ROW.

- TDA 10 (Marysville) drains a very small area of 36th Avenue NE, south of 88th Street NE. This TDA appears to flow south along the east side of 36th Avenue NE until the end of the existing curb where stormwater likely infiltrates into the surrounding soil on the shoulder of the existing road.

Table 7. Existing TDA Area

TDA Number	TDA Area (acres)	Receiving Water Body
5	7.178	Coho Creek
6	5.727	Infiltrates into Surrounding Soil
7	4.106	Quilceda Creek
8	2.906	Quilceda Creek
9	1.900	Infiltrates into Surrounding Soil
10	0.025	Infiltrates into Surrounding Soil

Notes: TDA = Threshold Discharge Area.

Table 8. Existing Discharge Points

Threshold Discharge Area (TDA)	Discharge Type	Recipient Type	Water Body Name	Feature Type	Discharge Name/ID	Owned/Managed
5	Surface Water	River or Stream	Coho Creek	Pipe	61185	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Pipe	61188	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Ditch Vegetated	Unknown	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Ditch Vegetated	Unknown	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Catch Basin	S006	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Ditch Vegetated	S007	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Pipe	S008	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Catch Basin	S009	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Catch Basin	S010	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Infiltration Vault Overflow Pipe	S011	Tribes/Snohomish County
6	Subsurface	Passive	N/A	Unknown	005_200.103	WSDOT
	Subsurface	Passive	N/A	Pipe	005_200.102	WSDOT
	Surface Water	River or Stream	Coho Creek	Pipe	S012	Tribes/Snohomish County

Table 8. Existing Discharge Points (continued)

Threshold Discharge Area (TDA)	Discharge Type	Recipient Type	Water Body Name	Feature Type	Discharge Name/ID	Owned/Managed
7	Subsurface	Passive	N/A	Unknown	005_200.04	WSDOT
	Surface Water	River or Stream	Unknown	Pipe	005_200.07	WSDOT
	Surface Water	River or Stream	Coho Creek	Ditch Vegetated	S013	Tribes/Snohomish County
8	Surface Water	River or Stream	Quilceda Creek	Pipe	Unknown	Marysville
	Surface Water	River or Stream	Coho Creek	Catch Basin	S014	Tribes/Snohomish County
	Surface Water	River or Stream	Coho Creek	Catch Basin	S015	Tribes/Snohomish County
9	Managed System	Private Party	N/A	Infiltration Gallery	Unknown	Private
10	Surface Flow	Passive	N/A	Vegetated Area	Unknown	Marysville

Notes: TDA = Threshold Discharge Area ; WSDOT = Washington State Department of Transportation.

1. Discharge features listed as 'Unknown' are existing pipes or conveyance elements that do not have assigned facility IDs and are not NOI outfalls. Only discharge points S001–S005 are included in the NOI and subject to permit monitoring requirements.

Groundwater

Groundwater seepage was encountered during drilling in 13 of the 14 borings at depths ranging from approximately 7 to 50 feet below ground surface. Seasonal high groundwater elevations were measured up to approximately 31 feet North American Vertical Datum of 1988 (NAVD88) (HWA Geosciences, 2025). While most proposed facility and utility trench inverts are above this elevation, localized dewatering may be required if field conditions indicate trench bottoms below the seasonal high groundwater level.

Any dewatering activities shall be conducted in accordance with Special Condition S9.D.10 of the CSWGP, and discharge shall be managed using appropriate BMPs (such as sediment bags, temporary storage tanks, or approved treatment systems) to ensure compliance with permit requirements.

Infiltration will be utilized as a BMP for permanent stormwater management. Infiltration rates are not anticipated to be significantly impacted during the wet season.

Sensitive Areas

Wetlands and aquatic habitat are found within the project limits. Coho Creek runs through the project area (culvert replacement/bridge construction), and Quilceda Creek is located adjacent to the project to the east. These sensitive areas will be isolated from construction activities with high-visibility silt fencing.

Existing Encumbrances

Existing utilities will be protected or moved within the project limits. There are no known wells or drain fields located within or immediately adjacent to the project site.

There are no known contaminated soils or groundwater located within the project site.

A Hazardous Materials Discipline Report (Discipline Report) (February 2023) prepared by Parametrix determined there are no high-risk hazardous materials within 0.25 miles of the project area. Three medium-risk sites were identified that could have some potential for impacts on construction, depending on the location of excavation associated with grading and utility placement. However, all three locations are located within the project area for 4th Street, none were located for the 88th Street NE project area.

High Risk Activities and Potential Problem Areas

There is an existing wetland and one stream crossing, Coho Creek, within the project limits. Permanent and temporary impacts to wetlands and associated buffers will take place as part of the project. The permitted wetland and buffer impacts are documented in the environmental permits for the project. Additional risks include protection of adjacent Quilceda Creek and coordination of utility relocations.

Construction scheduling and phasing also poses a great challenge for this project. Roads need to remain open to traffic and access to all surrounding businesses needs to continue through the duration of the project.

Contingency Planning

The BMPs proposed for the project were selected based on the existing site conditions, anticipated scope of work, and adjacent sensitive areas. The BMPs represent the minimum required based on existing site conditions. The contractor is required to install additional BMPs as needed to prevent stormwater discharge to surface waters of the State that exceed the Department of Ecology (Ecology) Construction Stormwater General Permit (CSWGP) benchmark limits for turbidity or pH. Additionally, the project area discharges to Quilceda Creek which is Category 5 impaired for dissolved oxygen and Category 4A impaired for fecal coliform bacteria. The contractor is required to install additional BMPs as needed to ensure that construction stormwater does not cause or contribute to these impairments or to violations of water quality standards for other 303(d) listed waters. The process for adding additional BMPs is provided in *WSDOT Standard Specifications for Road, Bridge, and Municipal Construction M 41-10, Section 8-01* (WSDOT Standard Specification), dated 2024; and in the *Ecology Stormwater Management Manual of Western Washington, Volume II* (SWMMWW), revised 2019. BMPs, such as Chemical Treatment Systems, require the approval of all agencies having jurisdiction over the project site, the Engineer of Record, and the Environmental Compliance Manager.

In the event that performance goals for discharge are not achieved, procedures in the Environmental Compliance Plan (Appendix F of the Environmental Compliance Plan) shall be followed to contain, treat and dispose of contaminated water. In short, discharge will be collected and tested prior to discharge. If necessary, discharge will be treated until testing limits are met. No water will be released from the site until all testing limits are met.

WSDOT Standard Specification Section 1-07.15(1) also provides the requirements for spill prevention and remediation. The Spill Prevention, Control, and Countermeasures Plan can be found in Appendix E of the Environmental Compliance Plan.

Engineering Calculations

Design of erosion and sedimentation control BMPs is included in the WSDOT Standard Specification Section 8-01 and follows sizing methods from the Stormwater Management Manual for Western Washington (SWMMWW). Design details for permanent stormwater facilities are provided in the project drainage report.

13 PLANNING ELEMENTS

This section describes the 13 planning elements in accordance with the Special Condition S9 in the CSWGP. BMPs included follow the SWMMWW, the WSDOT Standard Specification Manual Section 8-01 and the WSDOT *Temporary Erosion and Sediment Control Manual* (TESC Manual), dated 2019. BMPs from the SWMMWW will be prefaced with “BMP”, while BMPs from the WSDOT Standard Specification Manual Section 8-01 and TESC Manual will be prefaced with “WSDOT”.

See Appendix A for TESC plans that show BMP locations and area of disturbance.

Element 1: Preserve Vegetation/Mark Clearing Limits (Permit Condition S9.D.1)

High visibility silt fence and silt fence will be placed to mark clearing limits and protect the existing vegetation outside of the work area. All existing vegetation shall be preserved when not required to be cleared for the construction of the project. The contractor shall stake, flag, and survey the clearing limits and the areas not to be disturbed.

Risk Analysis:

- Areas of this project border on commercial properties and tribal reservation land. Clearing limits will be clearly marked to separate construction areas from public access areas. A full time CESCL will be present on-site during work hours on-call 24 hours a day. Daily inspections will be conducted of all BMPs to ensure proper maintenance.
- As much existing vegetation will be retained in the project area as possible work is not permitted outside of the right-of-way and temporary construction easements. The project limits are required to be clearly marked prior to the start of work.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C103 & WSDOT 8-01.3(9)A2: High Visibility Silt fence
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence

GSP's: Not applicable

Special Provisions: Not applicable

Element 2: Establish Construction Access (Permit Condition S9.D.2)

The contractor will design and construct the construction access. Where possible, construction access will be controlled and limited to entrance only and exit only. All trucks leaving the construction areas will be visually inspected for dirt, dirt clods, and rock between tires. If sediment is tracked onto the road, street cleaning shall be used to clean the road. Trucks will go through tire wash as needed if sediment transport becomes a problem.

Risk Analysis:

- Stabilized construction entrances will be utilized where feasible within the project limits. At access points that connect to existing pavement and/or public roadways, the Contractor will sweep roadways daily, or more often if required, to remove sediment. If sediment transport becomes a problem, additional BMPs (e.g. tire wash) may be used.

BMPs Utilized:

- BMP C105 & WSDOT 8-01.3(7)/Std. Plan I-80.10-01: Stabilized construction entrance
- BMP C106: Wheel wash
- BMP C107 & WSDOT 8-01.3(7): Construction road/parking area stabilization
- WSDOT 8-01.3(8): Street cleaning
- BMP C207 & WSDOT 8-01.3(6): Check Dams
- BMP C209 & WSDOT 8-01.3-(11): Outlet Protection

Additional BMPs:

- BMP C235 & WSDOT 8-01.3(10): Wattles
- BMP C240 & WSDOT 8-01.3(9): Temporary Sediment Trap
- BMP C203: Water Bars

GSP's: Not applicable

Special Provisions: Not applicable

Element 3: Control Flow Rates (Permit Condition S9.D.3)

The project will construct three new infiltration ponds (SB Off Ramp Gore, SB On Ramp Gore, and the NB On Ramp between the ramp and eastern ROW limits) and two new infiltration vaults (SW of the 88th Street NE and 34th Avenue intersection and just east of the 88th Street NE and 36th Avenue intersection). The infiltration ponds will not be used as sedimentation ponds to preserve underlying infiltration rates. All construction stormwater shall be prevented from entering the new infiltration vaults until all areas are stabilized to prevent sedimentation within the unit. Chemical treatment plants can be utilized as needed.

Risk Analysis:

- Conveyance of construction runoff across most of the site is low gradient, however, wattles will be used on side-slopes as needed and check dams will be used in conveyance ditches. Water pumps and mobile storage will be provided if needed.

BMPs Utilized:

- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C209 & WSDOT 8-01.3(11): Outlet protection
- BMP V-12 & WSDOT 8-01.3(1)E: Detention BMPs
- WSDOT 8-01.3(1)D: Dispersion and infiltration
- WSDOT 5-1.1.49: Water pumps

Additional BMPs:

- BMP C202: Riprap Channel Lining
- BMP C208: Triangular silt dike
- BMP C235 & WSDOT 8-01.3(10): Wattles
- BMP C240: Temporary sediment trap
- WSDOT 5-1.1.43: Temporary containment or mobile storage tanks
- WSDOT 5-1.1.20: Interceptor dike and swale

GSP's: Not applicable

Special Provisions: Not applicable

Element 4: Install Sediment Controls (Permit Condition S9.D.4)

The project area has one direct discharge to a regulated water body in TDA 5. A closed conveyance system is being directed to a stormwater treatment vault and then through a storm pipe to Coho Creek. Another portion of TDA 5 connects to an existing drainage system that runs along 34th Avenue where it discharges into an existing bioswale on Tulalip Tribes land. The ultimate outfall of the bioswale is Coho Creek.

The portion of the project within WSDOT ROW drains south along I-5 where it eventually discharges to Quilceda Creek. The portion of the project within City of Marysville ROW drains to infiltration vaults and eventually a stormwater pond. Overflow from the stormwater pond discharges into Quilceda Creek.

The project area will maintain existing discharge points.

Risk Analysis:

- Discharge leaving the site is required to meet the turbidity and pH limits listed in the Washington State General Permit. Construction will occur during both wet and dry seasons so runoff from the site is expected. BMPs will be installed in appropriate areas to ensure that turbid water does not leave the site. Flow from construction areas will be collected in pre-setting tanks prior to discharge. Water pumps and mobile storage tanks will be provided if needed.
- Silt fence will be installed downslope from disturbed areas that may produce sediment runoff such as fill areas.
- Wattles will be installed along contours on new roadway embankments as needed or shown in the temporary erosion and sediment control plans.
- Erosion control seeding covered with biodegradable erosion control blanket will be installed on new slopes.
- Existing and new inlets will be furnished with inlet inserts to filter runoff.
- Exposed soils and embankments that will be left unworked for short periods may be covered with plastic.
- Sediment control BMPs shall be constructed as a first order of work for each construction stage prior to any land disturbing activities.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C120 & WSDOT 8-01.3(2)B: Temporary and permanent seeding
- BMP C123 & WSDOT 8-01.3(5): Plastic covering
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C220 & WSDOT 8-01.3(9)D: Inlet protection
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence
- WSDOT 8-01.3(8): Street cleaning
- WSDOT 8-01.3(1)D: Dispersion and infiltration
- Sedimentation bags

Additional BMPs:

- BMP C235 & WSDOT 8-01.3(10): Wattles
- WSDOT 5-1.1.43: Temporary containment or mobile storage tanks

GSP's: Not applicable

Special Provisions: Not applicable

Element 5: Stabilize Soils (Permit Condition S9.D.5)

This multi-season project will involve wet season work and disturb more than 15.5 acres. The project will be phased to minimize wet season earthwork area. Several BMPs can be used for stabilization including plastic sheeting or temporary seeding. Temporary seeding may only be effective when weather is conducive to germination.

Stabilize all exposed and unworked soils (including equipment staging area solids, material storage areas, and borrow areas) by applying effective BMPs that protect the soil from wind, raindrops, and flowing water. Selected soil stabilization measures must be appropriate for the time of year, site conditions, estimated duration of use, and the water quality impacts that stabilization agents may have on downstream waters or groundwater.

In western Washington, cover exposed soil that is not being worked— whether at final grade or not—within the following time limits, using approved soil cover practices:

October 1 through April 30 - 2 days maximum

May 1 through September 30 - 7 days maximum

Expose no more soil than can be covered within the above time limits. Construction activities should never expose more erodible earth than the amounts shown below for the specified locations unless approved by the Engineer.

Risk Analysis:

- Soil stockpiles are especially vulnerable to slumping when saturated and should be stabilized and protected with sediment-trapping measures. Plastic may be necessary on silty stockpiles, as it is the only BMP that can prevent soil saturation. Stockpiles should be located away from storm drain inlets, waterways, and drainage channels where possible.
- To keep exposed soils from becoming saturated with stormwater runoff from adjacent impervious surfaces, the runoff shall be collected and conveyed away from the exposed embankments and soils. Collection and conveyance may include temporary curb and berms, and/or temporary storm drains.
- Exposed soils that will be left unworked for short periods may be covered with plastic or the suggested BMPs listed below.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C105 & WSDOT 8-01.3(7) / Std. Plan I-80.10-01: Stabilized construction entrance
- BMP C107: Construction road/ parking area stabilization
- BMP C120 & WSDOT 8-01.3(2): Temporary and Permanent Seeding
- BMP C121 & WSDOT 8-01.3(2)D: Temporary mulching
- BMP C122 & WSDOT 8-01.3(3): Nets and blankets (Biodegradable erosion control blanket)
- BMP C123 & WSDOT 8-01.3(5): Plastic covering
- BMP C125 & WSDOT 8-02.3(4): Topsoil
- BMP C140 WSDOT 1-07.5(4)B: Dust control
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence

Additional BMPs:

- BMP C126 & WSDOT 8-01.3(2)E: Polyacrylamide (PAM) for soil erosion protection
- BMP C235 & WSDOT 8-01.3(10)/Std. Plan I-30.30-01: Wattles

GSP's: Not applicable

Special Provisions: Not applicable

Element 6: Protect Slopes (Permit Condition S9.D.6)

Cut and fill slopes shall be constructed in a manner that will minimize erosion. Cut and fill slopes shall have erosion control BMPs installed for slope protection as needed. During construction, exposed slopes shall have erosion control seeding and biodegradable erosion control blanket applied. When erosion control seeding and blanket are not possible, plastic covering, or other suitable cover shall be applied. Finished slopes shall have permanent seeding applied between March 1 and May 15 or August 15 and October 1. Outside of these specific application periods, temporary cover shall be applied.

Risk Analysis:

- There are cut and fill slopes within the project limits. Some portion of these steps will be graded to accommodate roadway widening within the project limits. It is not anticipated that concentrated runoff will flow to existing or proposed slopes. BMPs will be applied to exposed slopes to prevent erosion.
- Wattles will be used on steep slopes as needed.

BMPs:

- BMP C121 & WSDOT 8-01.3(2)D: Temporary mulching
- BMP C122 & WSDOT 8-01.3(3): Nets and blankets (Biodegradable erosion control blanket)
- BMP C123 & WSDOT 8-01.3(5): Plastic covering
- BMP C200 & WSDOT 6A-2.19: Interceptor dike and swale
- BMP C201: Grass lined channels
- WSDOT 8-01.3(1)C: Water Management

Additional BMPs:

- BMP C202 and WSDOT 8-15: Riprap channel lining
- BMP C208: Triangular Silt Dike (TSD)
- BMP C235 & WSDOT 8-01.3(10)/Std. Plan I-30.30-01: Wattles

GSP's: Not applicable

Special Provisions: Not applicable

Element 7: Protect Drain Inlets (Permit Condition S9.D.7)

Existing, new, or temporary inlets will be furnished with inlet protection devices to filter runoff.

Existing, new, or temporary ditches will be furnished with compost sock or coir log check dams to capture construction runoff sediment.

Risk Analysis:

- Sealing/plugging inlets will be required at structures adjacent to concrete pouring and grinding activities.

BMPs Utilized:

- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C220 & WSDOT 8-01.3(9)D: Inlet protection

Additional BMPs:

- BMP C235 & WSDOT 8-01.3(12): Wattles/Compost sock

GSP's: Not applicable

Special Provisions: Not applicable

Element 8: Stabilize Channels and Outlets (Permit Condition S9.D.8)

Rock Check dams will be installed in roadside ditches where needed during construction to reduce the transport of sediment.

Risk Analysis:

- The contractor may utilize pumps to convey sediment laden water within ditches (if encountered) to Sedimentation Bags or other BMPs. Temporary conveyance has been designed for the 2-year, 24-hour storm event. Design for temporary erosion control BMPs is included in WSDOT Standard Specification Section 8-01.

BMPs Utilized:

- BMP C120 & WSDOT 8-01.3(2): Seeding and planting
- BMP C122 & WSDOT 8-01.3(3): Nets and blankets (Biodegradable erosion control blanket)
- BMP C201: Grass lined channels
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C209 & WSDOT 8-01.3(11): Outlet protection
- WSDOT 8-01.2: Quarry Spalls

Additional BMPs:

- BMP C202 & WSDOT 8-15: Riprap channel lining
- BMP C232: Gravel-filled berm
- Sedimentation Bags

GSP's: Not applicable

Special Provisions: Not applicable

Element 9: Control Pollutants (Permit Condition S9.D.9)

All pollutants, including construction materials, waste materials, and demolition debris, must be handled and disposed of in a manner that does not cause contamination of stormwater. Wood debris may be chopped and spread on-site. Application of fertilizers and other chemicals should be conducted in a manner and at application rates that will not result in loss of chemicals to stormwater runoff. Manufacturers' label requirements for application rates and procedures must be followed.

Methods for controlling pollutants that can be considered hazardous materials, such as hydrocarbons and pH-modifying substances, must be described in the Contractor's Spill Prevention, Control, and Countermeasures (SPCC) Plan. The plan must be prepared to meet Standard Specification 1.07.15(1) and the Washington State Department of Ecology's (Ecology's) standards as described in WSDOT SPCC Plan Preparation Instructions and Spill Plan Reviewers Protocols: <https://wsdot.com/environment/technical/disciplines/hazardous-materials/spill-prevent-report#PrepareSPCC>

Stormwater or groundwater that has come into contact with curing concrete must be sampled to ensure water quality standards are not violated. Process water (for example, concrete washout, slurry water, and hydro-demolition) must be contained and cannot be discharged to waters of the state. Contact WSDOT NWR Compliance for more information on disposing of high pH water.

Standard Specification 1-06.6 identifies to the Contractor that they must use their best effort to utilize recycled materials. When recycled concrete is used for materials identified in Standard Specification 9-03.21(1)E there is a risk of generating high pH water and runoff. Projects that have the materials in 9-03.21(1)E as bid items need to include BMPs for neutralizing pH. When pH levels have a human cause variation of 0.2 or 0.5 pH su depending on the waterbody, action must be taken to maintain the waters pH level before the water is discharged.

Risk Analysis:

- Good housekeeping and preventative measures will be taken to ensure that the site will be kept clean, well-organized, and free of debris. If required, BMPs shall be implemented to control specific sources of pollutants. Vehicles, construction equipment, and/or petroleum product storage and dispensing will adhere to the following:
 - o All vehicles, equipment, and petroleum product storage/dispensing areas will be inspected regularly to detect any leaks or spills, and to identify maintenance needs to prevent leaks or spills.
 - o On-site fueling tanks and petroleum product storage containers shall include secondary containment.
 - o Spill prevention measures, such as drip pans, will be used when conducting maintenance and repair of vehicles or equipment.
 - o In order to perform emergency repairs on site, temporary plastic will be placed beneath and, if raining, over the vehicle.
 - o Contaminated surfaces shall be cleaned immediately following any discharge or spill incident.
 - o Concrete and grout: Process water and slurry resulting from concrete work will be prevented from entering the waters of the State by implementing Concrete Handling measures (BMP C151).
 - o Sawcutting and surfacing operations: Process water and slurry resulting from sawcutting or surface operations will be prevented from entering the waters of the State by implementing Sawcutting and Surface Pollution Prevention (Ecology BMP C152).

- o In order to prevent, reduce, or eliminate the discharge of pollutants from material delivery and storage to the stormwater system, Material Delivery and Storage Contamination (Ecology BMP C153) shall be implemented.
- o Sanitary wastewater: Portable sanitation facilities will be firmly secured, regularly maintained, and emptied when necessary.
- o Solid waste will be stored in secure, clearly-marked containers.
- o Equipment used for this project shall be free of hydraulic fluid while working around waters of the state. Equipment shall be checked daily for leaks, and any necessary repairs shall be completed prior to commencing work activities.

BMPs Utilized:

- BMP C151 & WSDOT 1-07.15, 5-1.1.7: Concrete Handling
- BMP C152 & WSDOT 5-1.1.6: Sawcutting and Surfacing Pollution Prevention
- BMP C153 & WSDOT 1-06.4, 5-1.1.22, SPCC Plan: Material Delivery, Storage and Containment
- BMP C154: Concrete Washout Area
- BMP C251: Construction Stormwater Filtration
- BMP C252 & WSDOT 5-1.1.16: Treating and Disposing of High pH Water
- WSDOT 1-07.15(1): Spill prevention control and countermeasures (SPCC) plan (to be provided by contractor)
- WSDOT 8-01.3(1)C6: Environmentally Acceptable Hydraulic Fluid (work on bridges over surface waters)

Additional BMPs:

- BMP C250: Construction Stormwater Chemical Treatment

GSP's: Not applicable

Special Provisions: Not applicable

Element 10: Control Dewatering (Permit Condition S9.D.10)

Dewatering devices shall discharge into sedimentation bags or chemical treatment ponds. The rate of dewatering discharge shall not exceed the design capacity of the sediment trap or pond. If required in the project's special provisions a dewatering plan shall be submitted for approval before implementation.

Risk Analysis:

- When ground water is encountered in an excavation, it shall be controlled, treated, and discharged as follows:
 1. If the ground water meets State Water Quality standards, it may bypass detention and treatment facilities and be routed directly to its normal discharge point at a rate that will not cause erosion.
 2. If the turbidity of the ground water is similar to the turbidity of the site runoff, the ground water may be treated using the same detention and treatment facilities being used to treat the site runoff and then discharged at a rate that will not cause erosion.
 3. If the turbidity is greater than the turbidity of the site runoff, the ground water shall be pumped to a location where the Chitosan-Enhanced Sand Filtration system is being implemented or treated separately until the turbidity is similar to or better than the site runoff before the two may be combined and treated using the same detention and treatment facilities being used to treat the site runoff and then discharged at a rate that will not cause erosion.
 4. Ground water may be pumped to an upland vegetated areas that do not discharge off site, where it will be allowed to disperse and infiltrate.

BMPs Utilized:

- BMP C236: Vegetative filtration
- WSDOT 5-1.1.49: Water pumps
- Sedimentation bag

Additional BMPs:

- BMP C203: Water bars
- WSDOT 5-1.1.43: Temporary containment or mobile storage tanks

GSP's: Not applicable

Special Provisions: Not applicable

Element 11: Maintain BMPs (Permit Condition S9.D. 11)

A CESCL shall inspect BMPs per Standard Specification 8 -01.3(1)B to ensure they perform their intended function properly until the Project Engineer determines that final stabilization is achieved. Final stabilization means completion of all soil-disturbing activities and establishment of a permanent vegetative cover or permanent stabilization measures (such as riprap) to prevent erosion. All temporary BMPs shall be removed within 30 days after final site stabilization is achieved.

Maintain BMPs in accordance with Standard Specification 8-01.3(15). When the depth of accumulated sediment and debris reaches approximately one-third the height of the device, the Contractor must remove the deposits. Clean sediments may be stabilized on-site if the Project Engineer approves.

Risk Analysis:

- The Temporary Erosion and Sediment Control Plans represent the minimum anticipated BMPs based on existing site conditions. Following installation, the Contractor is required to maintain, repair, and or replace any BMPs that are not functioning. In the event the BMPs are insufficient for site conditions, the Contractor will install additional BMPs to manage erosion and sediment transport. The Civil Engineer will provide hydraulic design is required for modification of existing BMPs or installation of new BMPs.
- Although all BMPs will require maintenance, it is anticipated that Silt Fence and High Visibility Silt Fence will likely require the most maintenance.

BMPs Utilized:

- BMP C150 & WSDOT 8-01.3(1)B: Materials on hand
- BMP C160 & WSDOT 8-01.3(1)B: On-site CESCL
- BMP C162 & WSDOT 8-01.3(1)B: Scheduling and coordinating work activity

GSP's: Not applicable

Special Provisions: Not applicable

Element 12: Manage the Project (Permit Condition S9.D.12)

The ESC Lead shall be able to inspect and maintain BMPs. The Contractor shall perform turbidity testing.

All temporary erosion and sediment control BMPs shall be removed within 30 days after final site stabilization is achieved, or when the Engineer determines that the temporary BMPs are no longer needed. The Contractor will remove the BMPs and clean, restore and permanently stabilize all disturbed areas to the satisfaction of the Project Engineer.

Risk Analysis:

- The work of utility contractors and subcontractors is coordinated to meet requirements of both the TESC and SPCC plans.
- As this project site is located west of the Cascade Mountain Crest, the project will be managed according to the following key project components:
- Phasing of Construction
 - The construction project is being phased to the extent practicable in order to prevent soil erosion, and, to the maximum extent possible, the transport of sediment from the site during construction.
 - Revegetation of exposed areas and maintenance of that vegetation shall be an integral part of the clearing activities during each phase of construction, per the Scheduling BMP (C 162).
- Inspection and Monitoring
 - All BMPs shall be inspected, maintained, and repaired as needed to assure continued performance of their intended function. Site inspections shall be conducted by a person who is knowledgeable in the principles and practices of erosion and sediment control. This person has the necessary skills to:
 - Assess the site conditions and construction activities that could impact the quality of stormwater, and
 - Assess the effectiveness of erosion and sediment control measures used to control the quality of stormwater discharges.
 - A Certified Erosion and Sediment Control Lead shall be on-site or on-call at all times.
 - Whenever inspection and/or monitoring reveals that the BMPs identified in this TESC Plan are inadequate, due to the actual discharge of or potential to discharge a significant amount of any pollutant, appropriate BMPs or design changes shall be implemented as soon as possible.
- Maintaining an Updated Construction SWPPP
 - This SWPPP shall be retained near the construction activities or within reasonable access.
 - The SWPPP shall be modified whenever there is a change in the design, construction, operation, or maintenance at the construction site that has, or could have, a significant effect on the discharge of pollutants to waters of the State.
 - The SWPPP shall be modified if, during inspections or investigations conducted by the owner/operator, or the applicable local or state regulatory authority, it is determined that the SWPPP is ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the site. The SWPPP shall be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP shall be completed within seven (7) days following the inspection.
- Temporary BMPs will be removed prior to final site stabilization. The Environmental Compliance Manager (ECM) will inspect the site to determine if the site is permanently stabilized. After the ECM confirms permanent stabilization, the contractor may submit the Notice of Intent to end NPDES permit coverage.

BMPs Utilized:

- BMP C150 & WSDOT 8-01.3(1)B: Materials on hand
- BMP C160 & WSDOT 8-01.3(1)B: On-site CESCL
- BMP C162 & WSDOT 8-01.3(1)B: Scheduling and coordinating work activity

GSP's: Not applicable

Special Provisions: Not applicable

Element 13: Protect Low Impact Development (LID) Facilities (Permit Condition S9.D.13)

There are several existing LID facilities within the project limits. All existing facilities will be protected during construction.

- Design drawings from the Tulalip Tribes show a 1-foot-deep bioswale on the west side of 34th Avenue NE at 31st Avenue NE, located at approximately 48.0770, -122.1884.
- There is an existing drainage pond in Marysville and outside of the project area which receives stormwater runoff from the eastern end of the Project area (88th Street NE at 36th Avenue NE). The pond is located immediately north of 88th Street NE on the western bank of Quilceda Creek at approximately 48.07596, -122.1792.
- Several private properties have stormwater systems and BMPs that might be impacted by this project. These facilities are not intended to be redesigned or modified but will be repaired or replaced in kind if they are impacted.

The project will construct three infiltration ponds: SB Off Ramp Gore, SB On Ramp Gore, and the NB On Ramp between the ramp and eastern ROW limits. Eleven stormwater treatment vaults will be constructed: near the NW corner of the proposed bridge over Coho Creek, SE of the 88th Street NE and 34th Avenue intersection, SW of the 34th Avenue and 31st Avenue intersection, two along the SB Off-Ramp, two along the SB-On ramp, along the NB-Off Ramp, along the NB-On Ramp, and two just east of the 88th Street NE and 36th Avenue intersection. Two infiltration vaults will be constructed SW of the 88th Street NE and 34th Avenue intersection and just east of the 88th Street NE and 36th Avenue intersection.

If runoff is allowed into any of the LID facilities prior to grass establishment, the Contractor shall install temporary erosion control measures to prevent erosion and restore the facilities to their designed conditions prior to completion of the project.

Risk Analysis:

- Low impact development BMPs that may be present on or adjacent to the project will be protected from construction activities.

BMPs Utilized:

- BMP C101 & WSDOT 1-07.16(2): Preserving natural vegetation
- BMP C102: Buffer Zones
- BMP C201: Grass lined channels
- BMP C207 & WSDOT 8-01.3(6): Check dams
- BMP C208: Triangular Silt Dike (TSD)
- BMP C231 & WSDOT 8-01.3(1)C7: Brush Barrier/Turbidity curtain
- BMP C233 & WSDOT 8-01.3(9)A2 / Std. Plan I-30.15-02: Silt fence

Additional BMPs:

- BMP C234: Vegetated Strip

GSP's: Not applicable

Special Provisions: Not applicable

PURPOSE/REQUIREMENTS

- ## **INSTALLATION**

- 100% SUBMITTAL**

FILE NAME	U:\PSON\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SYCA\CADD\IGN\PS&ES\sheet\88th Design Plans\PS1598131_88TH_PS_EC0-1.dgn				 DATE _____ P.E. STAMP BOX _____	 DATE _____ P.E. STAMP BOX _____	I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2 TESC GENERAL NOTES	PLAN REF. NO. EC0-1			
TIME	10:20:57 AM							REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	SHEET 115 OF SHEETS
DATE	10/3/2025										
PLOTTED BY	purgabut							JOB NUMBER	LOCATION NO.		
DESIGNED BY	K. BELL										
ENTERED BY	B. PURGANAN										
CHECKED BY	T. NEIER				CONTRACT NO.						
PROJ. ENGR.	H. LONGFELLOW										
REGIONAL ADM.		REVISION	DATE	BY							

1. **INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRILIINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-47.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.**
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.**

PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.

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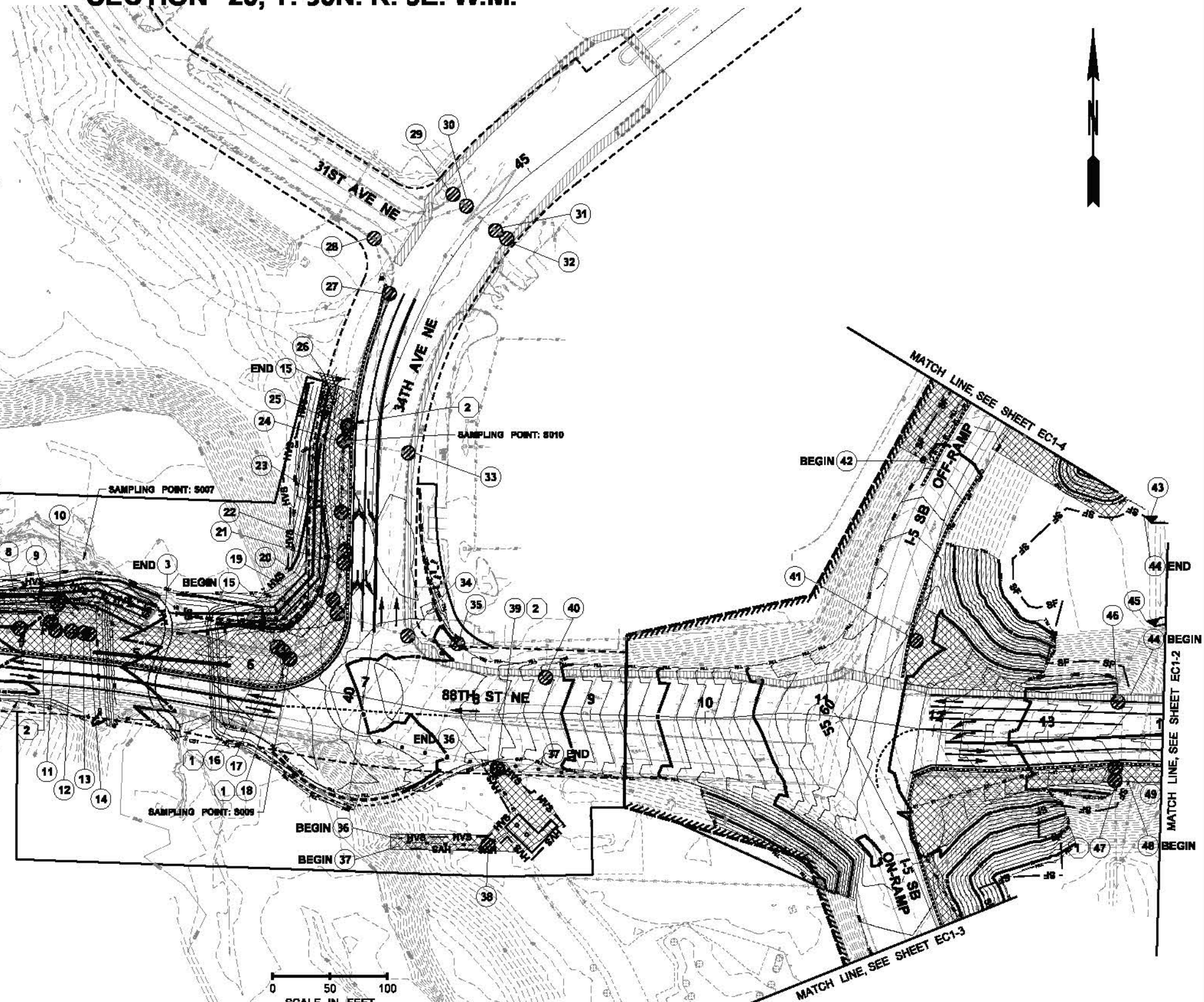
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H ST NE

SAMPLING POINT: S006

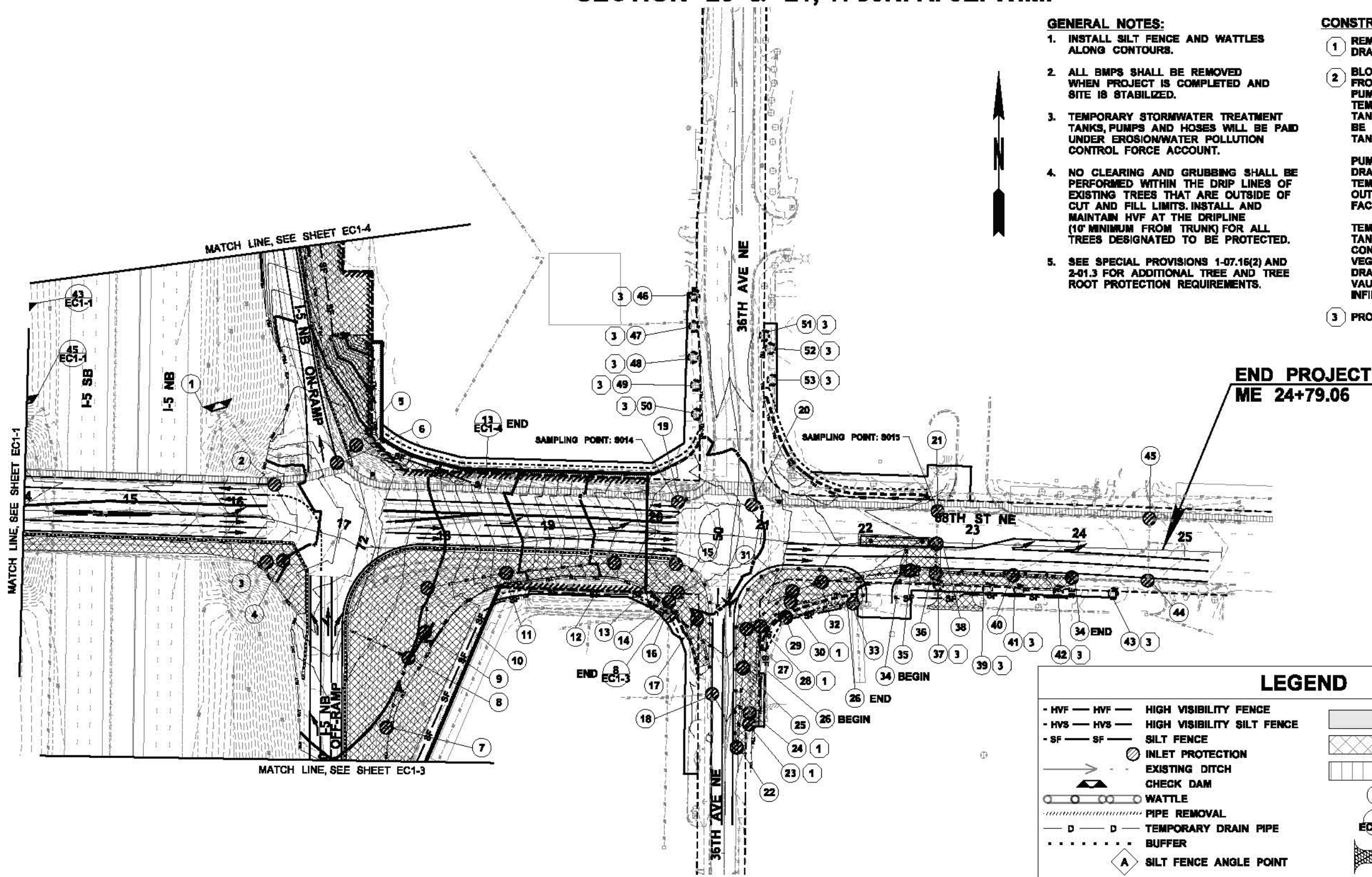
- HVF — HVF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVS — HVS —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION		QUANTITY TABULATION NOTE
	EXISTING DITCH		QUANTITY TABULATION NOTE
	CHECK DAM		STABILIZED CONSTRUCTION ENTRANCE
	WATTLE		
	PIPE REMOVAL		
	TEMPORARY DRAIN PIPE		
	BUFFER		
	SILT FENCE ANGLE POINT		



STAGE 1

FILE NAME		U:\PSOP\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SYCA\CADD\GNPS&ES\sheet188th Design Plans\PS1598131 88TH_PS_EC1-1.dgn												
TIME	10:21:02 AM					REGION NO.	STATE	FED.AID PROJ.NO.			 PRELIMINARY DATE _____ P.E. STAMP BOX _____	 Parametrix	I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2	PLAN REF. NO.
DATE	10/3/2025					10	WASH							EC1-1
PLOTTED BY	purgabut					JOB NUMBER								
DESIGNED BY	K. BELL													
ENTERED BY	K. BELL					CONTRACT NO.			LOCATION NO.					
CHECKED BY	T. NEIER													
PROJ. ENGR.	H. LONGFELLOW													
REGIONAL ADM.														
REVISION						DATE			BY					

SECTION 20 & 21, T. 30N. R. 5E. W.M.



- GENERAL NOTES:**
1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
 2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
 3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
 4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
 5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

- CONSTRUCTION NOTES:**
- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
 - 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.
 - 3 PROTECT TREES.
- PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.
- TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.

END PROJECT
ME 24+79.06

LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE
- HVS - HVS - HIGH VISIBILITY SILT FENCE
- SF - SF - SILT FENCE
- INLET PROTECTION
- EXISTING DITCH
- CHECK DAM
- WATTLE
- PIPE REMOVAL
- TEMPORARY DRAIN PIPE
- BUFFER
- SILT FENCE ANGLE POINT
- BUILT AREA
- WORK AREA
- PEDESTRIAN ROUTE
- 1 QUANTITY TABULATION NOTE
- 2 QUANTITY TABULATION NOTE CONTINUED
- STABILIZED CONSTRUCTION ENTRANCE

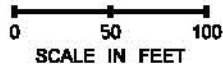
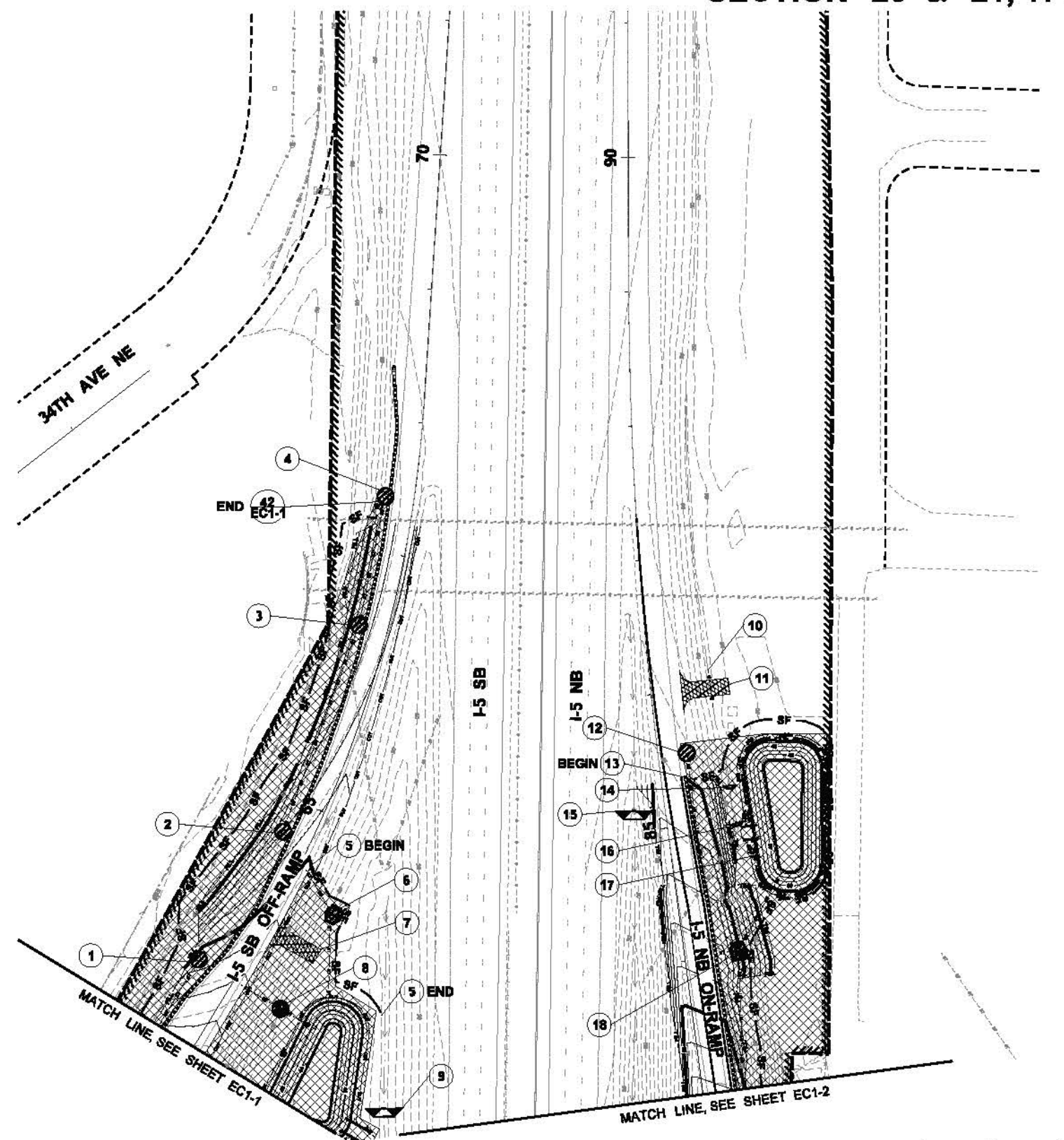
0 50 100
SCALE IN FEET

100% SUBMITTAL

STAGE 1

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\sc\1\ADD\IGNPS&ES\sheet\88th Design Plan\PS1598131 88TH PS_EC1-2.dgn				FED AID PROJ. NO.		TULALIP TRIBES		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO. EC1-2
TIME 10:21:07 AM				REGION NO. 10	STATE WASH	TULALIP TRIBES Parametrix		TESC PLAN		SHEET 117 OF SHEETS
DATE 10/3/2025				JOB NUMBER						
PLOTTED BY purgabut				CONTRACT NO.						
DESIGNED BY K. BELL				LOCATION NO.						
ENTERED BY K. BELL										
CHECKED BY T. NEIER										
PROJ. ENGR. H. LONGFELLOW										
REGIONAL ADM.										
	REVISION		DATE	BY						

SECTION 20 & 21, T. 30N. R. 5E. W.M.



LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE

- HVS - HVS - HIGH VISIBILITY SILT FENCE

- SF - SF - SILT FENCE

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

D - D - TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1 QUANTITY TABULATION NOTE

2 QUANTITY TABULATION NOTE EC1A-1 CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTES:

1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

CONSTRUCTION NOTES:

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.
- 3 PROTECT TREES.

100% SUBMITTAL

STAGE 1

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ES\sheet\88th Design Plan\PS1598131 88TH PS_EC1-4.dgn				FED AID PROJ. NO.				I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO. EC1-4
TIME 10:21:09 AM				REGION NO. 10	STATE WASH					SHEET 119 OF 119
DATE 10/3/2025				JOB NUMBER						DATE
PLOTTED BY purgabut				CONTRACT NO.	LOCATION NO.			TESC PLAN		
DESIGNED BY K. BELL										
ENTERED BY K. BELL										
CHECKED BY T. NEIER										
PROJ. ENGR. H. LONGFELLOW										
REGIONAL ADM.										
	REVISION		DATE	BY						

SECTION 20, T. 30N. R. 5E. W.M.

This engineering plan view illustrates a highway interchange and bridge section. The main feature is a bridge crossing a waterway, with a north arrow pointing towards the top right. The bridge is labeled with "1.5 SB OFF-RAMP" and "1.5 SB ON-RAMP". The interchange includes "34TH AVE NE" and "BATH ST NE". Key features include:

- Sampling Points:** "SAMPLING POINT: 8010" and "SAMPLING POINT: 8011" are marked with circles and labeled.
- Match Lines:** "MATCH LINE, SEE SHEET EC2-4" and "MATCH LINE, SEE SHEET EC2-3" are shown at the right edge of the plan.
- Legend:** A legend at the bottom left identifies symbols for "HVS" (Heavy Vehicle Stop), "HVB" (Heavy Vehicle Stop), "SAH" (Single Access Highway), and "SAW" (Single Access Waterway).
- Scale:** A scale bar at the bottom left indicates distances of 0, 50, and 100 feet.
- Other Labels:** "1 END", "2 END", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", "45", "46", "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "70", "71", "72", "73", "74", "75", "76", "77", "78", "79", "80", "81", "82", "83", "84", "85", "86", "87", "88", "89", "90", "91", "92", "93", "94", "95", "96", "97", "98", "99", "100" are used to identify specific points along the road and bridge.

1. **INSTALL SILT FENCE AND WATTLES
ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED
WHEN PROJECT IS COMPLETED AND
SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT
TANKS, PUMPS AND HOSES WILL BE PAID
UNDER EROSION/WATER POLLUTION
CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE
PERFORMED WITHIN THE DRIP LINES OF
EXISTING TREES THAT ARE OUTSIDE OF
CUT AND FILL LIMITS. INSTALL AND
MAINTAIN HVF AT THE DRIPLINE
(10' MINIMUM FROM TRUNK) FOR ALL
TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND
2-01.3 FOR ADDITIONAL TREE AND TREE
ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.**
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.**
PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.
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- 3 PROTECT TREES.**

PROJECT

BEGIN 1

BEGIN 2

SAMPLING POINT: S010

34TH AVE

2 END

1 END

SAMPLING POINT: S006

88TH ST NE

SAMPLING POINT: S011

10

4

3

1-5 SB OFF-RAMP

88TH ST NE

1-5 SB ON-RAMP

MATCH LINE, SEE SHEET EC2-4

MATCH LINE, SEE SHEET EC2-3

LEGEND

HIGH VISIBILITY FENCE	BUILT AREA
HIGH VISIBILITY SILT FENCE	WORK AREA
SILT FENCE	PEDESTRIAN ROUTE
INLET PROTECTION	1 QUANTITY TABULATION NOTE
EXISTING DITCH	2 QUANTITY TABULATION NOTE
CHECK DAM	EC1A-1 CONTINUED
WATTLE	STABILIZED CONSTRUCTION
PIPE REMOVAL	
TEMPORARY DRAIN PIPE	
BUFFER	

0 50 100

LEGEND

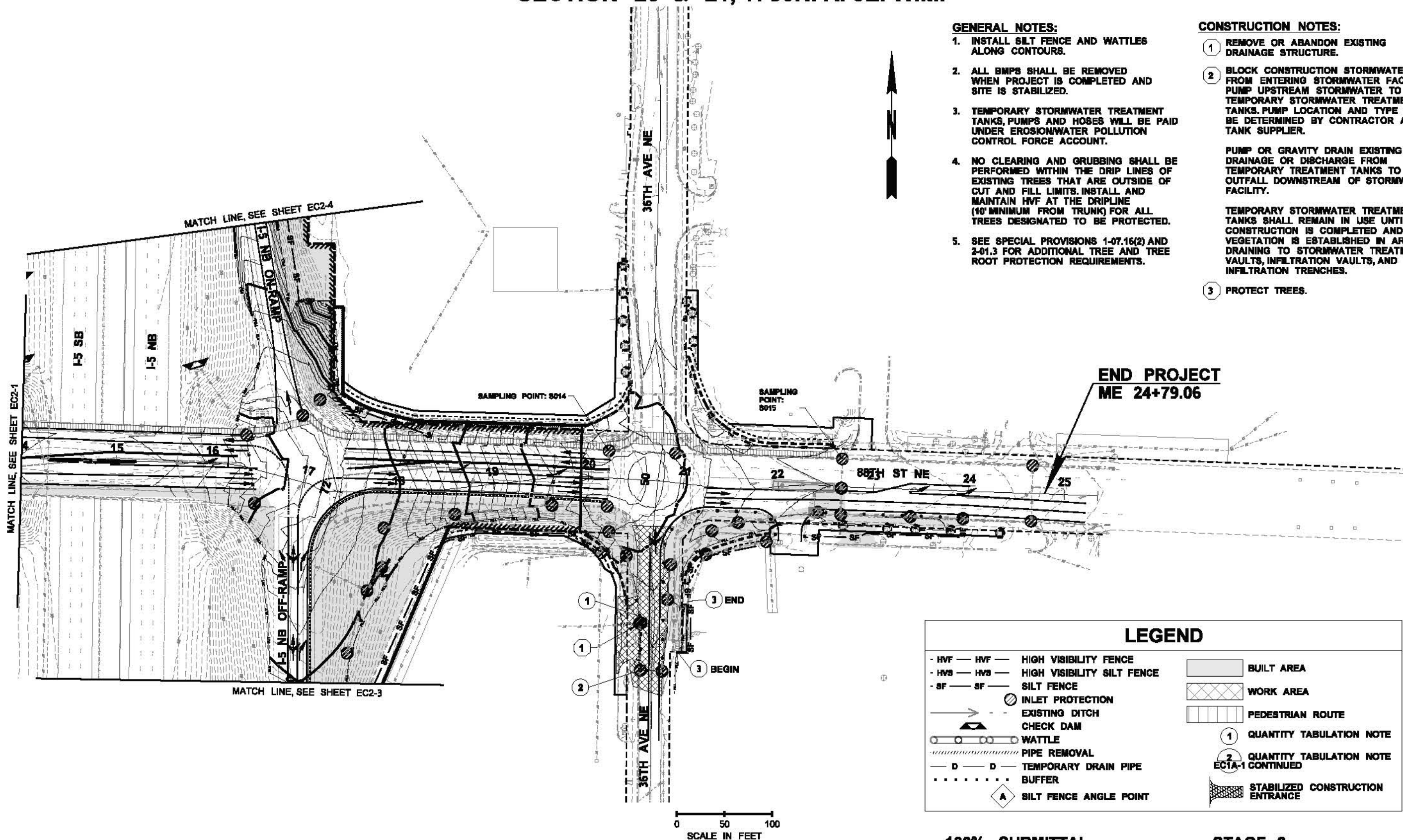
- HVF - HVF -	HIGH VISIBILITY FENCE		BUILT AREA
- HVS - HVS -	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF - SF -	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION		QUANTITY TABULATION NOTE
	EXISTING DITCH		QUANTITY TABULATION NOTE
	CHECK DAM	EC1A-1	CONTINUED
	WATTLE		STABILIZED CONSTRUCTION
	PIPE REMOVAL		ENTRANCE
- D - D -	TEMPORARY DRAIN PIPE		
.....	BUFFER		
	SILT FENCE ANGLE POINT		

0 50 100
SCALE IN FEET

STAGE 2

FILE NAME		U:\PSON\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SYCA\CADD\IGNPS&ESheet\88th Design Plans\PS1598131_88TH_PS_EC2-1.dgn														I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO.	
TIME		10:21:11 AM																EC2-1	
DATE		10/3/2025										REGION NO. STATE 10 WASH		P.E. STAMP BOX DATE		P.E. STAMP BOX DATE		SHEET 120 OF SHEETS	
PLOTTED BY		purgabut										JOB NUMBER							
DESIGNED BY		K. BELL										CONTRACT NO.		LOCATION NO.					
ENTERED BY		K. BELL																	
CHECKED BY		T. NEIER																	
PROJ. ENGR.		H. LONGFELLOW																	
REGIONAL ADM.																			
		REVISION										DATE		BY					

SECTION 20 & 21, T. 30N. R. 5E. W.M.



- GENERAL NOTES:**
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END PROJECT
ME 24+79.06

LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE
- HVF - HVF - HIGH VISIBILITY SILT FENCE
- SF - SF - SILT FENCE
- INLET PROTECTION
- EXISTING DITCH
- CHECK DAM
- WATTLE
- PIPE REMOVAL
- TEMPORARY DRAIN PIPE
- BUFFER
- SILT FENCE ANGLE POINT
- BUILT AREA
- WORK AREA
- PEDESTRIAN ROUTE
- 1 QUANTITY TABULATION NOTE
- 2 QUANTITY TABULATION NOTE EC1A-1 CONTINUED
- STABILIZED CONSTRUCTION ENTRANCE

100% SUBMITTAL

STAGE 2

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\sc\cadd\GNP\PS&ES\sheet\88th Design Plan\PS1598131 88TH 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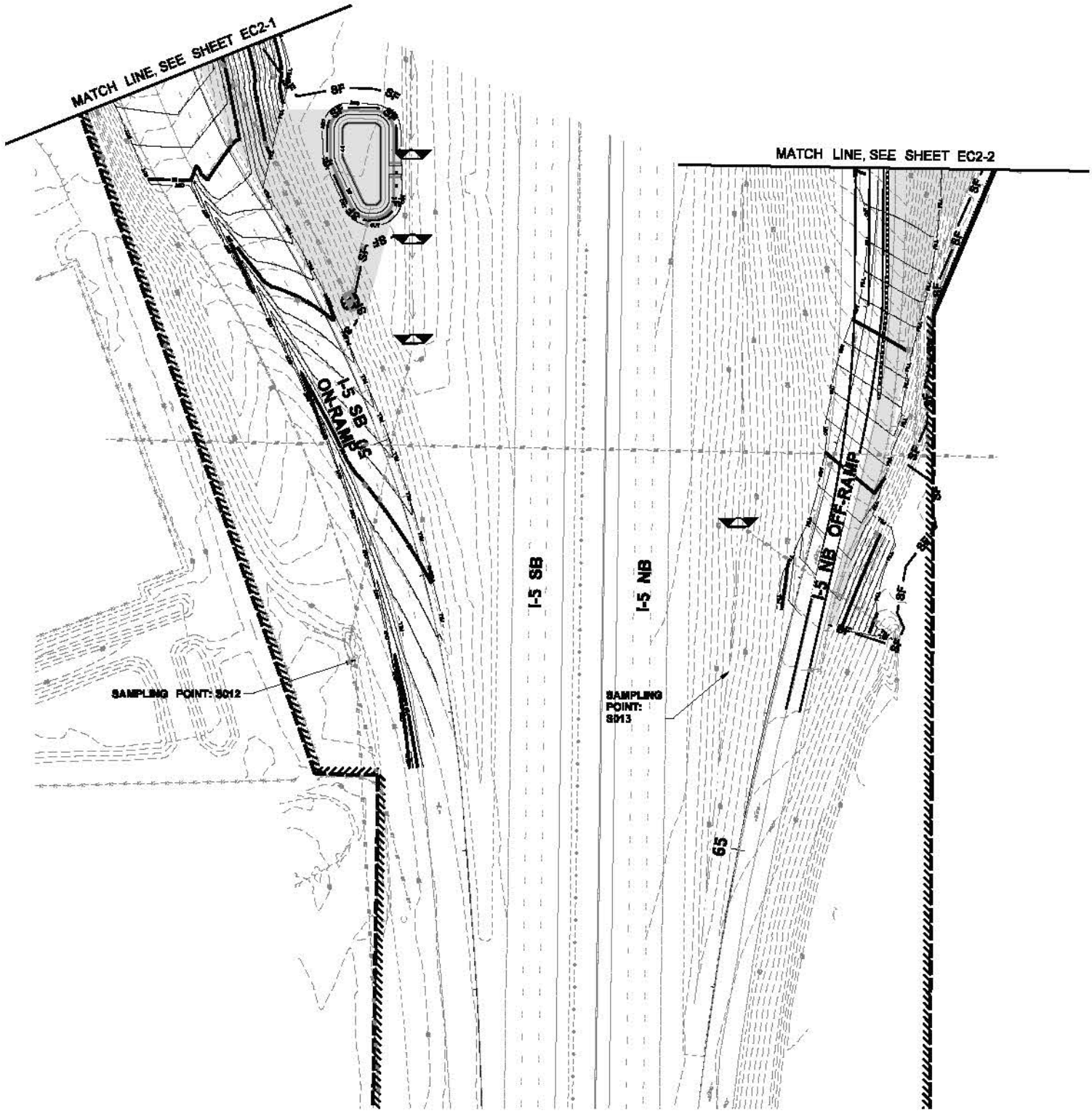
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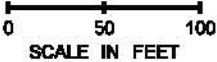
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2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

CONSTRUCTION NOTES:

1. REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
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PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

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3. PROTECT TREES.

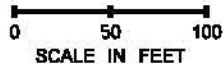
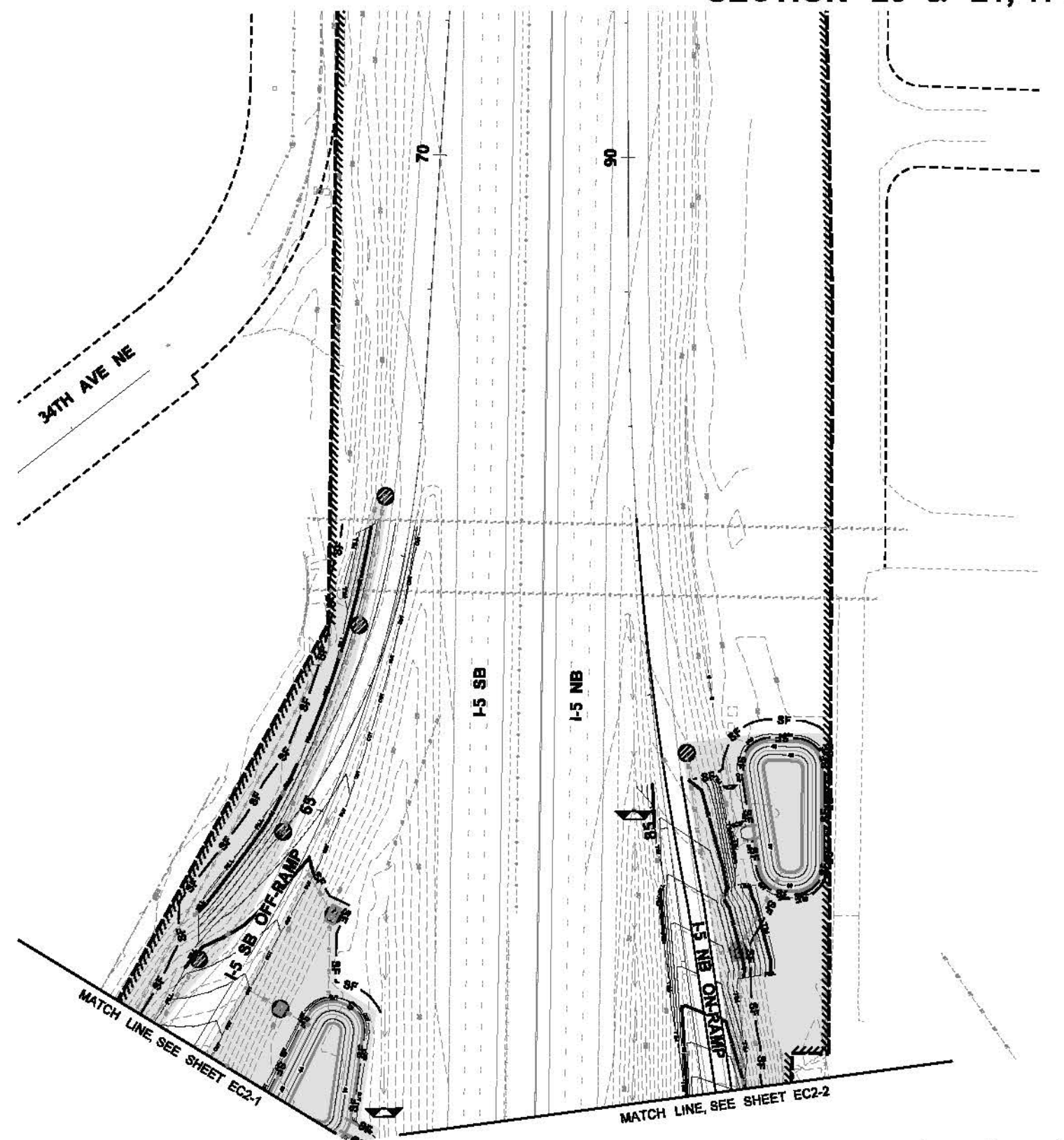


100% SUBMITTAL

STAGE 2

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99S\CA\DWG\NPS&ES\Sheet\88th Design Plan\PS1598131 88TH PS_EC2-3.dgn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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SECTION 20 & 21, T. 30N. R. 5E. W.M.



LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE

- HVS - HVS - HIGH VISIBILITY SILT FENCE

- SF - SF - SILT FENCE

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

- D - D - TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1 QUANTITY TABULATION NOTE

2 QUANTITY TABULATION NOTE
ECTA-1 CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

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- 3 PROTECT TREES.

100% SUBMITTAL

STAGE 2

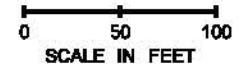
FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ES\sheet\88th Design Plan\PS1598131 88TH PS_EC2-4.dgn				FED AID PROJ. NO.			DATE	P.E. STAMP BOX	DATE		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2	PLAN REF. NO. EC2-4
TIME 10:21:35 AM				REGION NO. 10	STATE WASH							
DATE 10/3/2025				JOB NUMBER								
PLOTTED BY purgabut				CONTRACT NO.	LOCATION NO.							
DESIGNED BY K. BELL												
ENTERED BY K. BELL												
CHECKED BY T. NEIER												
PROJ. ENGR. H. LONGFELLOW												
REGIONAL ADM.												
	REVISION		DATE	BY							TESC PLAN	SHEET 123 OF SHEETS

PLAN REF. NO.
EC3-1

SHEET
124
OF
SHEETS

LEGEND

- PLAN REF. NO.
EC3-2
- SHEET
125
OF
- SHEETS



- HVF — HVF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVS — HVS —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION	①	QUANTITY TABULATION NOTE
	EXISTING DITCH	②	QUANTITY TABULATION NOTE
	CHECK DAM	ECTA-1	CONTINUED
	WATTLE		PIPE REMOVAL
	TEMPORARY DRAIN PIPE		BUFFER
	SILT FENCE ANGLE POINT		STABILIZED CONSTRUCTION ENTRANCE

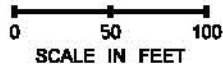
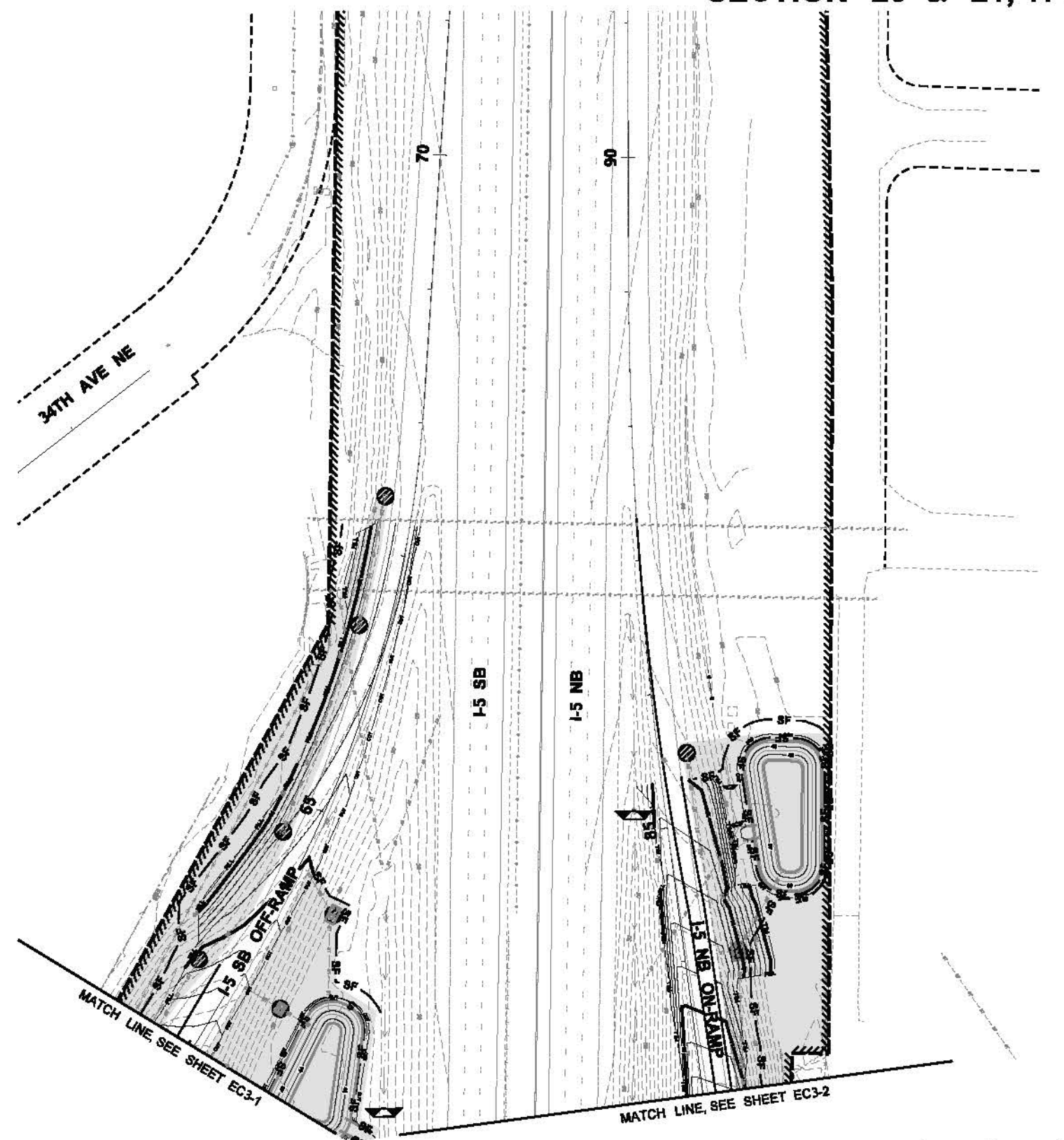
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- 3 PROTECT TREES.

FILE NAME		U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131_4th St 88th St Corridor\99SVCA\CADD\GNP\S&E\Sheet\88TH Design Plans\PS1598131_88TH_PS_EC3-3.dgn																			
TIME		10:21:42 AM						REGION NO.		STATE		FED.AID PROJ.NO.		 PRELIMINARY P.E. STAMP BOX _____ DATE _____ P.S. STAMP BOX _____ DATE _____				I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO.	
DATE		10/3/2025						10 WASH		EC3-3											
PLOTTED BY		purgabur						JOB NUMBER												SHEET 126 OF	
DESIGNED BY		K. BELL						CONTRACT NO.		LOCATION NO.						TESC PLAN		SHEETS			
ENTERED BY		K. BELL																			
CHECKED BY		T. NEIER																			
PROJ. ENGR.		H. LONGFELLOW																			
REGIONAL ADM.																					
				REVISION				DATE				BY									

SECTION 20 & 21, T. 30N. R. 5E. W.M.



LEGEND

- HVF

- HVF

- HVF

- SF

— HVF —

— HVF —

— HVF —

— SF —

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

— HVF —

— HVF —

— HVF —

— SF —

— HVF —

— HVF —

— HVF —

— SF —

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1 QUANTITY TABULATION NOTE

2 QUANTITY TABULATION NOTE CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1 QUANTITY TABULATION NOTE

2 QUANTITY TABULATION NOTE CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1 QUANTITY TABULATION NOTE

2 QUANTITY TABULATION NOTE CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

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3. PROTECT TREES.

100% SUBMITTAL

STAGE 3

FILE NAME: U:\PSO\Projects\Clients\1598-Tulalip Tribes\1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ES\sheet\88th Design Plan\PS1598131 88TH PS_EC3-4.dgn				FED AID PROJ. NO.				I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2	PLAN REF. NO. EC3-4
TIME: 10:21:43 AM				REGION NO. 10	STATE WASH				
DATE: 10/3/2025				JOB NUMBER					
PLOTTED BY: purgabut				CONTRACT NO.	LOCATION NO.				
DESIGNED BY: K. BELL								TESC PLAN	SHEET 127 OF SHEETS
ENTERED BY: K. BELL									
CHECKED BY: T. NEIER									
PROJ. ENGR. H. LONGFELLOW									
REGIONAL ADM.	REVISION	DATE	BY						

SECTION 20, T. 30N. R. 5E. W.M.

LEGEND

- HVF

HVS

SF

D

D

A

HVF

HVS

SILT FENCE

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

1

2

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

QUANTITY TABULATION NOTE

QUANTITY TABULATION NOTE EC1A-1 CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

BEGIN PROJECT
ME 0+95.39

GENERAL NOTES:

1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
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3. PROTECT TREES.

0 50 100
SCALE IN FEET

100% SUBMITTAL

STAGE 4

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\scad\GDP\PS&ES\Sheet\88th Design Plan\PS1598131 88TH PS_EC4-1.dgn				FED AID PROJ. NO.				I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2 TESC PLAN		PLAN REF. NO. EC4-1 SHEET 128 OF SHEETS
TIME 10:21:44 AM				REGION NO. 10	STATE WASH					
DATE 10/3/2025				JOB NUMBER						
PLOTTED BY purgabit				CONTRACT NO.	LOCATION NO.					
DESIGNED BY K. BELL										
ENTERED BY K. BELL										
CHECKED BY T. NEIMER										
PROJ. ENGR. H. LONGFELLOW										
REGIONAL ADM.	REVISION	DATE	BY							

SECTION 20 & 21, T. 30N. R. 5E. W.M.

LEGEND

- HVF

- HVF

- HVF

- SF

HIGH VISIBILITY FENCE

HIGH VISIBILITY SILT FENCE

SILT FENCE

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT
-
- BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1 QUANTITY TABULATION NOTE

2 QUANTITY TABULATION NOTE

EC1A-1 CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTES:

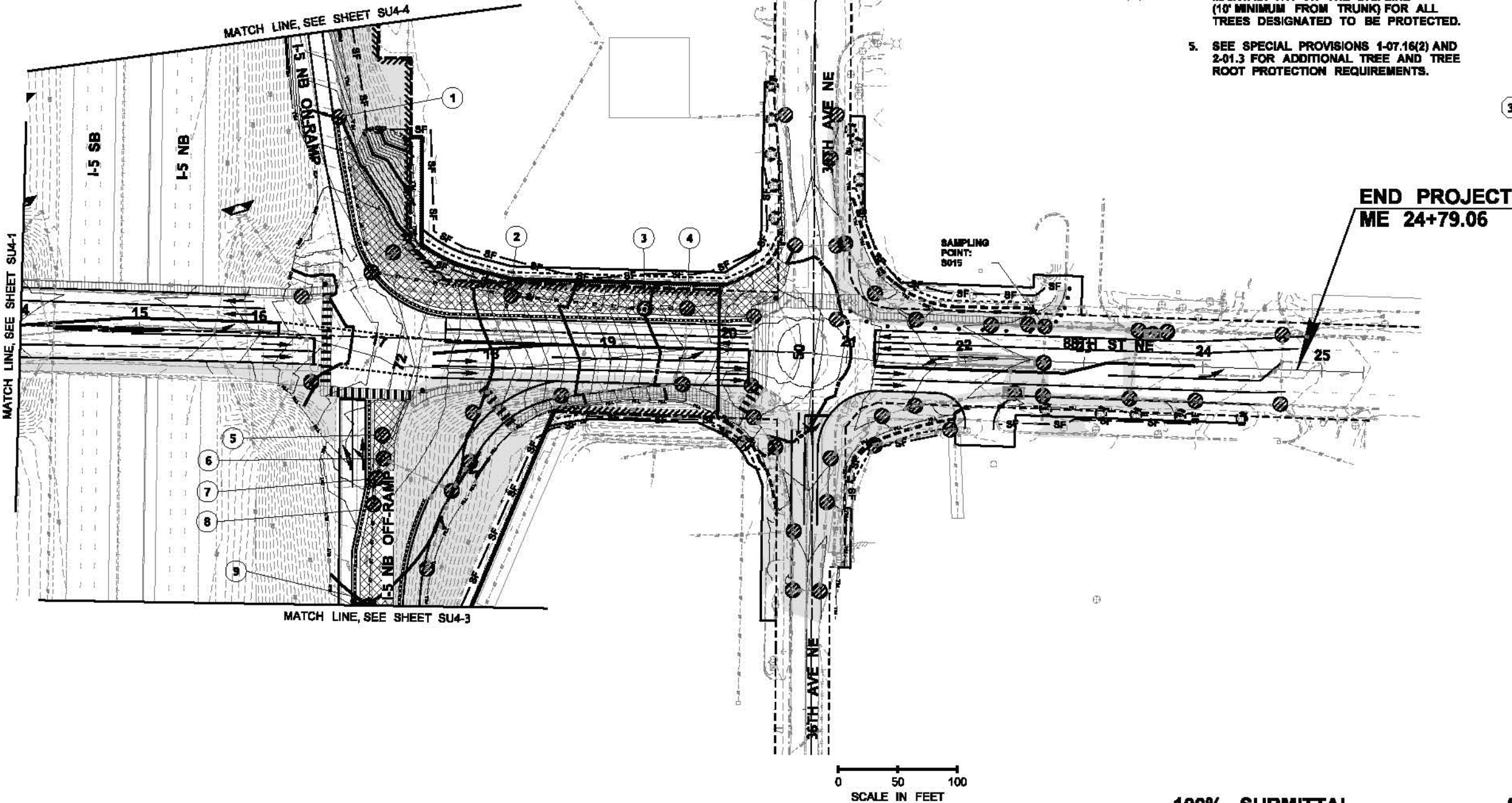
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3. PROTECT TREES.



0 50 100
SCALE IN FEET

100% SUBMITTAL

STAGE 4

FILE NAME				U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\sc\1\GADD\GNPS&ESheets\88th Design Plan\PS1598131 88TH PS_EC4-2.dgn			
TIME				10:21:46 AM			
DATE				10/3/2025			
PLOTTED BY				purgabut			
DESIGNED BY				K. BELL			
ENTERED BY				K. BELL			
CHECKED BY				T. NEIER			
PROJ. ENGR.				H. LONGFELLOW			
REGIONAL ADM.							
REVISION		DATE		BY			

REGION NO. STATE
10 WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.



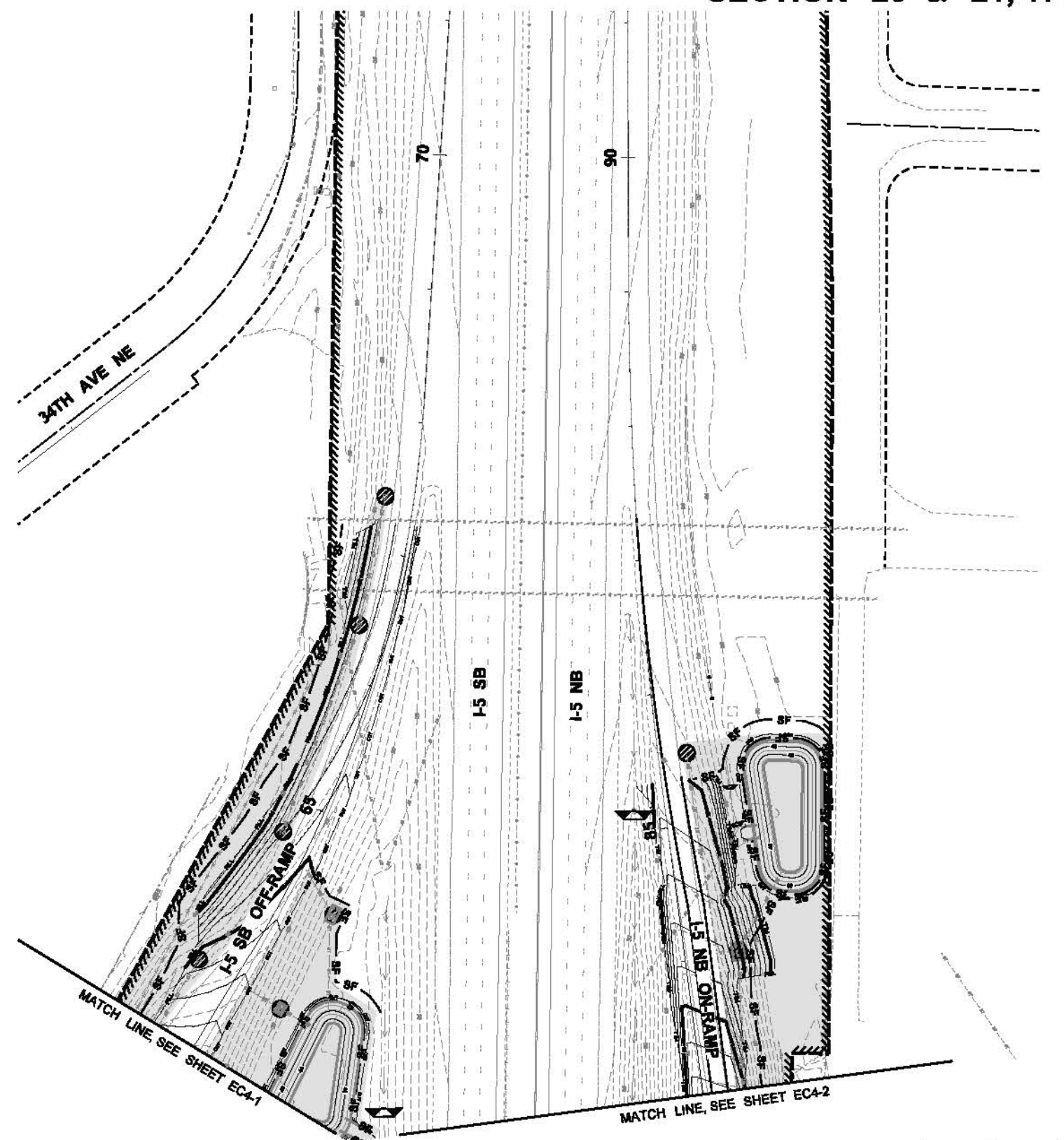
I-5 / 4TH ST AND 88TH ST NE
CORRIDOR IMPROVEMENTS
VOLUME 2 OF 2

TESC PLAN

PLAN REF. NO.
EC4-2

SHEET
129
OF
SHEETS

SECTION 20 & 21, T. 30N. R. 5E. W.M.



LEGEND

- HVF

- HVF

- HVF

- SF

HVF

HVS

HVS

SF

INLET PROTECTION

EXISTING DITCH

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

HIGH VISIBILITY FENCE

HIGH VISIBILITY SILT FENCE

SILT FENCE

1

2

EC1A-1

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

QUANTITY TABULATION NOTE

QUANTITY TABULATION NOTE

CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTES:

1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.
2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.
4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
5. SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.

CONSTRUCTION NOTES:

1. REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
2. BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.
3. PROTECT TREES.

100% SUBMITTAL

STAGE 4

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ES\sheet\88th Design Plan\PS1598131 88TH PS_EC4-4.dgn				FED AID PROJ. NO.		 Parametrix	I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO. EC4-4			
TIME 10:21:50 AM				REGION NO. 10	STATE WASH		TESC PLAN		SHEET 131 OF 131			
DATE 10/3/2025				JOB NUMBER								
PLOTTED BY purgabut				CONTRACT NO.								
DESIGNED BY K. BELL				LOCATION NO.								
ENTERED BY K. BELL												
CHECKED BY T. NEIER												
PROJ. ENGR. H. LONGFELLOW												
REGIONAL ADM.												
REVISION				DATE	BY							

- HMF — HMF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVB — HVB —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION		QUANTITY TABULATION NOTE
	EXISTING DITCH		QUANTITY TABULATION NOTE
	CHECK DAM	EC1A-1 CONTINUED	
	WATTLE		STABILIZED CONSTRUCTION ENTRANCE
	PIPE REMOVAL		
— D — D —	TEMPORARY DRAIN PIPE		
.....	BUFFER		
	SILT FENCE ANGLE POINT		



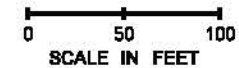
1. **INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND 2-01.3 FOR ADDITIONAL TREE AND TREE ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.

PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

- TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.**

- 3 PROTECT TREES.**



100% SUBMITTAL

STAGE 5

FILE NAME		U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99Srvca\CADD\IGNPS&ESheets\88th Design Plans\PS1598131_88TH_PS_EC5-1.dgn										 DATE _____ P.E. STAMP BOX _____			I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2	PLAN REF. NO. EC5-1				
TIME		10:21:51 AM								REGION NO.							STATE		FED.AID PROJ.NO.	
DATE		10/3/2025								10							WASH			
PLOTTED BY		purgabut								JOB NUMBER										
DESIGNED BY		K. BELL																		
ENTERED BY		K. BELL								CONTRACT NO.					LOCATION NO.					
CHECKED BY		T. NEMER																		
PROJ. ENGR.		H. LONGFELLOW														SHEET 132 OF SHEETS				
REGIONAL ADM.				REVISION		DATE		BY												

SECTION 20 & 21, T. 30N. R. 5E. W.M.

LEGEND

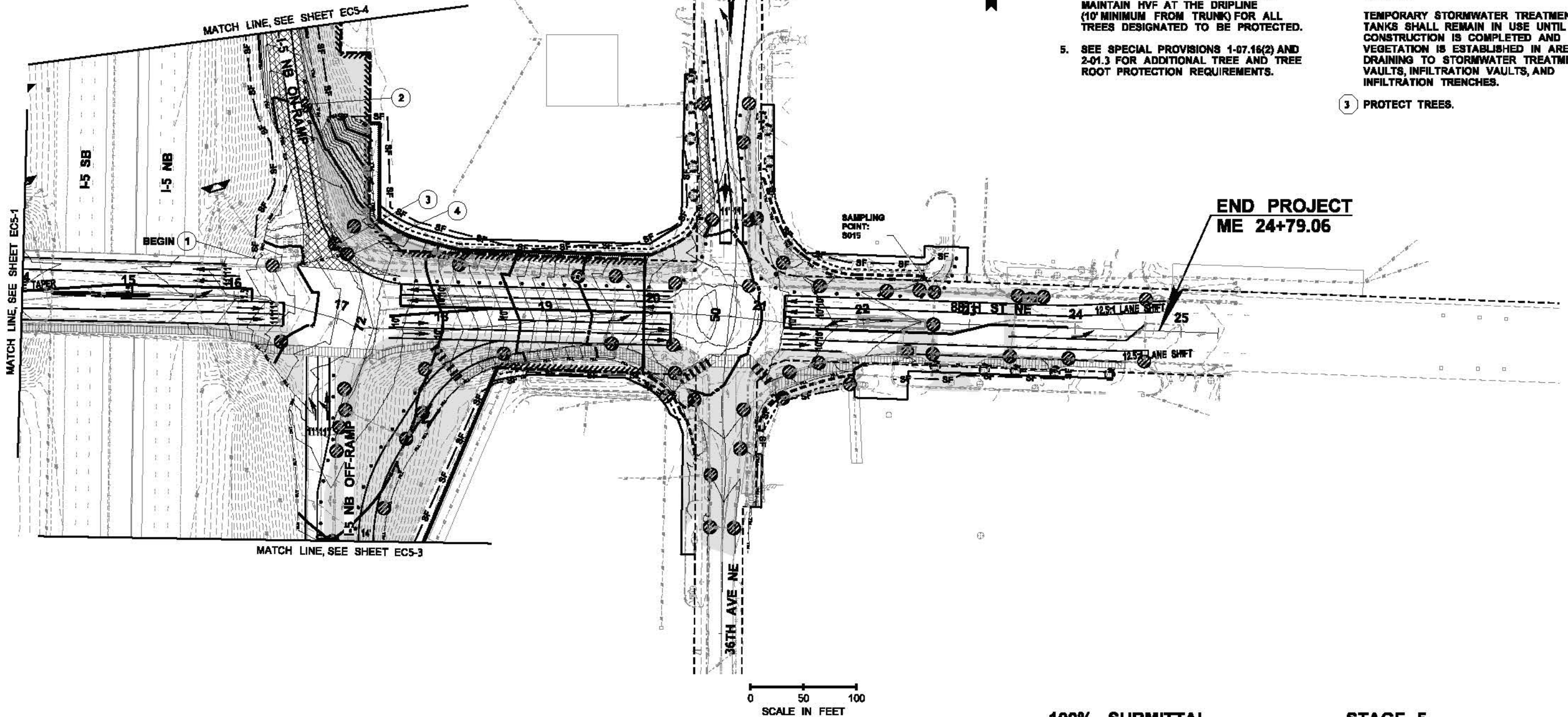
- | | | | |
|---|----------------------------|---|----------------------------------|
| HVF — HVF — | HIGH VISIBILITY FENCE |  | BUILT AREA |
| HVS — HVS — | HIGH VISIBILITY SILT FENCE |  | WORK AREA |
| SF — SF — | SILT FENCE |  | PEDESTRIAN ROUTE |
|  | INLET PROTECTION |  | 1 QUANTITY TABULATION NOTE |
|  | EXISTING DITCH |  | 2 QUANTITY TABULATION NOTE |
|  | CHECK DAM | ECIA-1 | CONTINUED |
|  | WATTLE |  | STABILIZED CONSTRUCTION ENTRANCE |
|  | PIPE REMOVAL | | |
| D — D — | TEMPORARY DRAIN PIPE | | |
| | BUFFER | | |
|  | SILT FENCE ANGLE POINT | | |

GENERAL NOTES:

1. **INSTALL SILT FENCE AND WATTLES
ALONG CONTOURS.**
2. **ALL BMPs SHALL BE REMOVED
WHEN PROJECT IS COMPLETED AND
SITE IS STABILIZED.**
3. **TEMPORARY STORMWATER TREATMENT
TANKS, PUMPS AND HOSES WILL BE PAID
UNDER EROSION/WATER POLLUTION
CONTROL FORCE ACCOUNT.**
4. **NO CLEARING AND GRUBBING SHALL BE
PERFORMED WITHIN THE DRIP LINES OF
EXISTING TREES THAT ARE OUTSIDE OF
CUT AND FILL LIMITS. INSTALL AND
MAINTAIN HVF AT THE DRIPLINE
(10' MINIMUM FROM TRUNK) FOR ALL
TREES DESIGNATED TO BE PROTECTED.**
5. **SEE SPECIAL PROVISIONS 1-07.16(2) AND
2-01.3 FOR ADDITIONAL TREE AND TREE
ROOT PROTECTION REQUIREMENTS.**

CONSTRUCTION NOTES:

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.**
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.**
- PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.**
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- 3 PROTECT TREES.**

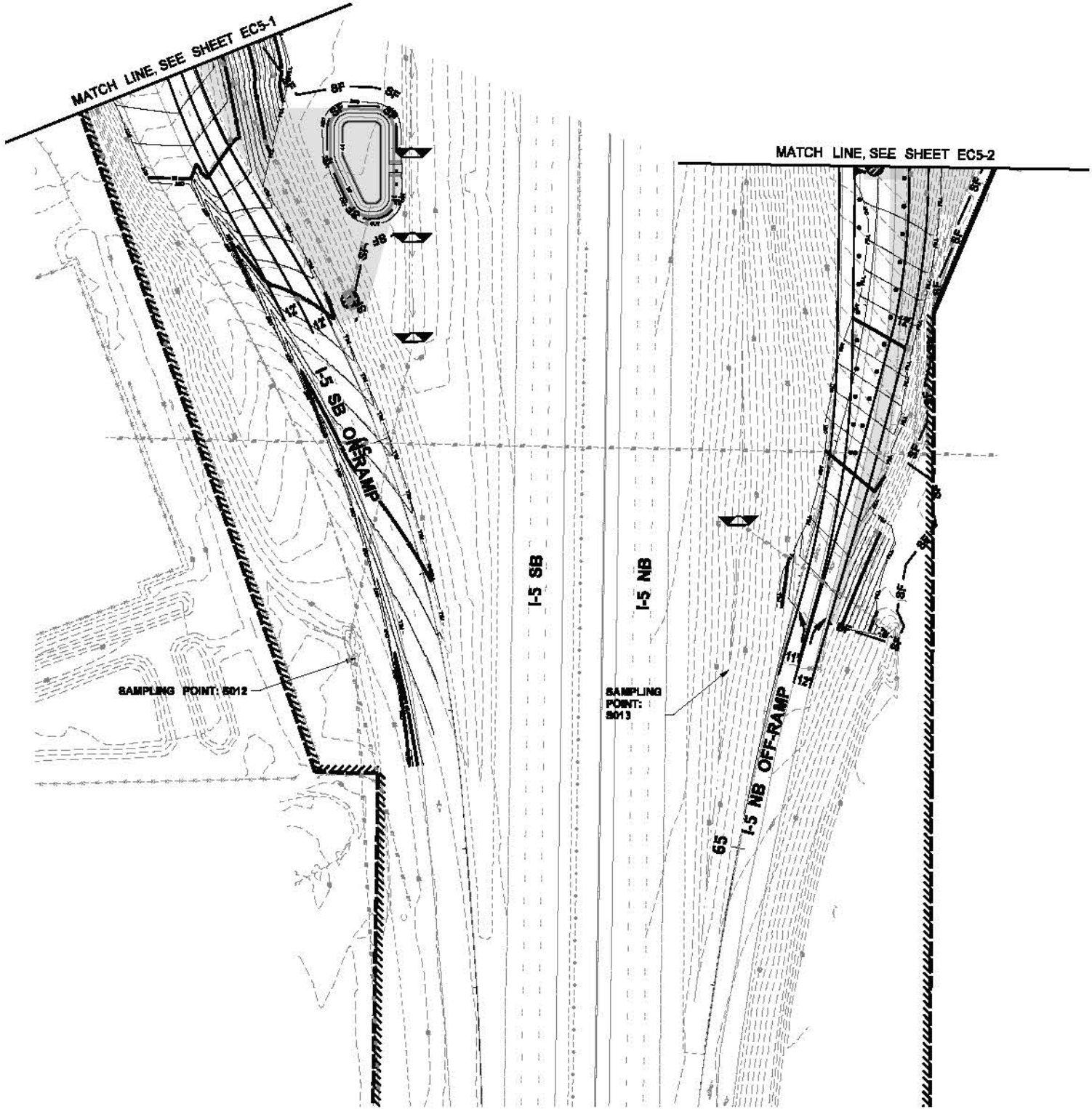


100% SUBMITTAL

STAGE 5

FILE NAME				U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4thSt 88thSt Corridor\99SYCAL\ADD\IGNPS&E\Sheet\88th Design Plans\PS1598131_88TH_PS_EC5-2.dgn						I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO.			
TIME				10:21:53 AM								FED.AID PROJ.NO.		EC5-2	
DATE				10/3/2025								REGION NO.		STATE	
PLOTTED BY				purgabut								10		WASH	
DESIGNED BY				K. BELL								JOB NUMBER			
ENTERED BY				K. BELL				CONTRACT NO.		LOCATION NO.		SHEET			
CHECKED BY				T. NEIER								133			
PROJ. ENGR.				H. LONGFELLOW								OF			
REGIONAL ADM.								REVISION		DATE		BY			
												SHEETS			

SECTION 20 & 21, T. 30N. R. 5E. W.M.



LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE

- HVS - HVS - HIGH VISIBILITY SILT FENCE

- SF - SF - SILT FENCE

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

BUFFER

SILT FENCE ANGLE POINT

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

QUANTITY TABULATION NOTE

QUANTITY TABULATION NOTE EC5A-1 CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTES:

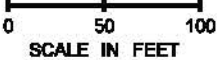
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CONSTRUCTION NOTES:

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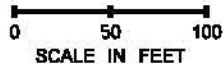
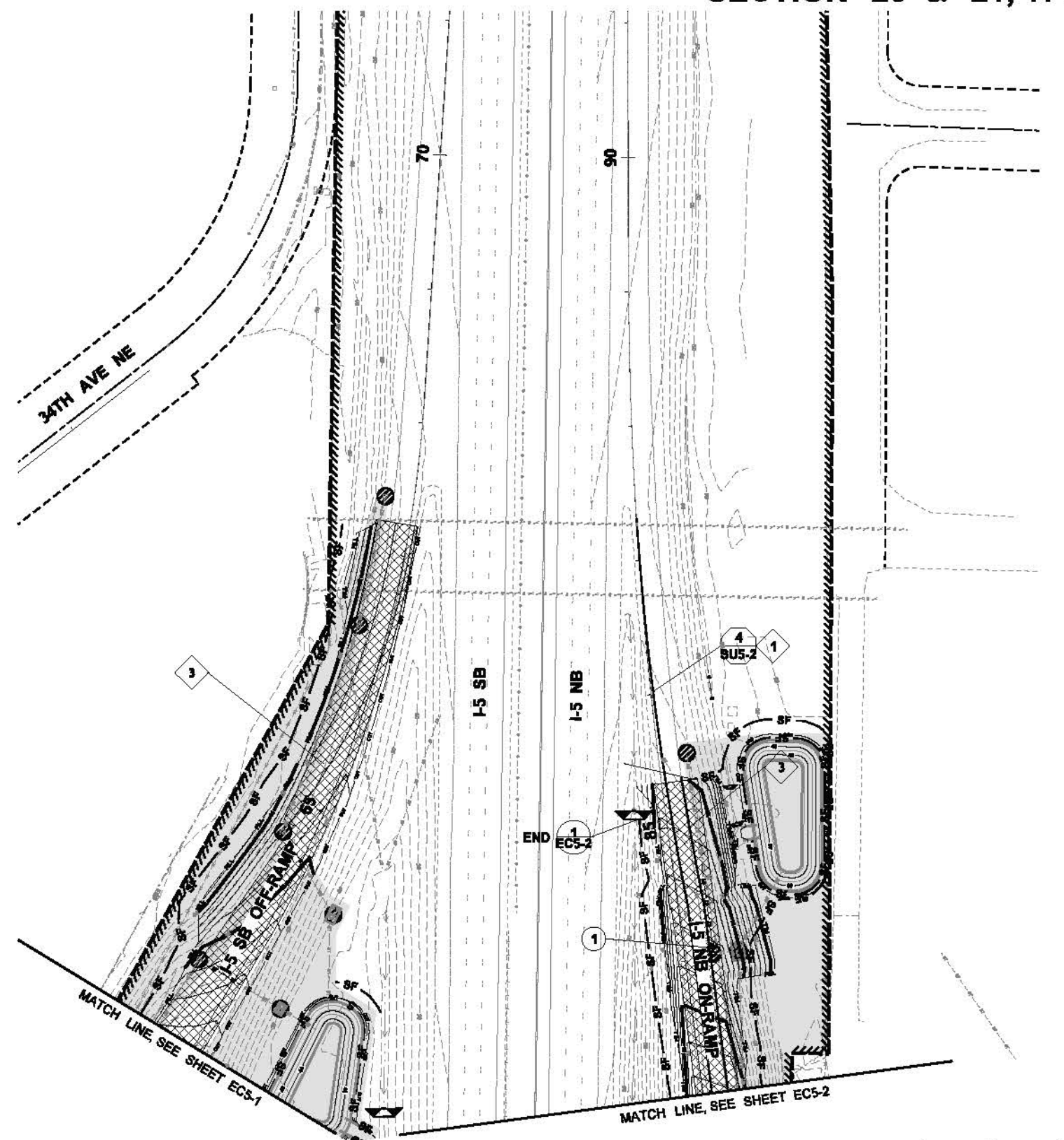
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3. PROTECT TREES.



FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ES\sheet\88th Design 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- 3 PROTECT TREES.

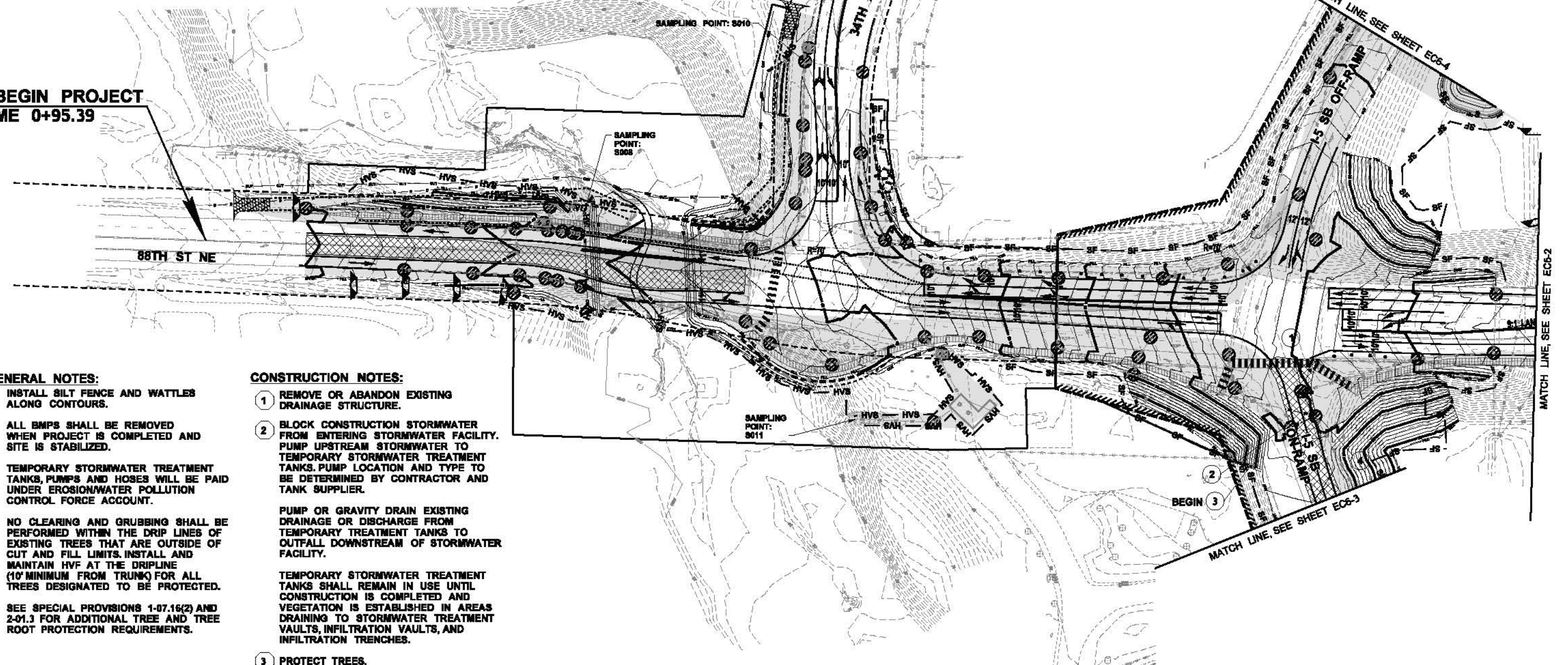
100% SUBMITTAL

STAGE 5

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ES\sheet\88th Design Plans\PS1598131 88TH PS_EC5-4.dgn				FED AID PROJ. NO.			DATE	P.E. STAMP BOX	DATE		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2 TESC PLAN	PLAN REF. NO. EC5-4
TIME 10:21:55 AM				REGION NO. 10	STATE WASH							
DATE 10/3/2025				JOB NUMBER								
DESIGNED BY K. BELL				CONTRACT NO.	LOCATION NO.							
ENTERED BY K. BELL												
CHECKED BY T. NEIER												
PROJ. ENGR. H. LONGFELLOW												
REGIONAL ADM.												
	REVISION		DATE	BY								

LEGEND

- BEGIN PROJECT**
ME 0+95.39



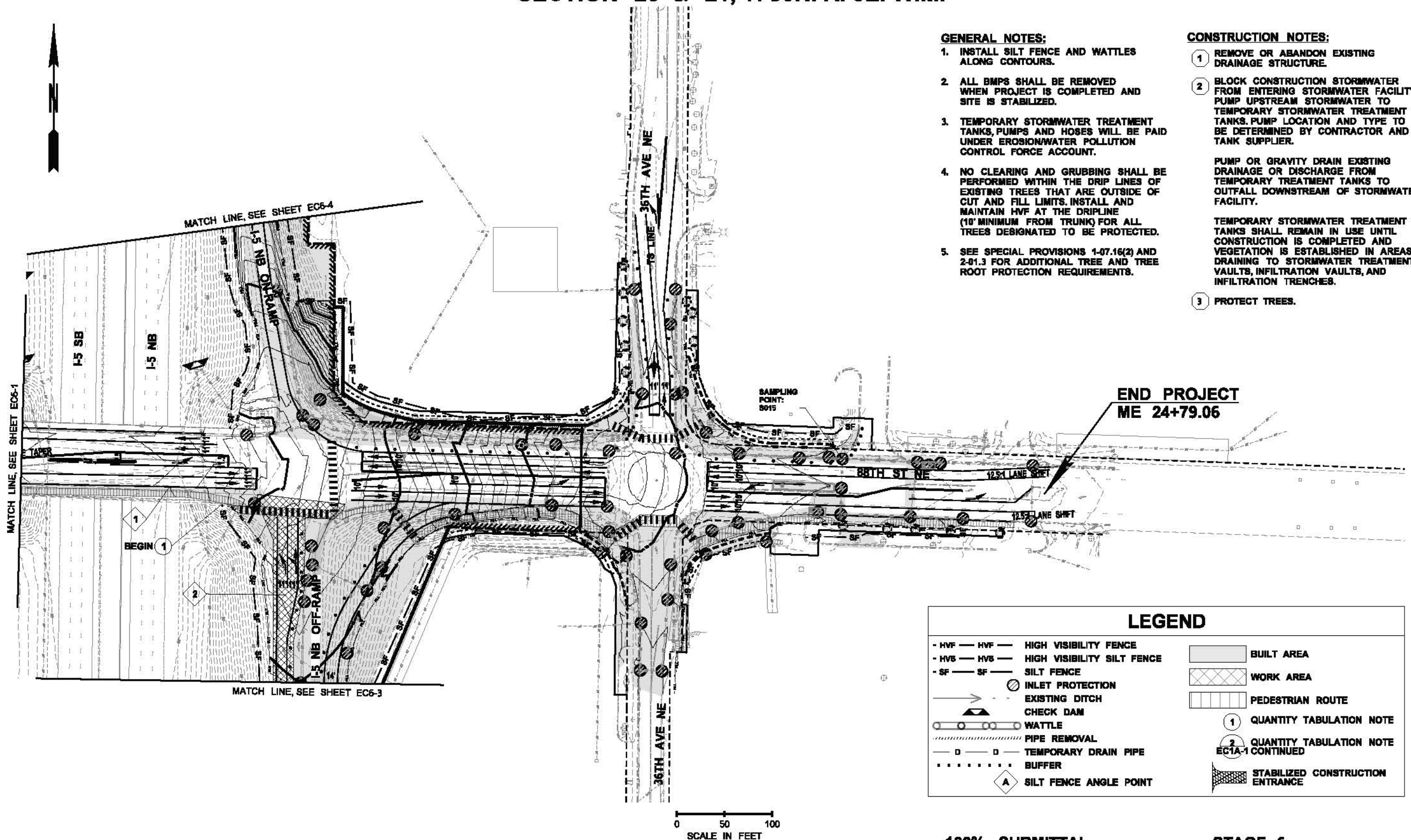
-
- A horizontal scale bar with three tick marks. The first tick mark is at the left end and is labeled '0'. The second tick mark is in the middle and is labeled '50'. The third tick mark is at the right end and is labeled '100'. Below the scale bar, the text 'SCALE IN FEET' is written in all capital letters.

PLAN REF. NO.
EC6-1

SHEET
136
OF

SHEETS

SECTION 20 & 21, T. 30N. R. 5E. W.M.



GENERAL NOTES:

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- 3. PROTECT TREES.

LEGEND

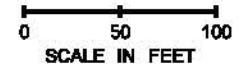
- HVF - HVF - HIGH VISIBILITY FENCE
- HVSB - HVSB - HIGH VISIBILITY SILT FENCE
- SF - SF - SILT FENCE
- INLET PROTECTION
- EXISTING DITCH
- CHECK DAM
- WATTLE
- PIPE REMOVAL
- TEMPORARY DRAIN PIPE
- BUFFER
- SILT FENCE ANGLE POINT
- BUILT AREA
- WORK AREA
- PEDESTRIAN ROUTE
- 1 QUANTITY TABULATION NOTE
- 2 QUANTITY TABULATION NOTE EC1A-1 CONTINUED
- STABILIZED CONSTRUCTION ENTRANCE

0 50 100
SCALE IN FEET

100% SUBMITTAL

STAGE 6

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\sc\CAD\DWG\NPS\ES\Sheet\188th Design Plan\PS1598131 88TH PS_EC6-2.dgn										 PRELIMINARY			I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2	PLAN REF. NO. EC6-2
TIME 10:21:58 AM	DATE 10/3/2025	PLOTTED BY purgabut	DESIGNED BY K. BELL	ENTERED BY K. BELL	CHECKED BY T. NEIMER	PROJ. ENGR. H. LONGFELLOW	REGIONAL ADM.	SHEET 137 OF						
REVISION				DATE	BY	CONTRACT NO.		LOCATION NO.		TESC PLAN	SHEETS			



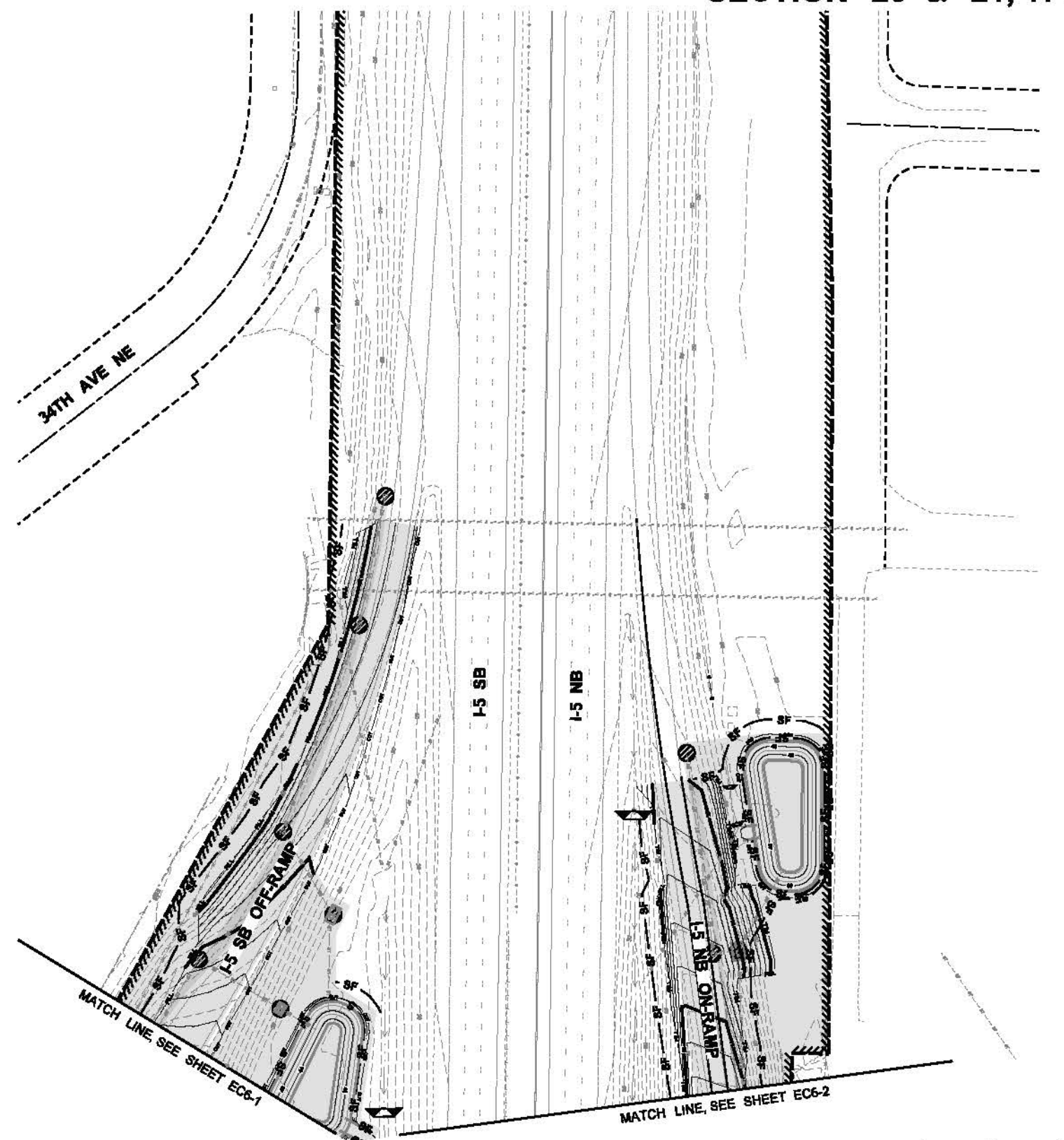
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[illegible]

SECTION 20 & 21, T. 30N. R. 5E. W.M.



LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE

- HV8 - HV8 - HIGH VISIBILITY SILT FENCE

- SF - SF - SILT FENCE

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1

 QUANTITY TABULATION NOTE

2

 QUANTITY TABULATION NOTE EC1A-1 CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTES:

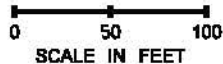
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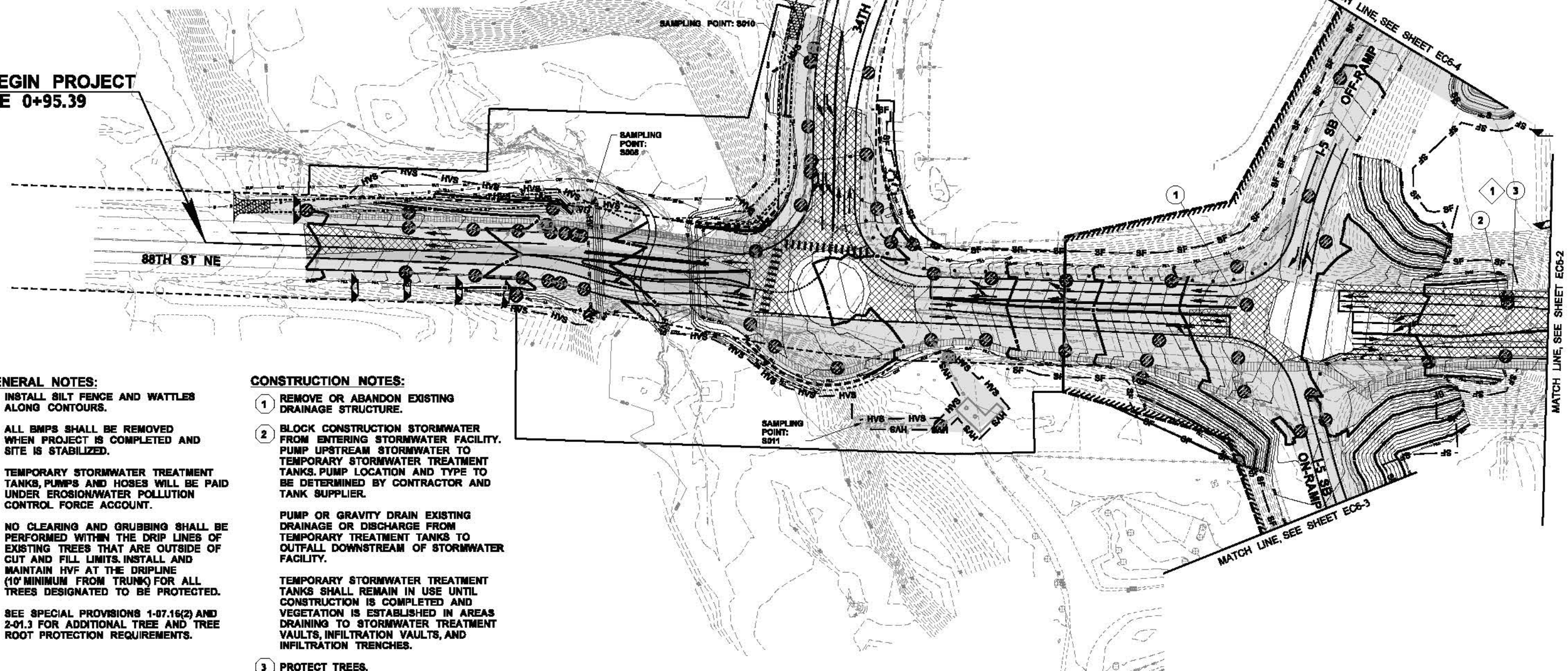
100% SUBMITTAL

STAGE 6

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ES\sheet\188th Design Plan\PS1598131 88TH 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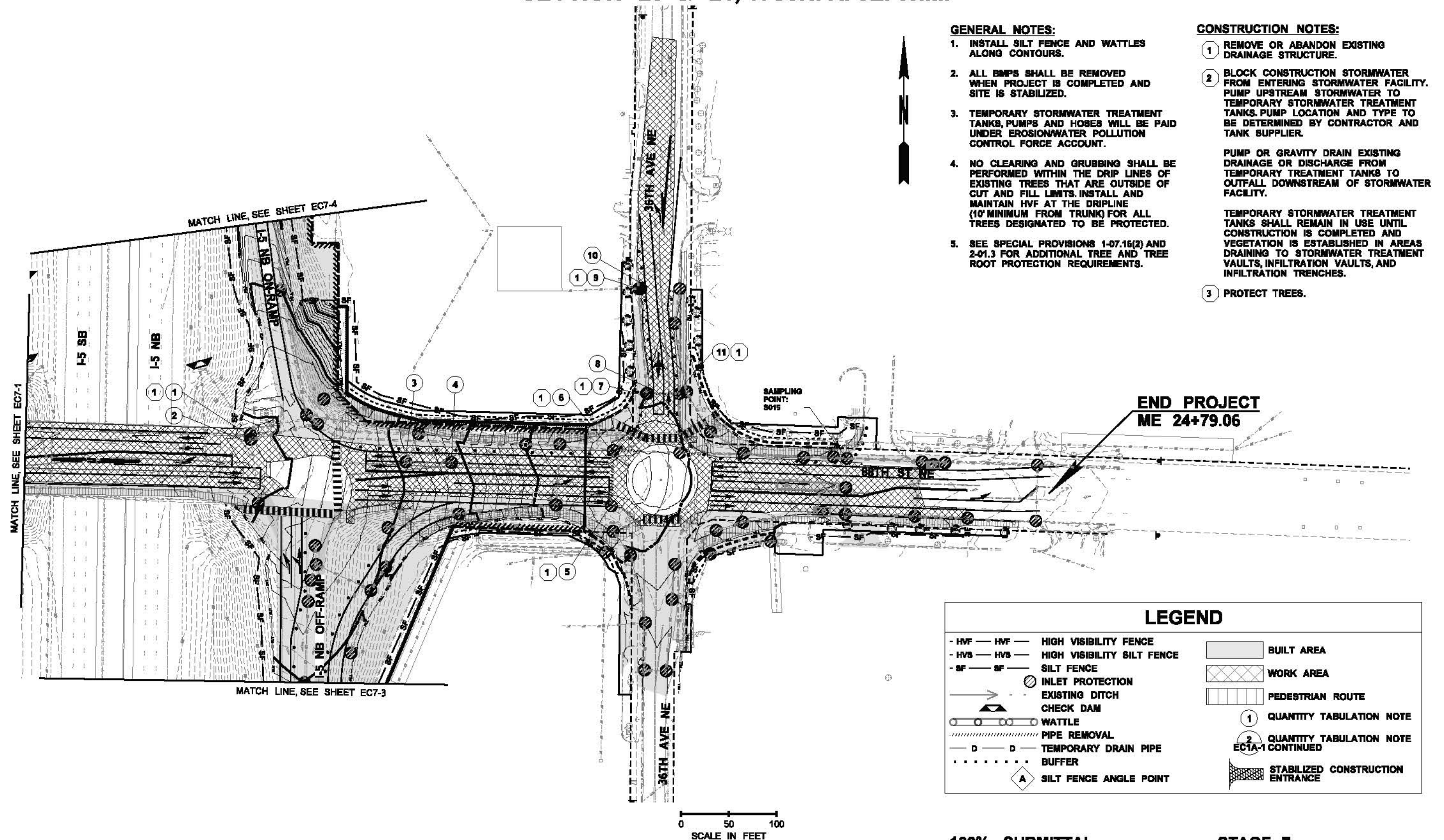


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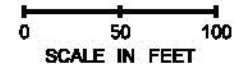
SECTION 20 & 21, T. 30N. R. 5E. W.M.



100% SUBMITTAL

STAGE 7

FILE NAME		U:\PSON\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99SYCA\CADD\IGNPS&ESheet\88th Design Plans\PS1598131_88TH_PS_EC7-2.dgn														I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO.	
TIME		10:22:04 AM						REGION NO.		STATE								FED.AID PROJ.NO.	
DATE		10/3/2025						10		WASH									
PLOTTED BY		purgabut						JOB NUMBER											
DESIGNED BY		K. BELL																	
ENTERED BY		K. BELL						CONTRACT NO.											
CHECKED BY		T. NEIER																	
PROJ. ENGR.		H. LONGFELLOW						DATE											
REGIONAL ADM.																			
		REVISION		DATE		BY										SHEET 141 OF SHEETS			
								P.E. STAMP BOX		DATE		P.E. STAMP BOX		DATE		TESC PLAN			



- HVF — HVF —	HIGH VISIBILITY FENCE		BUILT AREA
- HVB — HVB —	HIGH VISIBILITY SILT FENCE		WORK AREA
- SF — SF —	SILT FENCE		PEDESTRIAN ROUTE
	INLET PROTECTION		QUANTITY TABULATION NOTE
	EXISTING DITCH		QUANTITY TABULATION NOTE
	CHECK DAM	ECTA-1	CONTINUED
	WATTLE		
	PIPE REMOVAL		
— D — D —	TEMPORARY DRAIN PIPE		
.	BUFFER		
	SILT FENCE ANGLE POINT		STABILIZED CONSTRUCTION ENTRANCE

- 1. INSTALL SILT FENCE AND WATTLES
ALONG CONTOURS.**
- 2. ALL BMPs SHALL BE REMOVED
WHEN PROJECT IS COMPLETED AND
SITE IS STABILIZED.**
- 3. TEMPORARY STORMWATER TREATMENT
TANKS, PUMPS AND HOSES WILL BE PAID
UNDER EROSION/WATER POLLUTION
CONTROL FORCE ACCOUNT.**
- 4. NO CLEARING AND GRUBBING SHALL BE
PERFORMED WITHIN THE DRIP LINES OF
EXISTING TREES THAT ARE OUTSIDE OF
CUT AND FILL LIMITS. INSTALL AND
MAINTAIN HVF AT THE DRIPLINE
(10' MINIMUM FROM TRUNK) FOR ALL
TREES DESIGNATED TO BE PROTECTED.**
- 5. SEE SPECIAL PROVISIONS 1-07.16(2) AND
2-01.3 FOR ADDITIONAL TREE AND TREE
ROOT PROTECTION REQUIREMENTS.**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.**
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.**

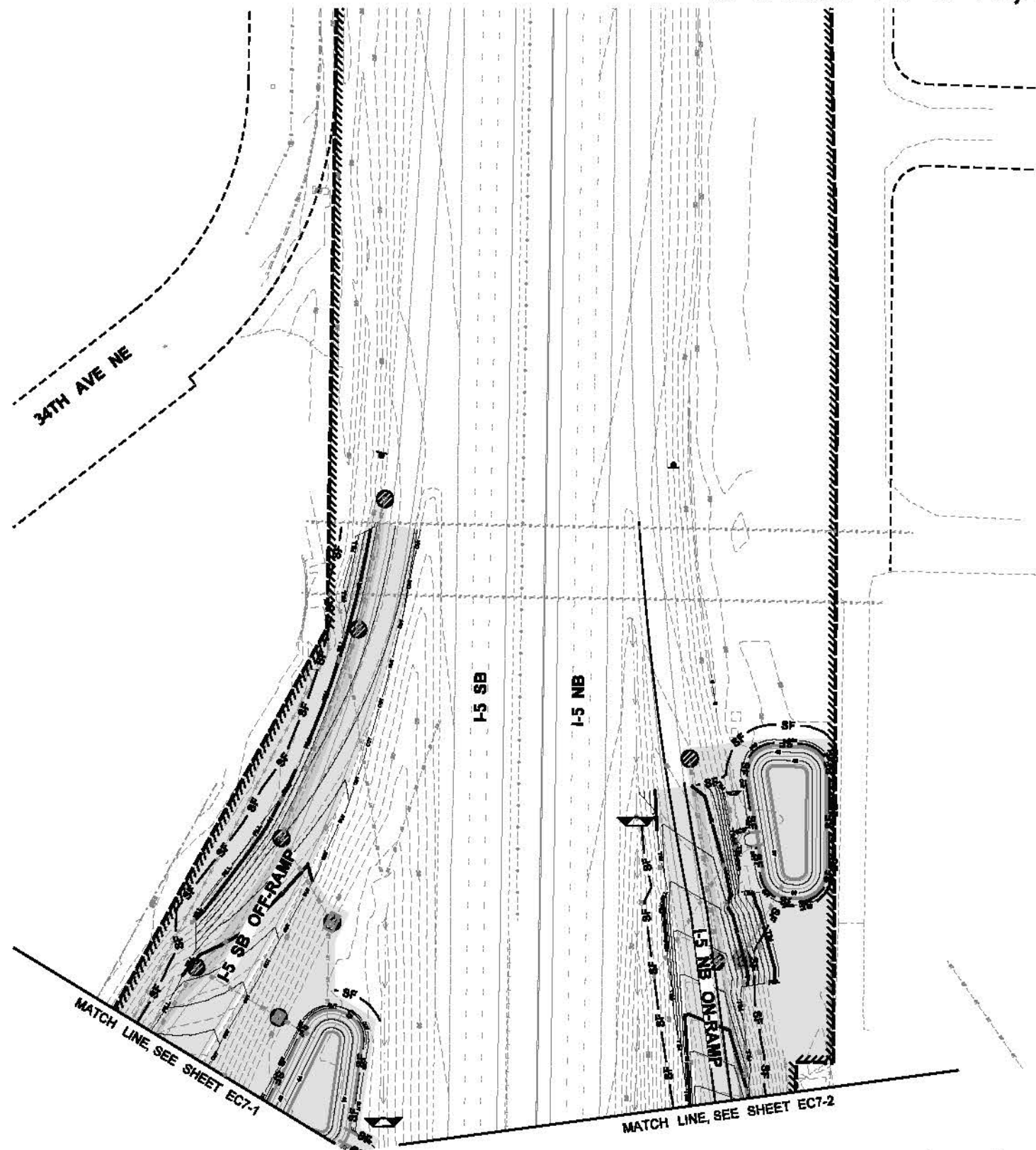
PUMP OR GRAVITY DRAIN EXISTING DRAINAGE OR DISCHARGE FROM TEMPORARY TREATMENT TANKS TO OUTFALL DOWNSTREAM OF STORMWATER FACILITY.

TEMPORARY STORMWATER TREATMENT TANKS SHALL REMAIN IN USE UNTIL CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED IN AREAS DRAINING TO STORMWATER TREATMENT VAULTS, INFILTRATION VAULTS, AND INFILTRATION TRENCHES.
- 3 PROTECT TREES.**

STAGE 7

[illegible]

100



GENERAL NOTES:

- CONSTRUCTION NOTES:**

- 1 REMOVE OR ABANDON EXISTING DRAINAGE STRUCTURE.**
- 2 BLOCK CONSTRUCTION STORMWATER FROM ENTERING STORMWATER FACILITY. PUMP UPSTREAM STORMWATER TO TEMPORARY STORMWATER TREATMENT TANKS. PUMP LOCATION AND TYPE TO BE DETERMINED BY CONTRACTOR AND TANK SUPPLIER.**
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- 3 PROTECT TREES.**

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3 PROTECT TREES.

A horizontal scale bar with three tick marks. The first tick mark is at the left end and is labeled '0'. The second tick mark is in the middle and is labeled '50'. The third tick mark is at the right end and is labeled '100'. Below the scale bar, the text 'SCALE IN FEET' is written in all capital letters.

100% SUBMITTAL

STAGE 7

[illegible]

SECTION 20, T. 30N. R. 5E. W.M.

LEGEND

- HVF

HVF

HVS

HVS

SF

SF

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1 QUANTITY TABULATION NOTE

2 QUANTITY TABULATION NOTE CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

BEGIN PROJECT
ME 0+95.39

GENERAL NOTES:

1. INSTALL SILT FENCE AND WATTLES ALONG CONTOURS.

2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.

3. TEMPORARY STORMWATER TREATMENT TANKS, PUMPS AND HOSES WILL BE PAID UNDER EROSION/WATER POLLUTION CONTROL FORCE ACCOUNT.

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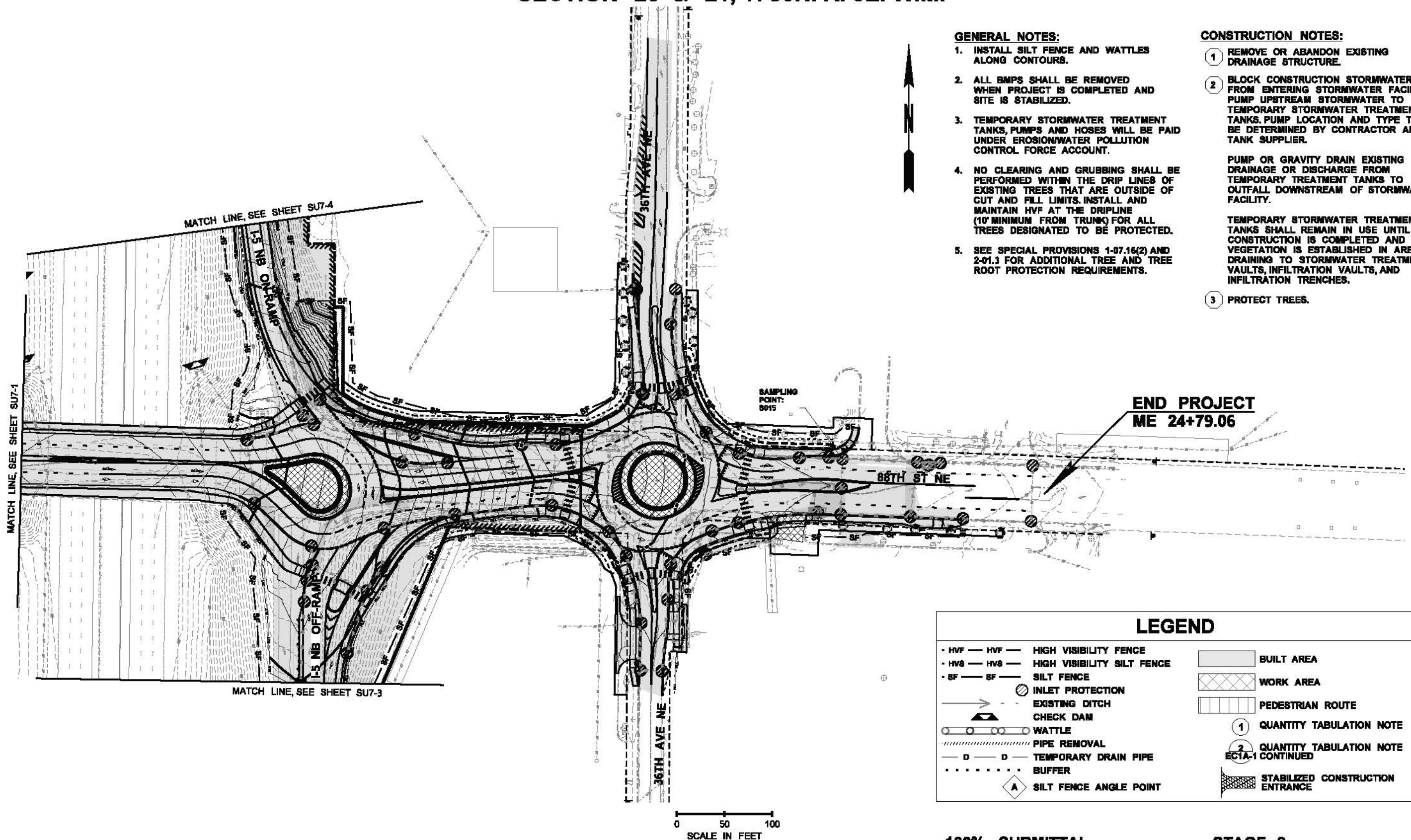
3. PROTECT TREES.

100% SUBMITTAL

STAGE 8

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1598-131 4th St 88th St Corridor\999\cadd\IGNPS&ESheets\88th Design Plans\PS1598131 88TH PS_EC8-1.dgn			FED AID PROJ. NO.		TULALIP TRIBES		I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO. EC8-1
TIME 10:22:08 AM			REGION NO. 10	STATE WASH	TULALIP TRIBES Parametrix	Parametrix	TESC PLAN		SHEET 144 OF SHEETS
DATE 10/3/2025			JOB NUMBER						
PLOTTED BY purgabut			CONTRACT NO.	LOCATION NO.					
DESIGNED BY K. BELL									
ENTERED BY K. BELL									
CHECKED BY T. NEIER									
PROJ. ENGR. H. LONGFELLOW									
REGIONAL ADM.	REVISION	DATE	BY						

SECTION 20 & 21, T. 30N. R. 5E. W.M.

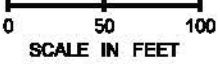


- GENERAL NOTES:**
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 - 2. ALL BMPs SHALL BE REMOVED WHEN PROJECT IS COMPLETED AND SITE IS STABILIZED.
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 - 4. NO CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE DRIP LINES OF EXISTING TREES THAT ARE OUTSIDE OF CUT AND FILL LIMITS. INSTALL AND MAINTAIN HVF AT THE DRIPLINE (10' MINIMUM FROM TRUNK) FOR ALL TREES DESIGNATED TO BE PROTECTED.
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 - 5 PROTECT TREES.

LEGEND

- HVF - HVF - HIGH VISIBILITY FENCE	[Hatched Box] BUILT AREA
- HVS - HVS - HIGH VISIBILITY SILT FENCE	[Cross-hatched Box] WORK AREA
- SF - SF - SILT FENCE	[Dashed Box] PEDESTRIAN ROUTE
[Circle with dot] INLET PROTECTION	1 QUANTITY TABULATION NOTE
[Line with triangle] EXISTING DITCH	2 QUANTITY TABULATION NOTE
[Line with triangle] CHECK DAM	ECTA-1 CONTINUED
[Line with circle] WATTLE	[Hatched Box] STABILIZED CONSTRUCTION ENTRANCE
[Line with circle] PIPE REMOVAL	
- D - D - TEMPORARY DRAIN PIPE	
[Dashed Line] BUFFER	
[Diamond with A] SILT FENCE ANGLE POINT	

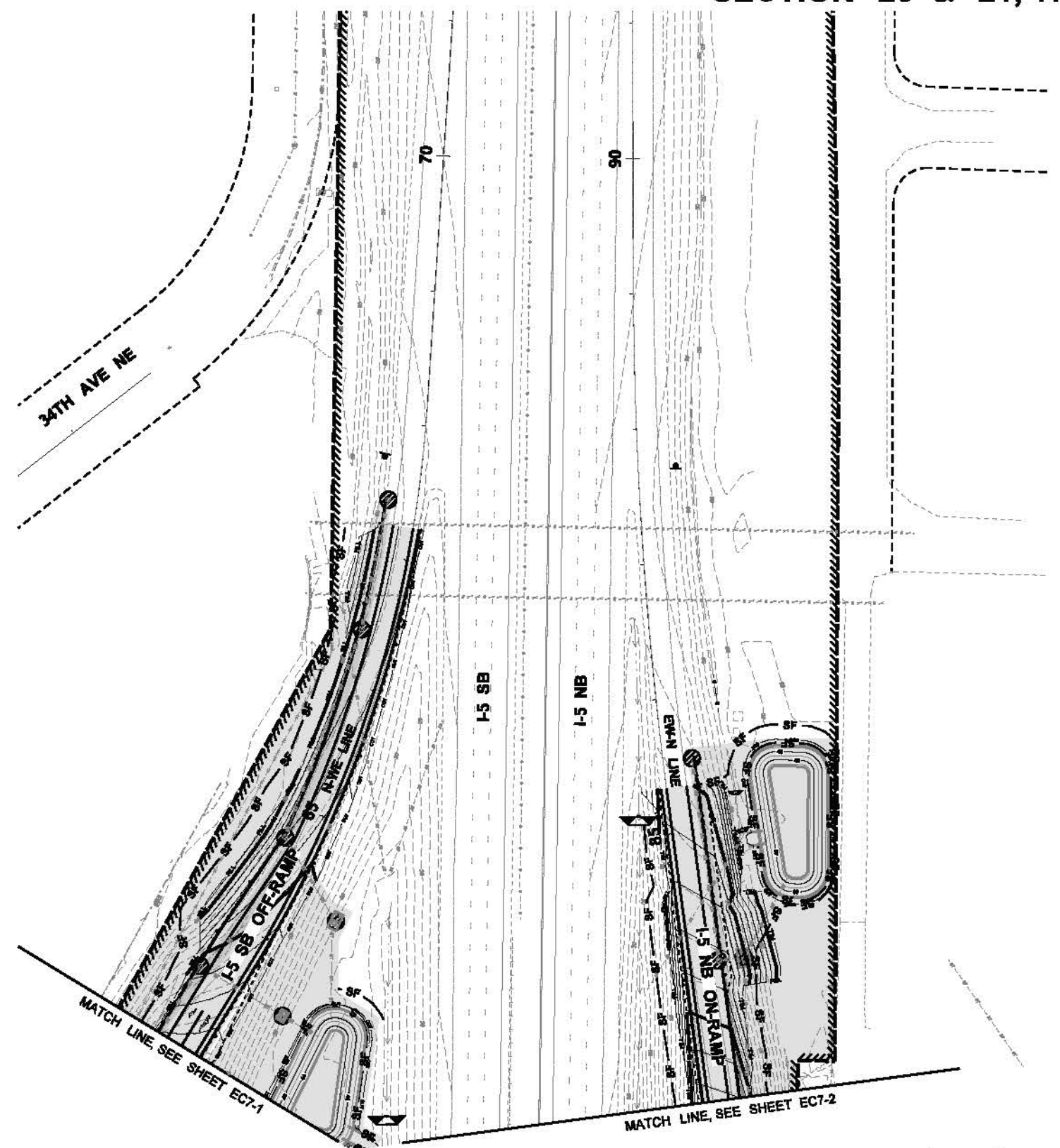


100% SUBMITTAL

STAGE 8

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99\svca\CADD\IGNPS&ESheets\88th Design Plans\PS1598131 88TH PS_EC8-2.dgn				FED AID PROJ. NO.			I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO. EC8-2
TIME 10:22:10 AM				REGION NO. 10	STATE WASH		TESC PLAN		SHEET 145 OF 145
DATE 10/3/2025				JOB NUMBER					
PLOTTED BY purgabut				CONTRACT NO.					
DESIGNED BY K. BELL				LOCATION NO.					
ENTERED BY K. BELL									
CHECKED BY T. NEIER									
PROJ. ENGR. H. LONGFELLOW									
REGIONAL ADM.	REVISION	DATE	BY						

SECTION 20 & 21, T. 30N. R. 5E. W.M.



LEGEND

HVF

HVF

HVS

HVS

SF

SF

INLET PROTECTION

EXISTING DITCH

CHECK DAM

WATTLE

PIPE REMOVAL

TEMPORARY DRAIN PIPE

BUFFER

SILT FENCE ANGLE POINT

BUILT AREA

WORK AREA

PEDESTRIAN ROUTE

1

QUANTITY TABULATION NOTE

2

QUANTITY TABULATION NOTE CONTINUED

STABILIZED CONSTRUCTION ENTRANCE

NO WORK ON THIS SHEET FOR STAGE 7

GENERAL NOTES:

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3. PROTECT TREES.

100% SUBMITTAL

STAGE 8

FILE NAME U:\PSO\Projects\Clients\1598-Tulalip Tribes\1554-1598-131 4th St 88th St Corridor\99S\cadd\IGNPS&ES\sheet\88th Design Plan\PS1598131 88TH PS_EC8-4.dgn				FED AID PROJ. NO.			I-5 / 4TH ST AND 88TH ST NE CORRIDOR IMPROVEMENTS VOLUME 2 OF 2		PLAN REF. NO. EC8-4
TIME 10:22:13 AM				REGION NO. 10	STATE WASH		TESC PLAN		SHEET 147 OF 147
DATE 10/3/2025				JOB NUMBER					
PLOTTED BY purgabut				CONTRACT NO.	LOCATION NO.				
DESIGNED BY K. BELL									
ENTERED BY K. BELL									
CHECKED BY T. NEIER									
PROJ. ENGR. H. LONGFELLOW									
REGIONAL ADM.	REVISION	DATE	BY						

Appendix D

Dewatering Plan
(Provided by Contractor)

Place holder for dewatering plan, to be prepared by contractor.

Appendix E

Inspection and Monitoring Form

Construction Stormwater SITE INSPECTION CHECKLIST

Project_____ Permit No._____ Inspector_____ Date_____ Time_____

Site BMPs	Overall Condition			Need Repair?		Comments/Observations
Clearing Limits						
•Buffer Zones around sensitive areas	G	F	P	Y	N	
•	G	F	P	Y	N	
•	G	F	P	Y	N	
Construction Access/Roads						
•Stabilized site entrance	G	F	P	Y	N	
•Stabilized roads/parking area	G	F	P	Y	N	
•	G	F	P	Y	N	
Control Flow Rates						
•Swale	G	F	P	Y	N	
•Dike	G	F	P	Y	N	
•Sediment pond	G	F	P	Y	N	
•Sediment trap	G	F	P	Y	N	
•	G	F	P	Y	N	
•	G	F	P	Y	N	
Install Sediment Controls						
•Sediment pond/trap	G	F	P	Y	N	
•Silt fence	G	F	P	Y	N	
•Straw bale barriers	G	F	P	Y	N	
•	G	F	P	Y	N	
•	G	F	P	Y	N	
•	G	F	P	Y	N	
Preserve Vegetation/Stabilize Soils						
•Nets and blankets	G	F	P	Y	N	
•Mulch	G	F	P	Y	N	
•Seeding	G	F	P	Y	N	
•	G	F	P	Y	N	
•	G	F	P	Y	N	
Protect Slopes						
•Terrace	G	F	P	Y	N	
•Pipe slope drains	G	F	P	Y	N	
•	G	F	P	Y	N	
•	G	F	P	Y	N	
Protect Drain Inlets						
•Inserts	G	F	P	Y	N	
•	G	F	P	Y	N	
•	G	F	P	Y	N	
Stabilize Channels and Outlets						
•Conveyance channels	G	F	P	Y	N	
•Energy dissipators	G	F	P	Y	N	
•	G	F	P	Y	N	
Control Pollutants						
•Chemical Storage Area covered	G	F	P	Y	N	
•Concrete handling	G	F	P	Y	N	
•	G	F	P	Y	N	
Control De-watering						
•	G	F	P	Y	N	

G=Good F=Fair P=Poor Y=Yes N=No

**Construction Stormwater
SITE INSPECTION CHECKLIST**

Project _____ Permit No. _____ Inspector _____ Date _____ Time _____

Will existing BMPs need to be modified or removed, or other BMPs installed? YES NO
IF YES, list the action items to be completed on the following table:

Actions to be Completed	Date Completed/ Initials
1.	
2.	
3.	
4.	
5.	
6.	

Describe current weather conditions.

Approximate amount of precipitation since last inspection: _____ inches
and precipitation in the past 24 hours*: _____ inches

**based on an on-site rain gauge or local weather data.*

Describe discharging stormwater, if present. Note the presence of suspended sediment, "cloudiness", discoloration, or oil sheen.

Was water quality sampling part of this inspection? YES NO

If yes, record results below (attach separate sheet, if necessary):

Parameter:	Method (circle one)	Result	Units
Turbidity	tube, meter, laboratory		NTU (cm, if tube used)
pH	paper, kit, meter		pH standard units

Is the site in compliance with the SWPPP and the permit requirements? YES NO

If no, indicate tasks necessary to bring site into compliance on the "Actions to be Completed" table above, and include dates each job WILL BE COMPLETED.

If no, has the non-compliance been reported to Dept. of Ecology? YES NO

If no, should the SWPPP be modified: YES NO

Sign the following certification:

"I certify that this report is true, accurate, and complete, to the best of my knowledge and belief."

Inspection completed on: _____ by: (print+signature) _____

Title/Qualification of

Inspector: _____

Construction Stormwater Site Inspection Form

Project Name _____ Permit # _____ Inspection Date _____ Time _____

Name of Certified Erosion Sediment Control Lead (CESCL) or qualified inspector if *less than one acre*

Print Name: _____

Approximate rainfall amount since the last inspection (in inches): _____

Approximate rainfall amount in the last 24 hours (in inches): _____

Current Weather Clear ☐ Cloudy ☐ Mist ☐ Rain ☐ Wind ☐ Fog ☐

A. Type of inspection: Weekly ☐ Post Storm Event ☐ Other ☐

B. Phase of Active Construction (check all that apply):

Pre Construction/installation of erosion/sediment controls	☐	Clearing/Demo/Grading	☐	Infrastructure/storm/roads	☐
Concrete pours	☐	Vertical Construction/buildings	☐	Utilities	☐
Offsite improvements	☐	Site temporary stabilized	☐	Final stabilization	☐

C. Questions:

- | | | | | |
|--|-----|-------|----|-------|
| 1. Were all areas of construction and discharge points inspected? | Yes | _____ | No | _____ |
| 2. Did you observe the presence of suspended sediment, turbidity, discoloration, or oil sheen | Yes | _____ | No | _____ |
| 3. Was a water quality sample taken during inspection? (<i>refer to permit conditions S4 & S5</i>) | Yes | _____ | No | _____ |
| 4. Was there a turbid discharge 250 NTU or greater, or Transparency 6 cm or less?* | Yes | _____ | No | _____ |
| 5. If yes to #4 was it reported to Ecology? | Yes | _____ | No | _____ |
| 6. Is pH sampling required? pH range required is 6.5 to 8.5. | Yes | _____ | No | _____ |

If answering yes to a discharge, describe the event. Include when, where, and why it happened; what action was taken, and when.

*If answering yes to # 4 record NTU/Transparency with continual sampling daily until turbidity is 25 NTU or less/ transparency is 33 cm or greater.

Sampling Results: _____ Date: _____

Parameter	Method (circle one)	Result			Other/Note
		NTU	cm	pH	
Turbidity	tube, meter, laboratory				
pH	Paper, kit, meter				

Construction Stormwater Site Inspection Form

D. Check the observed status of all items. Provide "Action Required" details and dates.

Element #	Inspection	BMPs Inspected			BMP needs maintenance	BMP failed	Action required (describe in section F)
		yes	no	n/a			
1 Clearing Limits	Before beginning land disturbing activities are all clearing limits, natural resource areas (streams, wetlands, buffers, trees) protected with barriers or similar BMPs? (high visibility recommended)						
2 Construction Access	Construction access is stabilized with quarry spalls or equivalent BMP to prevent sediment from being tracked onto roads?						
	Sediment tracked onto the road way was cleaned thoroughly at the end of the day or more frequent as necessary.						
3 Control Flow Rates	Are flow control measures installed to control stormwater volumes and velocity during construction and do they protect downstream properties and waterways from erosion?						
	If permanent infiltration ponds are used for flow control during construction, are they protected from siltation?						
4 Sediment Controls	All perimeter sediment controls (e.g. silt fence, wattles, compost socks, berms, etc.) installed, and maintained in accordance with the Stormwater Pollution Prevention Plan (SWPPP).						
	Sediment control BMPs (sediment ponds, traps, filters etc.) have been constructed and functional as the first step of grading.						
	Stormwater runoff from disturbed areas is directed to sediment removal BMP.						
5 Stabilize Soils	Have exposed un-worked soils been stabilized with effective BMP to prevent erosion and sediment deposition?						

Construction Stormwater Site Inspection Form

Element #	Inspection	BMPs Inspected			BMP needs maintenance	BMP failed	Action required (describe in section F)
		yes	no	n/a			
5 Stabilize Soils Cont.	Are stockpiles stabilized from erosion, protected with sediment trapping measures and located away from drain inlet, waterways, and drainage channels?						
	Have soils been stabilized at the end of the shift, before a holiday or weekend if needed based on the weather forecast?						
6 Protect Slopes	Has stormwater and ground water been diverted away from slopes and disturbed areas with interceptor dikes, pipes and or swales?						
	Is off-site storm water managed separately from stormwater generated on the site?						
	Is excavated material placed on uphill side of trenches consistent with safety and space considerations?						
	Have check dams been placed at regular intervals within constructed channels that are cut down a slope?						
7 Drain Inlets	Storm drain inlets made operable during construction are protected.						
	Are existing storm drains within the influence of the project protected?						
8 Stabilize Channel and Outlets	Have all on-site conveyance channels been designed, constructed and stabilized to prevent erosion from expected peak flows?						
	Is stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes and downstream conveyance systems?						
9 Control Pollutants	Are waste materials and demolition debris handled and disposed of to prevent contamination of stormwater?						
	Has cover been provided for all chemicals, liquid products, petroleum products, and other material?						
	Has secondary containment been provided capable of containing 110% of the volume?						
	Were contaminated surfaces cleaned immediately after a spill incident?						
	Were BMPs used to prevent contamination of stormwater by a pH modifying sources?						

Construction Stormwater Site Inspection Form

Element #	Inspection	BMPs Inspected			BMP needs maintenance	BMP failed	Action required (describe in section F)
		yes	no	n/a			
9 Cont.	Wheel wash wastewater is handled and disposed of properly.						
10 Control Dewatering	Concrete washout in designated areas. No washout or excess concrete on the ground.						
	Dewatering has been done to an approved source and in compliance with the SWPPP.						
	Were there any clean non turbid dewatering discharges?						
11 Maintain BMP	Are all temporary and permanent erosion and sediment control BMPs maintained to perform as intended?						
12 Manage the Project	Has the project been phased to the maximum degree practicable?						
	Has regular inspection, monitoring and maintenance been performed as required by the permit?						
	Has the SWPPP been updated, implemented and records maintained?						
13 Protect LID	Is all Bioretention and Rain Garden Facilities protected from sedimentation with appropriate BMPs?						
	Is the Bioretention and Rain Garden protected against over compaction of construction equipment and foot traffic to retain its infiltration capabilities?						
	Permeable pavements are clean and free of sediment and sediment laden-water runoff. Muddy construction equipment has not been on the base material or pavement.						
	Have soiled permeable pavements been cleaned of sediments and pass infiltration test as required by stormwater manual methodology?						
	Heavy equipment has been kept off existing soils under LID facilities to retain infiltration rate.						

E. Check all areas that have been inspected. ✓

All in place BMPs ☐ All disturbed soils ☐ All concrete wash out area ☐ All material storage areas ☐
 All discharge locations ☐ All equipment storage areas ☐ All construction entrances/exits ☐

Construction Stormwater Site Inspection Form

F. Elements checked "Action Required" (section D) describe corrective action to be taken. List the element number; be specific on location and work needed. Document, initial, and date when the corrective action has been completed and inspected.

Element #	Description and Location	Action Required	Completion Date	Initials

Attach additional page if needed

Sign the following certification:

"I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"

Inspected by: (print) _____ (Signature) _____ Date: _____

Title/Qualification of Inspector: _____

Tulalip I-5/4th ST and 88th ST NE Corridor Improvements
Contractor Clarification Q&A
Tulalip Tribes Project No. 2026-014

Item No.	Date of Question:	Submitted By:	Question Asked:	Response:	Date of Response:
1	6/30/2026	Josh Schoneman - Reece Construction	We have two requests that would help us and other contractors prepare a bid on this project. •Provide a link to the plans/specs that are in the original vector PDF format...the BXWA severely degrades the quality of the documents when they post them. •Provide the AutoCAD files for the project. Having these two things will greatly assist contractors in being able to better analyze the documents and provide a more comprehensive bid. We are more than happy to sign any releases that the engineers may have to release these documents and files. We also understand that the only official place to view the documents is the BXWA.	The pdf document are uploaded to the Tribes site as indicated in the Notice to Bidders. The design was done in Microstation, No AutoCAD files are available at this time.	6/30/2026
2	7/1/2026	Chris - RW Scott Construction	Is there an engineer's estimate for the project?	Yes, the Engineer's Estimate range is being published by addendum	7/14/2026
3	7/8/2026	Asked during Prebid Meeting	Can the bid date be moved from 8/10/26, a Monday, to 8/11/26, a Tuesday?	Bid date has been changed to 8/11/26. See Addendum No. 1	7/14/2026
4	7/8/2026	Asked during Prebid Meeting	Is WSDOT providing inspections and materials testing?	Yes, WSDOT will be providing inspections and material testing for the freeways and ramps portion of the project. Inspections and material testing for sewer and water utility work will be inspected by the Tribes.	7/14/2026
5	7/8/2026	Asked during Prebid Meeting	Is there an As-Built requirement? Tulalip Tribes GIS Department would like digital files.	Yes. See Section Twenty-Two of the Construction Contract and Section 1-05.18 - Record Drawings in the Special Provisions. Digital files will be provided to Tulalip's GIS Department by Parametrix when the final Record Drawings are prepared.	7/14/2026
6	7/8/2026	Asked during Prebid Meeting	Is the project awarded by the lowest responsive bidder?	Please refer to Article 7 - Contract Award and Execution of the Instructions to Bidders for the awarded criteria.	7/14/2026
7	7/8/2026	Asked during Prebid Meeting	Are there fiber vaults in the North and South 88th sidewalks that are being moved?	Please refer to the Contract Plans for details.	7/14/2026
8	7/8/2026	Asked during Prebid Meeting	If the engineer's estimate is not released how will contractor's know what dollar limit the project is for the prequalification process with WSDOT?	The Engineer's Estimate Range is published in Addendum 1	7/14/2026
9	7/15/2026	Steve Schlimmer - Granite Construction	Addendum 1's Contractor Clarifications #6 states that the award of the contract is per Article 7 of the Instructions to Bidders. Article 7 indicates the contract shall be awarded "based upon the expectation that the lowest or most responsive and responsible Bidder". Article 3.5.1 of the Instructions to Bidders indicates the contract shall be awarded to the "lowest responsive and responsible Bidder". Please clarify.	Article 7 will be revised to match article 3.5.1	7/22/2026
10	7/15/2026	Steve Schlimmer - Granite Construction	Plan sheet WD7 of Volume 4, indicates the LDCC thickness for Walls W12A and W13. The tables show the minimum thickness will have the LDCC substantially below the bottom of the fascia in many cases. Is this intended? Please clarify.	Yes, the intent is for LDCC to extend below fascia as recommended by the geotechnical report.	7/22/2026
11	7/15/2026	Steve Schlimmer - Granite Construction	Will the contractor be charged any connection fees for the landscape and sanitary sewer pump station water services?	The contractor will not be responsible for the cost of connections to water or sewer	7/22/2026
12	7/15/2026	Steve Schlimmer - Granite Construction	Will the owner change to following bid items to force account per WSDOT standard payment? B33, G52, H33, & J30.	Yes, these will be changed to FA	7/22/2026

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13	7/15/2026	Steve Schlimmer - Granite Construction	Does the owner intend to create a LS traffic control item for every schedule? If not, where do we include any traffic control costs for the schedules that are missing the item?	The Traffic control plans are intended to cover the main schedules (A-D and G-J). The minor schedules (E, F, K and L) work can be covered under the main work Traffic control.	7/22/2026
14	7/15/2026	Steve Schlimmer - Granite Construction	Will the owner provide cross-sections for the project?	Yes, to the selected contractor	7/22/2026
15	7/22/2026	Steve Schlimmer - Granite Construction	Quantity Tab Note 3 on plan sheet SP5 in Volume 4 calls for the removal of an existing retaining wall. To accurately evaluate and provide pricing for both the demolition of this wall and the construction of Wall W18—including considerations for temporary shoring and site access—more information is required. Will you provide as-builts for the existing walls to be removed on the project?	No reliable as-builts are available, please bid on the quantity shown	7/22/2026
16	7/22/2026	Steve Schlimmer - Granite Construction	Will the owner provide as-builts for bridges 5/561E and 5/561W?	No reliable as-builts are available	7/22/2026
17	7/22/2026	Steve Schlimmer - Granite Construction	Will the owner or WSDOT be correcting the current erosion issues at bridges 5/561E and 5/561W prior to the project start?	Not before the project is awarded	7/22/2026
18	7/22/2026	Steve Schlimmer - Granite Construction	Will you provide grading sections for the HMA driveways?	None will be provided, will build back what is currently there. Will determine this during construction	7/22/2026
19	7/22/2026	Steve Schlimmer - Granite Construction	Does the owner need to create a bid item for 30" shafts in schedule G?	Correct, bid item added to Schedule G	7/22/2026
20	7/22/2026	Ben Forsman - HD Fowler Company	High-Density Polyethylene Pipe SDR specification.	No special provision needed, this is a standard APWA/WSDOT item, see the 2025 WSDOT/APWA standard specifications	7/22/2026
21	7/22/2026	Ben Forsman - HD Fowler Company	No specific standard dimension ratio (SDR) is noted for HDPE pipe bid items.	See section 9-05.23 of the 2025 WSDOT/APWA Standard specifications.	7/22/2026
22	7/22/2026	Ben Forsman - HD Fowler Company	At your earliest opportunity, please clarify what specific SDR is required for HDPE pipe bid items or confirm that the proposed HDPE pipe SDR is to be per WSDOT STD SPEC 9-05.23 which allows a minimum SDR of 32.5.	No specific SDR is required. Use the standard specifications.	7/22/2026
23	7/22/2026	Austin Brenner - Faber Construction	Will bidder qualification be based on the contractor's maximum bidding capacity as established by WSDOT?	The Tulalip Tribes will evaluate all bids in accordance with the Instructions to Bidders (ITB). This includes but is not limited to checking each bidders status on the WSDOT list and spreadsheet of prequalified contractors. https://wsdot.wa.gov/business-wsdot/contracts/about-public-works-contracts/how-bid-contract/step-1-prequalify . Maximum bidding capacity, specific work classes, or other prequalification requirements normal to obtaining WSDOT prequalification on a WSDOT contracting agency project are not required as part of submitting a bid or specifically required for evaluation. However, in accordance with the ITB, additional information may be requested by the Tulalip Tribes to confirm the bidders are responsible and responsive. See ITB 3.5.	7/30/2026
24	7/22/2026	Austin Brenner - Faber Construction	Will bidder qualification be based on one or more WSDOT classes of work, such as Class 6 – Bridges and Structures?	See response to Question 23.	7/30/2026
25	7/22/2026	Austin Brenner - Faber Construction	If classes of work will be used, please identify: o The required class or classes; o The minimum dollar rating required for each class.	See response to Question 23.	7/30/2026

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26	7/22/2026	Austin Brenner - Faber Construction	Will the Tulalip Tribes or Parametrix independently verify each bidder's WSDOT prequalification status, or must bidders submit separate documentation or a request for authorization to bid?	See response to Question 23.	7/30/2026
27	7/22/2026	Austin Brenner - Faber Construction	If neither WSDOT bidding capacity nor WSDOT work-class ratings will control, please provide the qualification matrix or other criteria that will be used to determine whether a prime bidder is qualified and responsible.	See response to Question 23.	7/30/2026
28	7/22/2026	Steve Schlimmer - Granite Construction	With a ESAL requirement of 45.6 million, in spec section 5, does the owner want to be using a 58H-22 binder?	Section 5-04.2(2) 45.6 Million ESAL is incorrect. That is the design version for only one location. The correct number should have been the calculated design ESAL, which is 5.3 million.	7/30/2026
29	7/23/2026	Steve Schlimmer - Granite Construction	What is the peak flow rate of the existing gravity sanitary sewer 18" pipe? See plan sheet UW6/199. This information will be needed for sizing and pricing bypass pumping.	Will clarify with added special provision.	7/30/2026
30	7/23/2026	Steve Schlimmer - Granite Construction	Will current water service remain active if the contractor cuts and caps the existing watermain on east and west sides of the bridge a Coho Cr. or, is a temporary waterline needed to be installed prior to removing the existing? See plan sheet UW2/195	Will clarify with added special provision.	7/30/2026
31	7/23/2026	Steve Schlimmer - Granite Construction	What type and thickness of pipe is required for the 10" gas sleeve @ the Coho Cr. bridge?	The casing for the 10" gas sleeve shall be black steel pipe conforming to ASTM A53 and have a minimum wall thickness of 0.250 inches.	7/30/2026
32	7/23/2026	Steve Schlimmer - Granite Construction	Does the owner want the contractor to include the price for the sanitary and watermain utility hangers in the pipe items or the LS bridge structure?	Utility hangers (braces) are part of the LS contract price for Coho Creek Bridge, see Special Provision 6.02.4.	7/30/2026
33	7/27/2026	Steve Schlimmer - Granite Construction	Has the owner made any arrangements for power shutdowns to install infiltration vaults A & B? Refer to plan sheet DR 2 & DR 6 volume 4.	No, but SnoPUD is aware of the work in this area and throughout the project. The Contractor should communicate with them prior to construction of the vaults. It may be determined, since there is sufficient separation with the power, that it may not need to be positively located and/or deenergized. Contact information is in special provision 1-07.17. The contract has pay items for utility potholing as well as utility conflict resolution and this is one area that these may be needed. However, the stormwater facilities are not in direct conflict of the power lines based on previous potholing and information from SnoPUD.	7/30/2026
34	7/27/2026	Ben Forsman - HD Fowler Company	Lack of clarity correlating bid schedule quantities vs Structure Notes, drawings, and profiles for storm, sewer, and water lines.	Not enough information.	7/30/2026
35	7/27/2026	Ben Forsman - HD Fowler Company	Bid date extension request.	No there will not be an extension.	7/30/2026
36	7/27/2026	Ben Forsman - HD Fowler Company	Vicinity map drawings VM1 and VM2 do not help provide sufficient information to be able to accurately takeoff pipe materials per the bid schedules. Without a specific column noted on Structure Notes plan sheets that shows the bid schedule letter delineation of each line-item and the inclusion of bid schedule delineation lines being clearly marked on profile plan sheets, the ability to accurately allocate all pipe materials to their correct bid schedule items in a timely fashion is incredibly unlikely.	The vicinity map and schedule designations are meant as a guide for accounting and funding purposes. Quantities for each schedule are shown in the bid schedules. Provide bids as shown in the schedules.	7/30/2026

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37	7/27/2026	Ben Forsman - HD Fowler Company	Please provide revised Profile drawings and Structure Notes that clearly show the bid schedule letter allocation of all water, sewer, and storm materials noted on Structure Notes plan sheets so that the Structure Notes do not show single line-item quantities that are split between multiple bid schedules. Structure Notes plan sheets could be used much more effectively if each Structure Note sheet was specific to one bid schedule each.	See response to question 36. Revised drainage profiles and structure notes will not be provided.	7/30/2026
38	7/27/2026	Ben Forsman - HD Fowler Company	Please confirm the approval of a minimum 1-week bid extension.	No there will not be an extension.	7/30/2026
39	7/28/2026	Steve Schlimmer - Granite Construction	In the Instructions to Bidders on page IB-1 Section 1.1.2 and 1.1.3 details that the Contractor will pay a onetime Fee of 1.75% and that it is all due in full prior to commencement of work. There are line items for the 1.75% TERO fee in each of the Bid Proposal Schedules. Is the 1.75% TERO fee simply a pass-through payment to the Contractor of the 1.75% fee for the entire project that immediately goes to the Tulalip Tribe?	The TERO fee is added to each bid schedule for each payment to the Contractor. See the TERO Code included in the contract documents. The TERO Office can be contacted directly at terocompliance@tulaliptribes-nsn.gov for additional information.	7/30/2026
40	7/28/2026	Steve Schlimmer - Granite Construction	Special Provision 1-07.2 details how Sales Tax is to be applied on the project. For the Bid Proposal Schedules outside Tribal Reservation Boundary (Bid Proposal Schedules C, D, F, I, J, and L) will the Tribe add a line item for Retail Sales Tax for the total of each Bid Proposal Schedule outside Tribal property for the Contractor to collect and then pay to the State of Washington?	No. Please refer to Specification Section1-07.2(2), Lines 3-20.	7/30/2026
41	7/28/2026	Steve Schlimmer - Granite Construction	The remarks in Table 1 on plan sheet WD7 of Volume 4, state that the contractor may excavate with vertical cut supported by shoring, or with sloped sides in accordance with the geotechnical report. If shoring or extra excavation is used to support the excavation for LDCC backfill, under what bid item is it paid for?	Special provision 2-20.5 is be modified to include all extra excavation or any work with LDCC be part of that pay item	7/30/2026
42	7/28/2026	Steve Schlimmer - Granite Construction	Per the response to Question 10 in Addendum 2, the table on plan sheet WD7 of Volume 4 is correct, and the LDCC backfill for walls W12A and W13 is to extend below the fascia. WSDOT Standard Specification Section 6-16.5 states that "all costs in connection with non-shaft excavation, including all excavation required for placement of timber lagging, shall be included in the unit Contract price per cubic yard for "Roadway Excavation". Will the excavation required for placement of the LDCC backfill be paid under the bid item for Roadway Excavation? If not, under which bid item will this work be paid?	See response to number 41.	7/30/2026
43	7/28/2026	Steve Schlimmer - Granite Construction	Special Provision 1-09.7 Mobilization modified the mobilization payment specification to two-thirds for mobilization and one-third for demobilization. Additionally, there is 5% retainage per Special Provision 1-09.9(1) to protect the Owner. Please consider changing the Special Provision 1-09.7 Mobilization specification back to the Standard Specification 1-09.7 that does not wait to pay for part of the mobilization bid item for demobilization to help aid in the large upfront costs for mobilization on the project.	Section 1-09.7 will be removed in its entirety. The Standard specifications will be utilized.	7/30/2026

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44	7/28/2026	Steve Schlimmer - Granite Construction	Addendum 2 provided the Tulalip Tribes Building, Grading and Demolition Permits. They state that all construction activity shall occur between the hours of 7:00 am and 7:00 pm, except Sundays and holidays. Will night work be allowed?	The permits will defer to what's needed for the project to move forward regarding night work. Updated permits provided	8/3/2026
45	7/28/2026	Steve Schlimmer - Granite Construction	Addendum 2 provided the Tulalip Tribes Building, Grading and Demolition Permits. They state the average sound shall not be greater than 75 dB during a 1-hour period of work. Will noise exemptions be granted for activities such as concrete demolition or pile driving?	The permits will defer to what's needed for the project to move forward regarding sound level. Updated permits provided	8/3/2026
46	7/29/2026	Patrick Miller - Cimco-GC Systems	Do you have written specs that include the complete model number and optimal features for the 12" 631-08 valve?	The flow valve indicated is in the City of Marysville system and is part of the existing metering system that we are replacing in kind for the project due to impacts. There is no current available information on the existing system.	7/30/2026
47	7/31/2026	T. Ross Good - Liberty Electric	... please confirm that all costs associated with utility primary service design, utility extensions, and related utility service fees are to be excluded from the bidding package.	Confirmed, all costs for utility service design and coordination are excluded from the bidding package. The Tribes are coordinating this with SnoPUD	8/3/2026
48	8/3/2026	Tammy Berg - Western Systems	RRFB construction notes & details do not match sign schedule. Please advise if we are to follow RRFB details for Tulalip, WSDOT, & Marysville regarding sign size, or follow sign schedule. See below for discrepancies found. •Tulalip RRFB details call for 15" X 21" W16-7P signs. Sign schedule calls for W16-7P signs to be 12"X 24" •WSDOT RRFB detail call for 30" x 18" W16-7P signs. Sign schedule calls for W16-7P signs to be 12" X 24". Sign schedule also does not account for signs on RRFB #D2 on plan sheet ILW1(274) or RRFB #H1 on plan sheet ILW2 (275). Should the arrows signs for RRFB C2 & D2 on ILW1 (274) & ILW2 (408) be Dual Right / Left Arrows? •Marysville RRFB details call for 15" X 21" W16-7P signs. Sign schedule calls for 12" X 24" Should sign #s 158-161 on SN6 (456) be right arrows instead of left listed on sign schedule?	Revised plan sheets are included in the addendum that address these questions	8/3/2026
49	8/3/2026	Tammy Berg - Western Systems	RRFB Construction Notes & details call for 4" RRFB poles at Marine Drive & 3rd, Marine Drive & I-5 SB On & Off-Ramps, & Marine Drive & I-5 NB On & Off-Ramps. Sign Schedule calls for square 2.5 X 2.5" poles. Please advise if we are to following RRFB details or sign schedule for RRFB poles.	Post size for WSDOT jurisdiction to remain as Type FB and updated in Sign schedule. ILW sheets construction notes updated to be "Type FB poles" Follow RRFB Details. Appropriate revised plan sheets are included in the addendum that addresses these questions	8/3/2026
50	8/3/2026	Robert Kvinsland - Donald B Murphy Contractors	Please clarify if all piles will be CDF/Lean Mix full depth or if some piles receive 4000 PSI structural concrete in embed portion of pile? Notes/details seem to conflict.	The plans have the correct callouts. Piles are called out as CDF/Lean Mix on the plans, except portion of pile 14 with permanent casing which should be 4000 psi	8/4/2026
51	8/3/2026	Robert Kvinsland - Donald B Murphy Contractors	Please define coating length of soldier piles. Will the piles need to be coated full depth or will 2' below bottom of excavation be acceptable?	2' below bottom of excavation is acceptable	8/4/2026

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52	8/3/2026	Robert Kvinsland - Donald B Murphy Contractors	Bid Schedule J29 calls out 55 Lf of W24x335 but I don't see that beam size within the soldier pile schedules on sheet WD4 or WD10. Please include the plan sheet those soldier piles are on in a Q&A response.	Revised quantities are included. No plan sheet for W24x335 as that one is not used and quantity reduced to zero	8/4/2026
53	8/3/2026	Robert Kvinsland - Donald B Murphy Contractors	Coming up short on quantities comparing soldier pile schedule quantities from WD4 and WD10 to the steel procurement quantities in bid schedules. Approximately 50 LF short on total quantity of HP14x117, 103' short on total quantity of W18x211, and 127' short on total quantity of W24x192. Was there a rounding method used when populating your bid schedules?	Revised quantities are included	8/4/2026
54	8/3/2026	Shane Boekenooogen - Service Electric	Will there need to be a design associated with the Temp signals at 4th and 88th or has WSDOT approved the temp signal design on the plans?	Temporary signal design is included in the plans and approved by WSDOT. The contractor can always propose changes to it	8/3/2026
55	8/4/2026	T. Ross Good - Liberty Electric	Per plan ILT4, new poles T.A7 and T.D6 are shown on the plans. However, east of these foundations, the plan also identifies two wire notes labeled "OB," which we believe are shown in error. Per plan ILT7, there are no circuits east of these new poles. Please confirm these paired wire notes are incorrect and may be disregarded.	Wire Notes "OB" in this instance are correct. Per the Wire Schedule on ILT5 they are correctly calling out a 2" spare, with footnote that they are in the retaining wall barrier. No wires are indicated in Schedule for Wire Note OB.	8/4/2026
56	8/4/2026	T. Ross Good - Liberty Electric	Schedule B includes all work between Stations MF 106+40 and 113+60. Schedule C appears to include all work east of Station 113+60 through Station 116+70. However, upon reviewing plans ILT3, ILM1, ILW2, ILW4, ILW6, TS1.2, TS2.2, TS3.2, TS4.2, and IT2, the ITS, Traffic Signal, and Illumination systems extend across these schedule limits. At present, Schedule C contains no bid item that clearly captures this electrical work. Please advise how these systems are to be divided between Schedules B and C. In your response, please consider where the ownership boundaries should occur and avoid dividing systems in the middle of conduit runs or other continuous infrastructure. This information is critical well in advance of bid because our vendors must coordinate with the lighting representatives to properly assign poles, equipment, and material to the appropriate bid schedule so that their quotations accurately reflect the Owner's design intent.	See response to question number 36	8/4/2026

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57	8/4/2026	Ben Forsman - HD Fowler Company	RFI-3 Regarding: • Bid Item K29: FJ DB RESTRAINT FLEXIBLE EXPANSION JOINTS-18 IN. • VOL.4 Plan Sheets: UW2, BR42, BR43, RFI-3 Issues: • Plan Sheet UW2 calls out the flexible expansion joints to have MJ X MJ connections, though sheets BR42 and BR43 callout for an RFCA connection which would only work if the expansion joint has flanged ends. Sheets BR42 and BR43 have so many mistakes on them it's unclear what are design mistakes and what are simply overlooked typo's (e.g., 18" pipe also called out as 13" pipe, 30" casing also called out as 50" casing, sewer pipe also called out as water pipe, etc....) RFI-3 Clarification Requested: • Please confirm that the callout for the flexible expansion joints to be MJ X MJ is a mistake and that they should be called out as FL X FL, or else please confirm that the RFCA's called out at the end of the expansion joints are not needed and that the MJ X MJ expansion joints are to be connected directly to the plain end of the 18" pipe.	The callouts on sheet UW2 are correct and the ones on the bridge plans should state "Romic Restraint System (per project specifications)". The project specifications are clear. Errors noted for sheets BR42 and BR43 were not found, (specifically, the example provided)	8/4/2026
58	8/4/2026	Ryan Guthmiller - Valley Electric	Would it be possible to get a week extension on this bid?	See response to question number 38	8/4/2026
59	8/3/2026	Sarah Freeland - Interwest Construction	To furnish the most complete and competitive bid possible, we request the bid date to please be extended by one week.	See response to question number 38	8/4/2026
60	7/31/2026	Sarah Freeland - Interwest Construction	Please verify the bid item quantities for Structural Earth Walls. Our initial takeoffs are generating total SF quantities nearly double of those supplied. Wall 18 alone exceeds the total combined quantities provided in the bid schedules.	All S.F. quantities for the structural earth walls in Volume 4 (88th Street NE) have been checked and updated in the revised bid schedules. The S.F. quantities on the plans for these walls are incorrect.	8/4/2026
61	8/4/2026	Robert Kvinsland - Donald B Murphy Contractors	Will overhead power lines near drilling locations be relocated to avoid safety conflicts?	No, the contractor will need to coordinate with SnoPUD as indicated in the contract specifications. Depending on the proximity of the desired equipment, de-energization may be needed, but not expected.	8/4/2026
62	8/4/2026	Sarah Freeland - Interwest Construction	Section 6.1.1 Bid Guarantee – Please confirm if the Bid Proposal Bond is submitted then the Form of Bid Guaranty and Contract Bond and Statement of Intended Surety are not required.	Please include all forms with bid submittal, if not applicable, leave blank.	8/5/2026
63	8/4/2026	Sarah Freeland - Interwest Construction	Per Section Q Builder's Risk of the Sample Construction Contract (Spec Page 121) – Please confirm if the Tribe will maintain a Builders Risk Insurance Policy.	Yes, per Section Q of Sample Construction Contract.	8/5/2026
64	8/5/2026	Galen Moore - Valley Electric	Regarding Sheet ILM1 – Volume 3 Illumination Plan – Marysville - Wire Note #43 appears to be referenced on the plan; however, I cannot locate the corresponding note. I reviewed the following page where the wire notes are listed, and it appears the list only goes through Wire Note #6. I also cross-referenced the ITS drawings in Volume 3, and those wire notes also only extend to #42. Could you please clarify what Wire Note #43 consists of, or advise if this is an omission in the plan set?	Conduit/Wire Note 43 on Sheet ILM2 shall require a 2" SPARE conduit.	8/5/2026