



**FORMAL BID  
2026-025**

**KITSAP COUNTY PUBLIC WORKS,  
CAPITAL FACILITIES DIVISION**

**FOR**

**PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION**  
PROJECT No. PR001386 CPA

**RESPONSE DEADLINE:  
JULY 2, 2026 AT 2:00 P.M.**

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## CERTIFICATE PAGE

### PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION

The engineering material and data contained in the Plans and Specifications were prepared under the supervision and direction of the undersigned, whose seal as a registered professional engineer is affixed below.



Supplementary Specifications:

011100 Summary of the Work  
024116 Structure Demolition

Special Provisions: all

Drawings:

Phase 0, Courthouse Parking: Building Demolition  
Erosion and Sediment Control Plan

Timothy Gross P.E.  
Kitsap County, Capital Facilities Division

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# **DIVISION 1 – CONTRACT DOCUMENTS**

PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION  
PROJECT No. PR001386 CPA

KITSAP COUNTY, WASHINGTON  
MAY 2026

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**INVITATION TO BID  
FORMAL BID NO. 2026-025**

**PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION  
PROJECT No. PR001386 CPA**

**BID SUBMISSION DATE & TIME** July 2, 2026, at 2:00 p.m.

**SUBMISSION VIA USPS DELIVERY:**

Kitsap County Purchasing Office  
Attn: Glen McNeill, Purchasing Agent  
614 Division Street MS-7  
Port Orchard, Washington 98366

**SUBMISSION VIA COURIER OR HAND DELIVERY:**

Kitsap County Administration Building  
Purchasing Office, 4th Floor  
Attn: Glen McNeill, Purchasing Agent  
619 Division Street  
Port Orchard, Washington 98366

**BID OPENING TIME & LOCATION** July 2, 2026, at 2:00 p.m.  
Kitsap County Administration Building  
Commissioners Chambers, 3rd Floor  
619 Division Street  
Port Orchard, Washington 98366

**OPTIONAL SITE VISIT** June 25, 2026 @ 10:00 a.m.

**SITE VISIT MEETING LOCATION:**

Kitsap County  
Facilities Maintenance Building  
(corner of Taylor and Sidney Streets)  
712 Taylor Street  
Port Orchard, WA 98366

**PROJECT WORK SITE:**

Kitsap County

- 612, 704, 802, 808, 810, 816, 818 Sidney Street
- 702 & 706 Taylor Street
- 809 & 815 Austin Avenue
- 803 & 807 Cline Avenue

Port Orchard, WA 98366

**WRITTEN QUESTIONS DUE:** June 26, 2026 by 5:00 p.m. to Purchasing Agent below

**PURCHASING AGENT:** Glen McNeill, Purchasing Agent  
Phone: (360) 337-4789  
Email: [purchasing@kitsap.gov](mailto:purchasing@kitsap.gov)  
Website: [www.kitsapgov.com/das/Pages/Online-Bids.aspx](http://www.kitsapgov.com/das/Pages/Online-Bids.aspx)

The Kitsap County Board of Commissioners will receive sealed bids for the **PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION** project until the time and date indicated above. Bids received before the deadline will be publicly opened and read aloud at the location described above. Instructions for the delivery of bids are contained in this Invitation to Bid for the Project. Prospective Bidders are hereby notified that they are solely responsible for ensuring timely delivery of their bid to the Kitsap County Purchasing Office on or before the bid submission date and time indicated above.

The principal items or elements of construction include:

*Project includes the demolition of one and two story residential single-family structures and misc. walls and foundations in Port Orchard, WA. A hazardous materials assessment has been completed for each structure, and some abatement will be required as part of the work. Some structures still have interior furnishings. Work will include all labor, materials, and permitting to install erosion and sediment control devices; remove of all vegetation from the site; cap and abandon water and sewer connections at the property line in accordance with City of Port Orchard standards; abandon private utility connections in accordance with respective utility provider standards; remove complete building structure including all pavement and structural foundations, hazardous materials abatement, and furnishings removal and disposal; grade the site using existing soils to match adjacent properties and safely convey water to the historic discharge location; and stabilize site soils using hydroseed.*

## **INSTRUCTIONS:**

**SITE VISIT.** An optional pre-bid site visit will be held at the location described above. The purpose of this site visit is to familiarize bidders with the environment in which the services under this solicitation will be provided. This will be the only tour of the site and facilities.

Oral statements or instructions made during the site visit will not constitute an amendment to this solicitation. Any doubt as to the requirements of this solicitation or any apparent omission or discrepancy must be submitted in writing via email to the Purchasing Agent.

Personal protective equipment (PPE), including hard hats, safety vests, and closed-toe shoes, must be worn by all attendees. Those attending should provide their own PPE for the site visit.

**COMMUNICATION.** All communication concerning this solicitation, including but not limited to questions about the bid process, the contract terms and conditions, how to obtain copies of the bid documents, and/or questions resulting from attendance at the pre-bid site visit, must be directed *via email only* to Kitsap County's Purchasing Agent at [purchasing@kitsap.gov](mailto:purchasing@kitsap.gov). Questions will be accepted until June 26, 2026 at 5:00 p.m. All correspondence related to this solicitation should refer to the solicitation number and page. Bidders are responsible for asking any questions they may have; failure to do so will not relieve the Bidders of any responsibilities under this solicitation or any subsequent contract. Bidders may only rely on written answers issued by the Purchasing Agent. Substantive questions and answers will be posted as addenda on the Kitsap County website. It is the responsibility of the bidder to assure that they received responses to questions if any are issued. *Oral communications are unofficial and nonbinding on the County.* Questions to or communications with other Kitsap County staff may disqualify bidders from the evaluation process. Bid documents may be found on the Kitsap County Website [www.kitsapgov.com/das/Pages/Online-Bids.aspx](http://www.kitsapgov.com/das/Pages/Online-Bids.aspx).

ADDENDA. The County will issue a written addendum if it changes, revises, deletes, clarifies, increases, or otherwise modifies the solicitation. All addenda and appendices will be published on the Kitsap County website. It is the bidder's responsibility to check for addenda and appendices. Bidders shall acknowledge receipt of all addenda and complete and submit all solicitation appendices with the offer. Bidders that do not comply with this section may be rejected as non-responsive.

SUBMISSION. Each bid proposal shall be submitted in hard copy format, completely sealed in a separate envelope, properly addressed as stated above, with the name and address of the bidder and the name of the project and solicitation number plainly written on the outside of the envelope. 2 paper copies of the bid proposal must be provided.

All bids shall be accompanied by:

- County Bid Proposal – as published in Invitation to Bid
- Signed acknowledgment of receipt of all addenda
- Surety company Bid Bond on an approved form, certified check, or cashier's check payable to Kitsap County in an amount not less than five percent (5%) of the Bid Proposal
- Subcontractor's List
- Bidder Information
  - Bidder Responsibility Checklist
  - Subcontractor Responsibility Checklist
  - Project References
- Non-Collusion Affidavit
- Certification of Compliance with Wage Payment Statutes

All of the above items must be complete in all respects, including signatures (notarized where required). Kitsap County reserves the right to award the bid in a manner and on a basis which will best serve the County, taking into consideration the Bidder Responsibility Statement included with the bids, the requirements of the Project Specifications herein, and the Contract Documents, and applicable procurement law.

WAIVERS AND REJECTION. Kitsap County reserves the right to reject any and all bids and to waive informalities or irregularities. Bids received after the time set for submission of bids will not be considered. The County in its sole discretion also retains the absolute right without penalty to withdraw and/or amend all or any portion of this solicitation at any time, for any reason and no reason, up to contract execution. If there is any conflict between amendments, or between an amendment and the solicitation documents, whichever document was issued last in time shall control. The County may at any time reject all or part of any offer as non-responsive for any of the following reasons: 1) late or incomplete offer; 2) noncompliance with any part of the solicitation; 3) inaccurate, misleading, exaggerated, or false information; or 4) failure to respond to every solicitation item or to provide all information requested.

WITHDRAWAL OF BID. Bidders may modify or withdraw a submitted bid prior to the due date and time. A request to modify or withdraw must be in writing, signed by an authorized representative of the bidder, and submitted to the Purchasing Agent. Faxed withdrawals will NOT

be accepted. A withdrawn bid may be resubmitted prior to the offer due date and time. Negligence in preparing a bid confers no right of withdrawal or modification after the due date and time.

BOND FORFEIT. Should the successful bidder fail to enter into a contract with the County in accordance with the Bid and furnish all documents and bonds required within the time frames stated in the specifications, the bid proposal deposit or bond shall be forfeited to Kitsap County.

MINORITY AND WOMEN OWNED BUSINESS ENTERPRISE PARTICIPATION. Pursuant to RCW 39.19, it is the policy of Kitsap County to foster an environment that encourages economic growth and diversification, business development and retention, increases competition and reduces unemployment. In support of that policy, Kitsap County reaffirms its commitment to maximize opportunities in public contracting for all contractors including minority and women owned business enterprises. Bidders are encouraged to utilize qualified, local businesses in Kitsap County and Washington State where cost effectiveness is deemed competitive. In addition, bidders are encouraged to subcontract with firms certified by the Washington State Office of Minority and Women's Business Enterprises (MWBE).

LIABILITY FOR ERRORS. While the County has used considerable efforts to ensure the information in the solicitation is accurate, the County does not guarantee or warrant the information to be accurate nor is it necessarily comprehensive or exhaustive. Nothing in this solicitation is intended to relieve the bidder from forming their own opinions and conclusions with respect to the matters addressed in the solicitation.

PREPARATION COSTS. The County is not liable for any costs incurred by the bidder in preparing, evaluating, submitting, developing, demonstrating, presenting, negotiating, or providing a response, and/or samples for this solicitation. All such activities are done at the bidder's own expense. Bids submitted for consideration should be prepared simply and economically, providing adequate information in a straightforward and concise manner.

ACCEPTANCE IS NOT BINDING. Acceptance of an offer does not bind the County until the offer is approved by the appropriate County level of authority and a contract is executed by both parties.

BRAND NAMES AND EQUIVALENTS. References to manufacturers, trade names, brand names or catalog numbers in the solicitation are intended to be descriptive, not restrictive, unless otherwise stated, and are intended to indicate the level of quality, design, or performance desired. Any offer which proposes equal or greater quality, design or performance may be considered. Offers based on equivalent products must clearly describe the alternate offered and indicate how it differs from the product specified; and, include complete and sufficient descriptive literature and/or specifications to enable a full and fair determination as to whether the proposed alternate will be equal to or better than the product named in the solicitation. The County has the sole authority to accept or reject any like item and may require the bidder to provide additional information and/or samples. If the bidder does not specify otherwise, it is understood that the referenced brand will be supplied.

SPECIFICATIONS. The Washington State Department of Transportation (WSDOT) Standard Specifications for Road, Bridge, and Municipal Construction, M 41-10, 2026 edition, shall apply to this work, as adjusted by the Special Provisions. The apparent silence of the Specifications as to any detail shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of the specifications shall be made based on this statement.

DESCRIPTIVE LITERATURE. All bids shall include complete manufacturer's descriptive literature regarding the equipment, goods and/or services proposed to be furnished. Literature shall be sufficient in detail to allow full and fair evaluation of the offer submitted. Failure to include this information may result in the bid being rejected.

CONFLICT OF INTEREST. Bidders shall disclose whether the bidder is an immediate family member of or engaged in any business enterprise with a County employee, or elected or appointed official with authority to award the solicitation. Such disclosure shall be identified in writing in the bid proposal.

GRATUITIES AND KICKBACKS. The bidder and any employee or agent thereof is prohibited from soliciting, accepting, offering, or giving, or agreeing to solicit, accept, offer, or give, any gratuity, service, or reward, including an offer of employment, with the purpose of or in a manner that would influence any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or purchase request, to influence the content of any specification or procurement standard, or to influence any investigation, audit, proceeding or application, request for ruling, determination on a claim or controversy, or other matter related to or associated with this solicitation.

NOTICE. Washington law imposes civil and criminal penalties for violation of purchasing guidelines, bribes, gratuities, and kickbacks.

REFERENCE CHECKS. The County may conduct reference checks to verify the bidder's past performance. Reference checks indicating poor or failed performance may be cause for rejection. Failure to provide requested reference contact information may result in the bid being non-responsive. The County reserves the right to obtain reference checks, other than those provided by the bidder, relevant to the services to be provided and the prospective working relationship between the County and the bidder.

PERSONNEL. It is essential the bidder provide adequate experienced personnel, capable of and devoted to the successful accomplishment of the work to be performed in this solicitation. The bidder agrees that those persons identified in their submittal shall not be removed or replaced without a written request to and approval from the County.

PROTESTS. Protests of this solicitation must follow RCW 39.04.105.

**BIDDERS ARE STRONGLY ENCOURAGED TO READ THE ENTIRE SOLICITATION AND TO REVIEW AND UNDERSTAND THE CONDITIONS, REQUIREMENTS, AND CONTRACTOR RESPONSIBILITIES OUTLINED IN THIS INVITATION TO BID.**

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## BID PROPOSAL

TO: Kitsap County Board of Commissioners  
614 Division Street  
Port Orchard, WA 98366

Board of Commissioners:

The undersigned bidder agrees, if this bid is accepted, to enter into a contract with the County, in the form included herein to perform and furnish the work as specified or indicated in the bidding documents for the bid price and within the bid times indicated in this bid and in accordance with the other terms and conditions of the contract documents.

In submitting this bid, bidder represents, as more fully set forth in the contract, that:

1. This bid will remain subject to acceptance for sixty (60) days after the day of bid opening. The County retains the right to request the apparent low bidder extend the award period or adjust their price accordingly. If an adjustment is requested, the County reserves the right to request the same adjustment from other bidders.
2. The County has the right to reject this bid.
3. Bidder will sign and submit the contract attached hereto with all bonds and other documents required by the bidding requirements within ten (10) days after the date of County's Notice of Award.
4. Bidder has examined copies of all the bidding documents.
5. Bidder has made sufficient examination and has investigated and is satisfied as to the conditions to be encountered, the character, quantity, quality and scope of work, the quantities and qualities of materials to be supplied and equipment and labor to be used, and the requirements of the contract and proposal submitted, including all addenda for performance of the work.
6. Bidder has visited the jobsite, or has waived such visit, and is completely familiar with the existing conditions, concurrently scheduled construction, access, staging and site limitations, and has made allowances for those conditions in their bid.
7. Bidder is familiar with all federal, state, and local laws, ordinances and regulations which in any manner might affect those engaged or employed in the work, the materials, equipment, or procedures used in the work, or which in any other way might affect the conduct of the work. The Bidder is assumed to be familiar with such laws and regulations, and no plea of misunderstanding or ignorance of the law will be considered.
8. Bidder has correlated the information known to bidder, information and observations obtained from visits to the site, reports and drawings identified in the bidding documents and additional examinations, investigations, explorations, tests, studies, and data with the bidding documents.
9. Bidder agrees that the work will be completed within the time period established in the Contract Documents, as defined in the Specifications, from the date of Notice to Proceed.

10. The bidder has determined from careful examination the methods, materials, labor and equipment required to perform the work in full and shall reflect the same in its bid price. If, during the performance of the work, methods, materials, labor or equipment required are beyond those anticipated by the bidder, the Bidder will not be entitled to additional compensation except as may be provided for elsewhere in these specifications.

**Bidder has received the following addenda, receipt of which is hereby acknowledged:**

DATE	NUMBER
_____	_____
_____	_____
_____	_____
_____	_____

**SUMMARY OF BID DOCUMENTATION:**

It is mandatory that each bidder complete and submit with its bid the documentation required by the contract documents, including but not limited to the following:

1. Bid Proposal
2. Bid Bond
3. Subcontractor's List
4. Bidder Information
  - a. Bidder Responsibility Checklist
  - b. Subcontractor Responsibility Checklist
  - c. Project References
5. Non-Collusion Affidavit Certificate
6. Certification of Compliance with Wage Payment Statutes
7. Exceptions & Assumptions Form

**BASIC BID:**

Pursuant to and in compliance with the advertisement for bids and other documents relating thereto, the undersigned Bidder hereby certifies having carefully examined Contract Documents for the **PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION** project as well as conditions affecting the work, and is familiar with the sites; and having made the necessary examinations, hereby proposes to furnish all labor, materials, equipment, and services necessary to complete the work in strict accordance with the bidding and Contract Documents for an amount computed upon the basis of the quantity of work actually performed at the Bid prices set forth herein.

**PROPOSAL:**

*Project includes the demolition of one and two story residential single-family structures and misc. walls and foundations in Port Orchard, WA. Work will include all labor, materials, and permitting to install erosion and sediment control devices; remove of all vegetation from the site; cap and abandon water and sewer connections at the property line in accordance with City of Port Orchard standards; abandon private utility connections in accordance with respective utility provider standards; remove complete building structure including all pavement and structural foundations; grade the site using existing soils to match adjacent properties and safely convey water to the historic discharge location; and stabilize site soils using hydroseed.*

**LUMP SUM AND UNIT PRICES:**

The Bidder certifies that the cost of all labor, equipment, plans, materials, including overhead and profit, necessary for proper completion of the work shall be included in the prices for the various bid items. NOTE: PRICES FOR ALL ITEMS, ALL EXTENSIONS, AND THE TOTAL AMOUNT OF BID MUST BE SHOWN. All prices shall be in legible and written in ink, typed, or computer printed. Erasures, interlineations, or other modifications in the proposal shall be initialed in original blue ink by the authorized person signing the proposal. The proposal shall include: a price for each item (omitting digits more than four places to the right of the decimal point) and the total contract price (the sum of all extensions).

**SALES TAX:**

All work identified in the bid schedule is subject to collection of Washington State sales tax on the Contract Price. Bidders should contact the Washington State Department of Revenue for further clarification of sales tax rules. If the project extends through a sales tax increase, the Contractor will be allowed a commensurate increase in the sales tax and adjustment in the contract amount. However, the County will not adjust payment if the Bidder bases a Bid on a misunderstood tax liability.

**DELIVERY:**

The total cost shall include all freight, handling, delivery, surcharges, and other incidental charges that may be required to provide the services or deliver the commodities. All prices shall include freight FOB destination, freight included to the designated delivery point. Additional charges such as fuel surcharges will not be accepted by the County. If the delivery combines items from more than one purchase order, separate packing slips shall be included in the shipment.

## BID SCHEDULE

### *PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION*

Item No.	Ref. Section	Estimated Quantity	Unit	Price
1. 809 Austin Avenue Demolition (complete)	024116	1	LS	\$
2. 815 Austin Avenue Demolition (complete)	024116	1	LS	\$
3. 803 Cline Avenue Demolition (complete)	024116	1	LS	\$
4. 807 Cline Avenue Demolition (complete)	024116	1	LS	\$
5. 612 Sidney Avenue Demolition (complete)	024116	1	LS	\$
6. 704 Sidney Avenue Demolition (Complete)	024116	1	LS	\$
7. 802 Sidney Avenue Demolition (complete)	024116	1	LS	\$
8. 808 Sidney Avenue Demolition (complete)	024116	1	LS	\$
9. 810 Sidney Avenue Demolition (complete)	024116	1	LS	\$
10. 816 Sidney Avenue Demolition (complete)	024116	1	LS	\$
11. 818 Sidney Avenue Demolition (complete)	024116	1	LS	\$
12. 702 Taylor St Demolition (complete)	024116	1	LS	\$
13. 706 Taylor St Demolition (complete)	024116	1	LS	\$
<b>Subtotal</b>				<b>\$</b>
<b>Sales Tax @ 9.2%</b>				<b>\$</b>
<b>Total</b>				<b>\$</b>

**OPENING OF BIDS:**

Bids received prior to the time of opening will be kept unopened and secured until the time of the bid opening as specified in the Advertisement for Bids. No bid received thereafter will be considered. No responsibility will attach, and bidders waive any and all complaints against the County, for premature opening of an improperly addressed or identified bid.

At the time and place fixed for the opening of bids, every bid received within appropriate time will be opened and publicly read aloud.

The County reserves the right to postpone the date and time for receiving and/or opening of bids at any time prior to the date and time established in the Invitation to Bid. Postponement notices shall be mailed to bidders in the form of addenda.

The County may reject all bids if they exceed budgeted cost or the County may negotiate bid pricing with the apparent low responsive bidder including changes in the plans and specifications, to bring the bid within budgeted cost.

**CONTRACT AND BOND:**

If notified of the acceptance of this bid within sixty (60) days of the time set for opening of bids, the undersigned agrees to execute a contract for the above work, for a compensation computed from the above-stated sums, on the Contract provided herein and to furnish the performance and payment bonds as required.

**BID BOND:**

It is agreed that if the undersigned fails to execute the Contract and furnish the performance and payment bonds within ten (10) days after written notice of award of Contract, then the Bid Bond shall be retained by the County as liquidated damages. If this bid is not accepted within sixty (60) days after the time set for the opening of bids, or if the undersigned delivers said Contract and bonds in a timely manner, then the check or cash shall be returned, or the Bid Bond shall become void.

SIGNATURE

Signed By: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Name of Firm: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_

**END OF BID PROPOSAL**

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**BID BOND  
FORMAL BID 2026-025**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, \_\_\_\_\_, hereinafter called the Principal, and \_\_\_\_\_, hereinafter called the Surety, are jointly and severally held and firmly bound unto the Kitsap County Department of Public Works, hereinafter called the Owner, each in the sum of five percent (5%) of the total amount of the Bid of the Principal for the work, this sum not to exceed \_\_\_\_\_ dollars (\$ \_\_\_\_\_) of lawful money of the United States for the payment thereof unto the Owner, the Principal, and Surety jointly and severally bind themselves forever firmly by these presents.

WHEREAS, the Principal is herewith submitting its offer for the fulfillment of Owner's contract for construction of: **PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION.**

NOW, THEREFORE, the condition of this obligation is such that if the Principal is awarded the contract, and if the Principal, within the time specified in the bid for such contract, enters into, executes, and delivers to the Owner an agreement in the form provided herein complete with evidences of insurance, and if the Principal within the time specified in the bid gives the Performance and Payment Bond on the form provided herein to the Owner, then this obligation shall be void; otherwise, the Principal and Surety will pay unto the Owner the sum set forth above.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable under this obligation as Principal, and that nothing of any kind or nature whatsoever that will not discharge the Principal shall operate as a discharge or a release of liability of the Surety.

IT IS HEREBY FURTHER DECLARED AND AGREED that this obligation shall be binding upon and inure to the benefit of the Principal, the Surety, and the Owner and their respective heirs, executors, administrators, successors, and assigns.

SIGNED AND SEALED this \_\_\_\_\_ day of \_\_\_\_\_, 2026.

*Contractor's Corporate Seal*

\_\_\_\_\_  
Principal  
\_\_\_\_\_  
Signature for Principal  
\_\_\_\_\_  
Title of Signatory

*Surety's Corporate Seal*

\_\_\_\_\_  
Surety  
\_\_\_\_\_  
Signature for Surety  
\_\_\_\_\_  
Title of Signatory

**END OF BID BOND**

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## SUBCONTRACTORS LIST

Each bidder is required to submit as part of the bid or within one (1) hour after the published bid submittal time, the names of the subcontractors with whom the bidder, if awarded the contract, will subcontract for performance of the work of heating, ventilation and air conditioning; plumbing as described in RCW 18.106; and electrical as described in RCW 19.28; or to name itself for the work. Additionally, each bidder is required to submit as part of the bid or within 48-hours after the published bid submittal time, the names of the subcontractors with whom the bidder, if awarded the contract, will subcontract for performance of the work of structural steel and rebar. The Bidder shall not list more than one subcontractor for each category of work identified, unless subcontractors vary with bid alternates, in which case the bidder must indicate which subcontractor will be used for which alternate. Failure of the Bidder to submit the names of such subcontractors or to name itself to perform such work or the naming of two or more subcontractors to perform the same work shall render the Bidder's bid non-responsive and, therefore, void.

SUBCONTRACTORS (whose work is equal to or greater than 10% of the bid)  
(Note: This is required by this contract and not RCW 39.30.060)

### List subcontractors appropriately

Trade: \_\_\_\_\_

Subcontractor Name: \_\_\_\_\_

Trade: \_\_\_\_\_

Subcontractor Name: \_\_\_\_\_

Trade: \_\_\_\_\_

Subcontractor Name: \_\_\_\_\_

Trade: \_\_\_\_\_

Subcontractor Name: \_\_\_\_\_

Trade: \_\_\_\_\_

Subcontractor Name: \_\_\_\_\_

**[THIS FORM SHALL BE COMPLETED IN FULL AND SUBMITTED WITH THE BID PROPOSAL]**

END OF Subcontractors list

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## BIDDER INFORMATION

Contracting Firm Name:
Number of Years Contractor has been in the construction business under its present firm name:
Present gross dollar amount of work under contract:
Present gross dollar amount remaining to be completed of work under contract:
General type of work performed by firm:

List the top five (5) major pieces of equipment to be used on this project:	Owned	Leased	Rented
1.			
2.			
3.			
4.			
5.			

Project Manager and Superintendent responsible for this project	# of Years with Firm
Name of Project Manager:	
Name of Superintendent:	

Bank Reference:
Have you changed bonding companies within the last three years?
If so, why? (Optional)

Have you ever been sued by a client or have you ever sued a client on any public works contract for a special purpose district, municipality, county, or state government? \_\_\_\_\_

For what reason? \_\_\_\_\_  
\_\_\_\_\_

Disposition of case, if settled: \_\_\_\_\_  
\_\_\_\_\_

Do you have any outstanding payments due to the Department of Revenue? \_\_\_\_\_

If yes, describe the plan to address those payments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder agrees that the County shall retain the right to obtain any and all credit reports?

(\_\_\_\_\_) \_\_\_\_\_  
Yes Signature

In the last 5 years, has the Bidder had a three-year average Experience Modification Rate (EMR) no greater than 1.1 (Include EMR documentation)?

(\_\_\_\_\_) \_\_\_\_\_  
Yes/No Signature

Does the Bidder have sufficient bonding capacity?

(\_\_\_\_\_) \_\_\_\_\_  
Yes/No Signature

The Bidder shall include with their Bid a notarized statement from an admitted and Washington State approved surety insurer, which states that Bidder's current bonding capacity is sufficient for this project.

In the last five (5) years, has the Bidder had their Contractor's license revoked?

(\_\_\_\_\_) \_\_\_\_\_  
Yes/No Signature

In the last five (5) years, has the Bidder been "defaulted" or "terminated" by an owner (other than for convenience of the owner)?

(\_\_\_\_\_) \_\_\_\_\_  
Yes/No Signature

In the last five (5) years, has the Bidder been convicted of a crime involving the awarding of a contract of a government (local, state, or federal) construction project or the bidding or performance of a government construction contract?

(\_\_\_\_\_) \_\_\_\_\_  
Yes/No Signature

In the last five (5) years, has the Bidder been found guilty in a criminal action, for making any false claim or material misrepresentations to any public agency or entity?

(\_\_\_\_\_) \_\_\_\_\_  
Yes/No Signature

In the last five (5) years, has the Bidder been convicted of a crime involving any federal, state or local law related to construction, including acts of dishonesty?

(\_\_\_\_\_) \_\_\_\_\_  
Yes/No Signature

**[THIS FORM SHALL BE COMPLETED IN FULL AND SUBMITTED WITH THE BID PROPOSAL]**

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## SUBCONTRACTOR RESPONSIBILITY CHECKLIST

The following checklist will be used to document that the Bidder meets the mandatory bidder responsibility criteria. Please print a copy of documentation from the appropriate website to be included with the submittal.

General Information	
Project Name: PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION	Solicitation Number: 2026-025
Subcontractor's Business Name:	Bid Submittal Deadline: July 2, 2026, at 2:00 p.m.
Contractor Registration	
License Number:	Status: Active: Yes <input type="checkbox"/> No <input type="checkbox"/>
Effective Date (must be effective on or before Subcontract Bid Submittal Deadline):	Expiration Date:
Contractor Infraction List	
Is Subcontractor on Infraction List? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Current UBI Number	
UBI Number:	Account Status: Open <input type="checkbox"/> Closed <input type="checkbox"/>
Industrial Insurance Coverage	
Account Number:	Account Current: Yes <input type="checkbox"/> No <input type="checkbox"/>
Employment Security Department Number	
Employment Security Department Number:	
<i>Provide a copy of latest correspondence containing subcontractor's account number with Employment Security Department. Do not provide documents containing personal information such as social security numbers.</i>	
State Excise Tax Registration Number	
Tax Registration Number:	Account Status: Open <input type="checkbox"/> Closed <input type="checkbox"/>
Not Disqualified from Bidding	
Has the Subcontractor ever been disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065(3)? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Has the Subcontractor been listed on the County's debarment list in the last two (2) years? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Has the Subcontractor received training on the requirements related to public works and prevailing wage (RCW 39.04.350(f))? Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt <input type="checkbox"/>	
Contractor Licenses	
<u>Electrical</u> : If required by Chapter 19.28 RCW, does the Subcontractor have an Electrical Contractor's License? Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>Elevator</u> : If required by Chapter 70.87 RCW, does the Subcontractor have an Elevator Contractor's License? Yes <input type="checkbox"/> No <input type="checkbox"/>
Checked by:	
Name of Employee:	Date:

**[THIS FORM SHALL BE COMPLETED IN FULL FOR EACH SUBCONTRACTOR AND SUBMITTED WITH THE BID PROPOSAL]**

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**NON-COLLUSION AFFIDAVIT**

The undersigned, being duly sworn, deposes and says that the person, firm, association, co-partnership or corporation herein named, has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in the preparation and submission of this proposal to Kitsap County for its consideration in the award of the contract.

\_\_\_\_\_  
Legal Name of Bidder

\_\_\_\_\_  
By (Signature)

Sole Proprietorship  Partnership  Joint Venture  Corporation  Other

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City

\_\_\_\_\_  
State

\_\_\_\_\_  
Zip

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
State of Washington Contractor's Number

STATE OF WASHINGTON)

( \_\_\_\_\_ ) SS.

COUNTY OF KITSAP)

On this day personally appeared before me \_\_\_\_\_ to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that \_\_\_\_\_ signed the same as \_\_\_\_\_ free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this \_\_\_\_\_ day of \_\_\_\_\_, 202\_

\_\_\_\_\_  
Notary Public in and for the State of Washington, residing at

\_\_\_\_\_

My Commission Expires: \_\_\_\_\_

**[THIS FORM SHALL BE COMPLETED IN FULL AND SUBMITTED WITH THE BID PROPOSAL]**

**END OF NON-COLLUSION AFFIDAVIT**

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**CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES**

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date of July 2, 2026, the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

\_\_\_\_\_  
Bidder's Business Name

\_\_\_\_\_  
Signature of Authorized Official\*

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
City

\_\_\_\_\_  
State

*Check One:*

Sole Proprietorship  Partnership  Joint Venture  Corporation

State of Incorporation, or if not a corporation, State where business entity was formed:

\_\_\_\_\_

If a co-partnership, give firm name under which business is transacted:

\_\_\_\_\_  
*\* If a corporation, proposal must be executed in the corporate name by the president or vice-president (or any other corporate officer accompanied by evidence of authority to sign). If a co- partnership, proposal must be executed by a partner.*

**[THIS FORM SHALL BE COMPLETED IN FULL AND SUBMITTED WITH THE BID PROPOSAL]**

**END OF CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES**

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EXHIBIT \_\_\_\_\_

**EXCEPTIONS AND ASSUMPTIONS FORM**

**PURCHASING DEPARTMENT**  
 619 DIVISION ST. MS-7  
 PORT ORCHARD, WA 98366  
 PHONE: (360) 337-4788

BIDDER'S NAME: \_\_\_\_\_

The County does not intend to make changes to the terms and conditions of the solicitation, unless necessary to clarify the scope of work and technical requirements. Failure to accept the terms and conditions may result in a proposal being deemed nonresponsive. Offerors shall identify all Exceptions and/or Assumptions taken to any terms, conditions, and specifications of the solicitation and associated documents must be clearly identified on the table below and returned with the proposal. Unallowable or questionable Exceptions and/or Assumptions may cause a proposal to be non-responsive. Exceptions or Assumptions noted elsewhere in the solicitation and not specified on this form will be considered void and may disqualify the offer. All cells below must be completed for each Exception and Assumption.

SPECIFICALLY DESCRIBE ALL EXCEPTIONS AND ASSUMPTIONS *(attach additional pages if needed)*:

<b>Identify All Exceptions and Deviations</b> <i>(check one)</i>					
<input type="checkbox"/> <b>No Exceptions Requested:</b> Bidder is not requesting exceptions to the solicitation and associated documents.					
<input type="checkbox"/> Offeror requests the exceptions and/or assumptions identified below:					
No	Section, page, and reference	Language to which an Exception or Assumption taken	Provide basis for all Exceptions and Assumptions	Proposed Language	Price and Schedule Impact
1.					
2.					
3.					
4.					
5.					

6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					

\_\_\_\_\_  
Signature of Bidder's Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Bidder's Authorized Representative (print)

\_\_\_\_\_  
Title

## BIDDER'S CHECKLIST

NOTE: The purpose of this checklist is to serve as a reminder of major items to be addressed in submitting a bid and by the Successful Bidder after notification of award and is not intended to be all-inclusive. It does not alleviate the Bidder from the responsibility of becoming familiar with all aspects of the Contract Documents and proper completion and submission of the Bid.

1. Contract Documents thoroughly read and understood. \_\_\_\_\_
2. Attend pre-bid conference. \_\_\_\_\_
3. All blank spaces in proposal filled in, preferably in black ink. \_\_\_\_\_
4. Receipt of all addenda acknowledged. \_\_\_\_\_
5. Bid Form and other documents are signed by authorized officer. \_\_\_\_\_
6. Prices computed and presented correctly. \_\_\_\_\_
7. Subcontractors are named as indicated in the Contract Documents. \_\_\_\_\_
8. The following documents, to be submitted with the bid, completed, signed, and dated as applicable.
  - a. Bid Proposal \_\_\_\_\_
  - b. Bid Guaranty Bond \_\_\_\_\_
  - c. Subcontractors List \_\_\_\_\_
  - d. Bidder Information, including:
    - i. Bidder Responsibility Checklist \_\_\_\_\_
    - ii. Subcontractor Responsibility Checklist \_\_\_\_\_
    - iii. Project References \_\_\_\_\_
  - e. Non-Collusion Affidavit Certificate \_\_\_\_\_
  - f. Certification of Compliance with Wage Payment Statutes \_\_\_\_\_
  - g. Exceptions & Assumptions Form \_\_\_\_\_
9. Bid documents submitted in sealed envelope and properly labeled. \_\_\_\_\_
10. The following documents shall be executed and complied with after the contract is awarded:
  - a. Capital Projects Contract Agreement \_\_\_\_\_
  - b. Performance and Payment Bond \_\_\_\_\_
  - c. Insurance Certificates \_\_\_\_\_

**END OF BIDDER'S CHECKLIST**

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**CONTRACT NO. KC-XXX-XX  
CAPITAL PROJECTS CONTRACT AGREEMENT**

This Contract is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20XX between Kitsap County, a Washington State political subdivision, having its principal offices at 614 Division Street, Port Orchard, Washington 98366 ("County"), and [CONTRACTOR], a [State] state [CONTRACTOR TYPE], having its principal offices at [CONTRACTOR ADDRESS] ("Contractor").

WHEREAS, the County desires to complete the **PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION** project, in Commissioner District #3, and

WHEREAS, the Contractor has been selected by competitive bid [BID#] as the responsible bidder with the lowest responsive bid as is required by Chapter 39.04 RCW.

NOW THEREFORE, in consideration of the terms and conditions of this Contract, the County and the Contractor mutually agree as follows:

**1. CONTRACT DOCUMENTS**

The Contract between the parties is expressed in the Contract Documents, which include the Invitation to Bid; the accepted Bid Proposal; the Bid Bond; the Subcontractor's List; the Bidder Information, including the Bidder and any subcontractor Responsibility Checklist; the Non-Collusion Affidavit; the Certification of Compliance with Wage Payment Statutes; the Performance and Payment Bonds; the Plans and Specifications; any approved addenda and change orders, and this Contract.

**2. DESCRIPTION OF THE WORK**

This Contract provides for the demolition of four building structures in accordance with the Plans and Specifications entitled "**PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION.**" Contractor agrees to furnish all material, labor, carriage, tools, equipment, apparatus, facilities, and anything else necessary to complete the work in a professional and workmanlike manner.

The Contractor shall complete its Work in a timely manner and in accordance with the agreed schedule submitted by the Contractor and approved by the County.

**3. NOTICE TO PROCEED**

The County shall issue a Notice to Proceed after the execution of the Contract and receipt of all necessary required documents, including, where applicable, Performance and Payment Bond, a copy of insurance policies and/or any and all Certificates of Insurance and Additional Insured Endorsements. The Notice to Proceed shall provide the Start Date.

**4. TIME IS OF THE ESSENCE; LIQUIDATED DAMAGES**

Time is of the essence in the performance of this Contract. The Contractor agrees to work promptly and fully complete the work within the limits as described in the Contract Documents. Failure to complete the work within the allowed time limit will subject the Contractor to the payment of liquidated damages as described in herein.

Delays in the completion of this Contract will negatively affect the efficient and continuous operation of the County Courthouse site. Delays also cost taxpayers undue sums of money, adding time needed for additional administration, engineering, inspection, and supervision.

Accordingly, the Contractor agrees to pay liquidated damages in the amount of \$250.00 for each working day beyond the number of working days established below, and to authorize the County to deduct these liquidated damages from any money due to coming due to the Contractor.

When the Contract Work has progressed to Substantial Completion as defined below, the County may determine the Contract Work is Substantially Complete. The County will notify the Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring after the date so established, liquidated damages identified above will not apply. For overruns in Contract time occurring after the Substantial Completion Date, liquidated damages shall be assessed on the basis of direct engineering and related costs assignable to the project until the actual Physical Completion Date of all the Contract Work. The Contractor shall complete the remaining Work as promptly as possible. Upon request by the County, the Contractor shall furnish a written schedule for completing the physical Work on the Contract.

Liquidated damages will not be assessed for any days for which an extension of time is granted. No deduction or payment of liquidated damages will, in any degree, release the Contractor from further obligations and liabilities to complete the entire Contract.

## **5. TIME FOR COMPLETION**

The work to be performed under this Contract shall commence upon receipt of Notice to Proceed. Time for Completion of the Contract Documents and Substantial Completion of the work shall be achieved within ninety (90) Working Days, exclusive of a Procurement Suspension.

Substantial Completion is when all physical work is complete except for punch list items. In other words, this is the date that the contracting agency has full and unrestricted use of the facilities, both from an operational and safety standpoint. Only minor incidental work remains, such as replacement of temporary substitute facilities or minor corrections or repairs.

Contract Time may be suspended for procurement of critical materials (Procurement Suspension). In order to receive a Procurement Suspension, the Contractor shall within ten (10) calendar days after approved submittals, place purchase orders for all materials deemed critical by the County for physical completion of the Contract. The Contractor shall provide copies of purchase orders for critical materials. Such purchase orders shall disclose the purchase order date and estimated delivery dates for such critical material.

The Contractor shall show procurement of the materials listed below as activities in the Project Schedule. If the approved Project Schedule indicates that the materials procurement are critical activities, and if the Contractor has provided documentation that purchase orders are placed for the critical materials within the prescribed ten (10) calendar days, then Contract Time will be suspended for physical completion of critical work dependent upon the below listed critical materials:

- N/A

Charging of the final ten [10] Working Days of Contract Time in accordance with the Work Sequence within the Project Specifications shall resume upon delivery of the critical materials to the Contractor.

**6. CONTRACT AMOUNT**

The County hereby agrees to pay the Contractor according to the Contractor’s Bid in the amount of **\$(CONTRACT AMOUNT)** (including accepted alternates and Washington State Sales Tax (WSST)), at the time and manner and upon the conditions provided for in this Contract.

**7. CONTRACT REPRESENTATIVES**

Each party to this Contract shall have a representative. Each party may change its representative upon providing written notice to the other party. These representatives will be:

County’s Contract Representative

Name: Timothy Gross, PE  
Title: Project Manager  
Address: 507 Austin Ave  
Phone: (360) 801-8639  
Email: tgross@kitsap.gov

Contractor’s Contract Representative

Name: [Contractor Rep Name]  
Title: [Contractor Rep Title]  
Address: [Contractor Rep Addr]  
Phone: [Contractor Rep Phone]  
Email: [Contractor Rep Email]

All instructions, modifications, and changes to the Contract shall be conveyed to the Contractor through the County’s Representative. Any work executed upon the direction of any person or entity other than the County’s Representative may be considered defective and will be performed without reimbursement for said work to the Contractor. The County’s Representative shall have the authority to reject any and all nonconforming or defective work under the Contract Documents.

**8. PAYMENT**

At monthly intervals, unless determined otherwise by the County, the Contractor shall submit to the County an invoice or billing statement. Within thirty (30) calendar days of receiving an invoice or billing statement, the County shall pay ninety-five (95) percent of the invoice if such invoice or statement is acceptable to the County. Five (5) percent of the invoice or statement amount shall be retained in accordance with Chapter 60.28 RCW and Section 10 below. No invoice or billing statement will be paid until all schedules for the previous month have been met and other documentation required by the Contract Documents have been submitted. At the Contractor’s selection, the County will retain these funds in accordance with RCW 60.28.011 in:

- a separate fund within Kitsap County
- an interest-bearing bank account
- an escrow account

In the event the Contractor has failed to perform any substantial obligation to be performed by the Contractor under this Contract and such failure has not been cured within ten (10) working days following notice from the County, then, in its sole discretion and upon written notice to the

Contractor, the County may withhold any and all monies due and payable to the Contractor without penalty until such failure to perform is cured or otherwise adjudicated.

Unless otherwise provided for in this Contract or any of the Contract Documents, the Contractor will not be paid for any billings or invoices presented for payment prior to the execution of this Contract and the Notice to Proceed or for work performed after the Contract's termination.

No payment shall be made for any work performed by the Contractor except for work identified and set forth in this Contract or the Contract Documents.

## **9. PREVAILING WAGES**

Contractor shall be responsible for complying with the prevailing wage requirements associated with Chapter 39.12 RCW and WAC 296-127.

Pursuant to Chapter 39.12 RCW and WAC 296-127, the Contractor shall pay not less than the prevailing rate of per diem wages to its employees and provide documentation to the County of its compliance with prevailing wage laws and regulations. The prevailing rate shall be calculated as of March 1, 2026 for Kitsap County and the applicable trade. For all subcontractors, the Contractor agrees that the date for determining prevailing wages will be the date of the contract between the Contractor and the subcontractor. A copy of such prevailing rates of per diem wages can be found at <https://lni.wa.gov/licensing-permits/public-works-projects/prevailing-wage-rates/> and shall be posted by the Contractor at the work site.

A "Statement of Intent to Pay Prevailing Wages" (hereinafter "Statement of Intent") must be submitted to and approved by the State Department of Labor and Industries prior to beginning work by the Contractor. The Statement of Intent shall include the Contractor's registration number, the prevailing wage for each classification of workers, and an estimate of the number of workers in each classification. An 'Affidavit of Wages Paid' must be submitted to and approved by the State Department of Labor and Industries by the Contractor prior to release of the retained percentage. Copies of these documents shall be provided to the County prior to any payment being made to the Contractor. The fee for each of these documents shall be paid by the Contractor.

## **10. PERFORMANCE AND PAYMENT BONDS; RETAINAGE**

a. The Contractor agrees to provide Performance and Payment Bonds on forms approved by the County. Pursuant to Chapter 39.08 RCW, the Contractor shall make, execute, and deliver to the County the performance and payment bonds for the full contract amount of **\$(CONTRACT AMOUNT)**. The bonds shall also cover any and all approved amendments. The bonds must be submitted within ten (10) days after contract execution.

b. The County shall reserve a contract retainage of five (5) percent of every invoice in accordance with chapter 60.28 RCW. The County shall promptly release any retained percentage withheld if after sixty (60) calendar days of final completion and acceptance of all contract work, no liens or claims are filed against the project, and after receipt of the Department of Revenue's Certificate designating taxes due or to become due are discharged and receipt by the County of an "Affidavit of Wages Paid."

c. For purposes of the RCW 60.28.011, the term "completion of all contract work" has the same meaning as the "date of final acceptance" under RCW 36.08.010.

d. Neither the County nor the County's Representative shall have an obligation to pay or ensure the payment of money to any subcontractor except as may otherwise be required by law.

e. Payment and performance bonds for this project have been issued by [SURETY COMPANY NAME], Street address: [ADDRESS], City: [CITY], Telephone: [PHONE NUMBER], Contact Person: [CONTACT PERSON], in the amount of [BOND AMOUNT].

## **11. HOLD HARMLESS AND INDEMNIFICATION**

To the fullest extent permitted by law, the Contractor shall indemnify, defend, and hold harmless Kitsap County and its elected and appointed officials, officers, employees, and agents (collectively "Indemnitees") from and against all Claims resulting from or arising out of the performance of the Contract, whether such Claims arise from the acts, errors, or omissions of the Contractor, its Personnel, third parties, or anyone directly or indirectly employed by any of them, or anyone for whose acts, errors, or omissions for which any of them may be liable. It is the specific intent of the parties that the Indemnitees shall, in all instances except Claims arising from the sole negligence or willful misconduct of the Indemnitees, be indemnified by the Contractor from and against any and all Claims.

With regard to any Claim against any Indemnitee by any of the Contractor's Personnel, or anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, the Contractor's indemnification obligation shall not be limited in any way by a limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or the Contractor's Personnel under workers compensation acts, disability benefit acts, or other employee benefit acts. Solely for the purposes of this indemnification provision, the Contractor expressly waives its immunity under Title 51 RCW (Industrial Insurance) and acknowledges this waiver was mutually negotiated by the parties.

Should a court of competent jurisdiction determine the Contract is subject to RCW 4.24.115, then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the Contractor and the County, its officers, officials, employees, and agents, the Contractor's liability hereunder, including the duty and cost to defend, will be only to the extent of the Contractor's negligence.

"Claim" means all losses, claims, suits, actions, liabilities, damages, demands, judgments, settlements, expenses, fines, or other liabilities of any kind or nature whatsoever, including without limitation, all costs including costs of Claim processing, investigation, reasonable attorneys' fees, consequential damages, and punitive damages, for any personal or bodily injury, sickness, disease, disability, or death, or loss or damage to tangible or intangible business or property, including the loss of use. Claim includes any infringement, violation, or misappropriation of copyright, patent, trademark, or other proprietary rights of any third parties.

Obligations/Notice of Claim. The County will provide the Contractor notice of the assertion of liability by a third party that may give rise to a Claim by the County against the Contractor based on the indemnity contained herein. The Contractor shall respond to the County's tender of defense of a claim in writing within fourteen (14) calendar days from the notice date and will advise the County if the Contractor accepts or denies tender of the claim. The County may in its discretion withhold all or part of any payment due the Contractor under the Contract until the Contractor responds to such notice. The Contractor shall keep the County timely and fully informed through all stages of the defense and promptly respond to and comply with the County's requests for information. The County at all times reserves the right but has no obligation to participate in the defense and settlement of any Claim. Such participation shall not constitute a waiver of the Contractor's indemnity and defense obligations under the Contract. The Contractor shall not settle or compromise any Claim in any manner that imposes any obligations upon the County without the prior written consent of the County. The Contractor shall promptly advise the County of any occurrence or information known to the Contractor that could reasonably result in a Claim against

the County. The violation of any provisions of this section, including improper refusal to accept tender, is a material breach.

## 12. INSURANCE

Contractor agrees to comply with the insurance requirements described below.

- a. Minimum Insurance Required. The Contractor and its subcontractors, if any, shall procure and maintain, until all of Contract obligations have been fully discharged, including any warranty period, all insurance required in this Section with an insurance company duly licensed in Washington State with an A.M. Best Company ratings of not less than A-VIII and a category rating of not less than "8", with policies and forms satisfactory to the County. Use of alternative insurers requires prior written approval from the County. Coverage limits shall be at minimum the limits identified in this Section, or the limits available under the policies maintained by the Contractor without regard to the Contract, whichever is greater.
- b. Professional Liability. (Check one of the following options):
- Not applicable.
  - Not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. Coverage will apply to liability for professional error, act or omission arising out of or in connection with the Contractor's Services under the Contract. The coverage shall not exclude bodily injury, property damage, or hazards related to the work rendered as part of the Contract or within the scope of the Contractor's services under the Contract, including testing, monitoring, measuring operations, or laboratory analysis where such Services are rendered under the Contract.
- c. Commercial General Liability ("CGL"). Not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. Coverage shall include personal injury, bodily injury, and property damage for premise-operations liability, products/completed operations, personal/advertising injury, contractual liability, independent contractor liability, and stop gap/employer's liability. Coverage shall not exclude or contain sub-limits less than the minimum limits required herein, without the prior written approval of the County. The certificate of insurance for the CGL policy shall expressly cover the indemnification obligations required by the Contract.
- d. Automobile Liability. (Check one of the following options):
- Contractor shall maintain personal automobile insurance on all vehicles used for Contract purposes as required by law.
  - Not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. Coverage shall include liability for any and all owned, hired, and non-owned vehicles. Coverage may be satisfied with an endorsement to the CGL policy.
  - Not less than \$100,000 per occurrence and \$300,000 annual aggregate. If a personal automobile liability policy is used to meet this requirement, it must include a business rider and cover each vehicle to be used in the performance of the Contract. If the Contractor will use non-owned vehicles in performance of the Contract, the coverage shall include owned, hired, and non-owned automobiles.

- e. Umbrella or Excess Liability. The Contractor may satisfy the minimum liability limits required for the CGL and Automobile Liability under an Umbrella or Excess Liability policy. There is no minimum per occurrence limit of liability under the Umbrella or Excess Liability; however, the annual aggregate limit shall not be less than the highest "Each Occurrence" limit for either CGL or Automobile Liability. The Contractor agrees to an endorsement naming the County as an additional insured as provided in Section 7, unless the Umbrella or Excess Liability provides coverage on a "Follow-Form" basis.
- f. Workers' Compensation and Employer Liability. If applicable, the Contractor shall maintain workers' compensation insurance as required under the Title 51 RCW (Industrial Insurance), for all Contractor's Personnel eligible for such coverage. If the Contract is for over \$50,000, then the Contractor shall also maintain employer liability coverage with a limit of not less than \$1,000,000.
- g. Primary, Non-Contributory Insurance/Subcontractors. The Contractor's and its subcontractors' insurance policies and additional named insured endorsements will provide primary insurance coverage and be non-contributory. Any insurance or self-insurance programs maintained or participated in by the County will be excess and not contributory to such insurance policies. All Contractor's and its subcontractors' liability insurance policies must be endorsed to show as primary coverage. The Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All subcontractors shall comply with all insurance and indemnification requirements herein.
- h. Review of Policy Provisions. Upon request, the Contractor shall provide a full and complete copy of all requested insurance policies to the County. The County reserves the right without limitation, but has no obligation to revise any insurance requirement, or to reject any insurance policies that fail to meet the requirements of the Contract. The County also has the right, but no obligation to review and reject any proposed insurer providing coverage based upon the insurer's financial condition or licensing status in Washington. The County has the right to request and review the self-insurance retention limits and deductibles, and the Contractor's most recent annual financial reports and audited financial statements, as conditions of approval. Failure to demand evidence of full compliance with the insurance requirements or failure to identify any insurance deficiency shall not relieve the Contractor from, nor be construed or deemed a waiver, of its obligation to maintain all the required insurance at all times as required herein.
- i. Waiver of Subrogation. In consideration of the Contract award, the Contractor agrees to waive all rights of subrogation against the County, its elected and appointed officials, officers, employees, and agents. This waiver does not apply to any policy that includes a condition that expressly prohibits waiver of subrogation by the insured or that voids coverage should the Contractor enter into a waiver of subrogation on a pre-loss basis.
- j. Additional Insured, Endorsement, and Certificate of Insurance. All required insurance coverage, other than the workers' compensation and professional liability, shall name the County, its elected and appointed officials, officers, employees, and agents, as additional insureds and be properly endorsed for the full available limits of coverage maintained by the Contractor and its subcontractors. Endorsement is not required if the Contractor is a self-insured government entity, or insured through a government risk pool authorized by Washington State.

The Certificate of Insurance and endorsement shall identify the Contract number and shall require not less than thirty (30) days' prior notice of termination, cancellation, nonrenewal, or reduction in coverage. At the time of execution, the Contractor shall provide the Certificate of Insurance, endorsement, and all insurance notices to: Risk Management Division, Kitsap County Department of Administrative Services, 614 Division Street, MS-7, Port Orchard, WA 98366.

- k. No Limitation on Liability. The coverage limits identified herein are minimum requirements only and will not in any manner limit or qualify the liabilities or obligations of the Contractor under the Contract. All insurance policy deductibles and self-insured retentions for policies maintained under the Contract shall be paid by the Contractor. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the County, its elected and appointed officials, officers, employees, or agents. The Contractor's insurance shall apply separately to each insured against whom a claim is made or suit is brought, subject to the limits of the insurer's liability.
- l. Claims-Made. If the Contractor's liability coverage is written as a claims-made policy, the Contractor shall purchase an extended-reporting period or "tail" coverage for a minimum of three (3) years following completion of the performance or attempted performance of the provisions of this Contract.

### **13. WARRANTY**

The Contractor shall warranty all work as required in the Specifications. Further, the Contractor shall ensure that for any equipment, material, or item installed under this Agreement, the County will be a beneficiary of any and all warranties that are furnished as a customary trade practice and that installation will not void any such warranty. To effect this arrangement, all subcontracts executed in performance of this Agreement shall include the following language:

This contract is for the benefit of the County Courthouse which is owned by Kitsap County. Kitsap County is therefore hereby made a third-party beneficiary to this contract and is entitled to the rights and benefits hereunder and may enforce the provisions hereof as if it were a party hereto.

### **14. TERMINATION**

This contract may be terminated by the officials or agents of the County authorized to contract for or supervise the execution of such work.

The County may terminate this Contract in whole or in part whenever the County determines, in its sole discretion, that such termination is in the best interests of the County. The County may terminate this Contract upon giving ten (10) calendar days written notice by Certified Mail to the Contractor. In that event, the County shall pay the Contractor for all cost incurred by the Contractor in performing the Contract up to the date of such notice. Payment shall be made in accordance with this Contract.

In the event that funding for this project is withdrawn, reduced or limited in any way after the effective date of this Contract, the County may summarily terminate this Contract notwithstanding any other termination provision of this Contract. Termination under this paragraph shall be effective upon the date specified in the written notice of termination sent by the County to the Contractor. After the effective date, no charges incurred under this Contract are allowable.

Termination of this Contract shall not relieve the Contractor of any responsibilities under the Contract for work performed. Nor shall termination of the Contract relieve the Surety or Sureties of obligations under the Performance and Payment Bond or any Retainage Bond for work performed.

If the Contractor breaches any of its obligations hereunder, and fails to cure the breach within ten (10) calendar days of written notice to do so by the County, the County may terminate this Contract, in which case the County shall pay the Contractor only for the costs of work performed and accepted by the County. Upon such termination, the County, at its discretion, may obtain performance of the work elsewhere, and the Contractor shall bear all costs and expenses incurred by the County in completing the work and all damage sustained by the County by reason of the Contractor's breach.

#### **15. NON-WAIVER OF RIGHTS**

The parties agree that the excuse or forgiveness of performance or waiver of any provisions of this Contract does not constitute a waiver of such provisions for future performance, or prejudice the right of the waiving party to enforce any of the provisions of this Contract at a later time.

#### **16. INDEPENDENT CONTRACTOR**

The Contractor shall perform this Contract as an Independent Contractor and not as an agent, employee or servant of the County. The parties agree that the Contractor is not entitled to any benefits or rights enjoyed by employees of the County. Contractor shall comply with all laws regarding workers' compensation.

The Contractor specifically has the right to direct and control Contractor's own activities in providing the agreed services in accordance with the specifications set out in this Contract. Furthermore, the Contractor shall have and maintain complete responsibility and control over all of its subcontractors, employees, agents, and representatives. No subcontractor, employee, agent, or representative of the Contractor shall be or deem to be or act or purport to act as an employee, agent, or representative of the County, unless otherwise directed by the terms of this Contract.

The Contractor agrees to immediately remove any of its employees or agents from assignment to perform services under this Contract upon receipt of a written request to do so from the County's Representative or designee.

#### **17. NONDISCRIMINATION**

The Contractor, its assignees, delegates, or subcontractors in the performance of this Contract shall not discriminate against any person on the basis of race, color, creed, religion, national origin, age, sex, marital status, sexual orientation, veteran status, disability, or other circumstance prohibited by federal, state, or local law, and shall comply with Title VI of the Civil Rights Act of 1964, P.L. 88 354 and Americans with Disabilities Act of 1990.

#### **18. CHOICE OF LAW, JURISDICTION AND VENUE**

Any action at law, suit in equity, or other judicial proceeding for the enforcement of this contract or any provisions thereof shall be instituted as provided for in RCW 36.01.050. It is mutually understood and agreed that this contract shall be governed by the laws of the State of Washington, both as to interpretation and performance.

## **19. SUCCESSORS AND ASSIGNS**

The County, to the extent permitted by law, and the Contractor each bind themselves, their partners, successors, executors, administrators, and assigns to the other Party to this Contract and to the partners, successors, administrators, and assigns of such other party in respect to all covenants of this Contract.

## **20. ASSIGNMENT, DELEGATION, AND SUBCONTRACTING**

- a. The Contractor shall perform the terms of the contract using only its bona fide employees or agents, and the obligations and duties of the Contractor under this Contract shall not be assigned, delegated, or subcontracted to any other person or firm without the prior express written consent of the County.
- b. The Contractor warrants that it has not paid nor has it agreed to pay any company, person, partnership, or firm, other than a bona fide employee working exclusively for Contractor, any fee, commission, percentage, brokerage fee, gift, or other consideration contingent upon or resulting from the award or making of this Contract.

## **21. SEVERABILITY**

If a court of competent jurisdiction holds any part, term or provision of this Contract to be illegal, or invalid in whole or in part, the validity of the remaining provisions shall not be affected, and the parties' rights and obligations shall be construed and enforced as if the Contract did not contain the particular provision held to be invalid.

If it should appear that any provision of this Contract is in conflict with any statutory provision of the United States or the State of Washington, said provision which may conflict therewith shall be deemed inoperative and null and void insofar as it may be in conflict therewith, and shall be deemed modified to conform to such statutory provision.

## **22. ENTIRE AGREEMENT**

The parties agree that this Contract is the complete expression of its terms and conditions. Any oral or written representations or understandings not incorporated in this Contract are specifically excluded.

## **23. NOTICES**

Any notices, demands and other communications required by the Contract will be effective if personally served upon the other party representative or if mailed by registered or certified mail, postage prepaid, return receipt requested, to the other party's representative identified in Section 3 at the address therein, or if emailed (with read receipt) to the other Party's representative at the email address therein. Notice will be deemed to be given three (3) days following the date of mailing, or immediately if personally served. For service by email, service will be effective upon confirmation of receipt or three (3) days after mailing the original.

## **24. MODIFICATION**

All amendments or modifications shall be in writing, signed by both parties consistent with Kitsap County Code, and attached to this Contract.

**25. COMPLIANCE WITH LAWS**

The Contractor shall comply with all applicable federal, state and local laws, rules and regulations in performing this Contract.

**26. COMPLIANCE WITH PUBLIC RECORDS ACT**

Contractor acknowledges that the County is subject to the Public Records Act, chapter 42.56 RCW ("Act"). All records owned, used, or retained by the County are public records subject to disclosure unless exempt under the Act, whether or not such records are in the possession or control of the County or Contractor. Contractor shall cooperate with the County so County may comply with all of its obligations under the Act. Contractor shall promptly provide County with all records relating to this Agreement requested by County for purposes of complying with the Act at no cost to the County. With the exception of this Contract, if the Contractor considers any portion of any record, electronic or hard copy, to be protected from disclosure under the Act the Contractor shall clearly label or identify all specific information it claims to be confidential or proprietary. If the County receives a request under the Act to inspect or copy proprietary information that has been identified by the Contractor as protected from disclosure and the County determines that release of the information is required by the Act or otherwise appropriate, the County's sole obligation will be to make a reasonable effort to notify the Contractor of the request and the date that such protected information will be released unless the Contractor obtains a court order to enjoin disclosure pursuant to RCW 42.56.540. If the contractor fails to timely obtain a court order enjoining disclosure, the County will release the requested information on the date specified. The County has no obligation on behalf of the Contractor to claim any exemption from disclosure under the Act. The County will not be liable to the Contractor for releasing records pursuant to the Act.

**27. RECORDS RETENTION**

The Contractor and its Personnel shall retain all books, documents, and records relating to performance of the Contract and Services provided in connection with this Contract for six (6) years after completion of the Contract or longer if requested by the County. All records shall be subject to inspection and audit by the County at no cost to the County. Upon request, the Contractor shall promptly make available to the County a legible copy of all books, documents, and records at no cost to the County. In addition to its other indemnification and defense obligations under this Agreement, Contractor shall indemnify and defend the County from and against any and all losses, penalties, fines, claims, demands, expenses (including, but not limited to, attorney's fees and litigation expenses), suits, judgments, or damage arising from or relating to any failure of Contractor to comply with this subsection. This subsection shall survive expiration or termination of the Agreement.

**28. AUTHORIZATION**

Each party signing below warrants to the other party, that they have the full power and authority to execute this Agreement on behalf of the party for whom they sign.

Dated this \_\_\_\_ day of \_\_\_\_\_, 2026

Dated this \_\_\_\_ day of \_\_\_\_\_, 2026

**CONTRACTOR NAME**

**BOARD OF COUNTY COMMISSIONERS  
KITSAP COUNTY, WASHINGTON**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
**COMMISSIONER, CHAIR**

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
**COMMISSIONER, COMMISSIONER**

\_\_\_\_\_  
Title

\_\_\_\_\_  
**COMMISSIONER, COMMISSIONER**

\_\_\_\_\_  
Contractor Registration No.

**ATTEST:**

\_\_\_\_\_  
Federal Tax ID No.

\_\_\_\_\_  
**KIRSTEN JEWELL, CLERK OF THE BOARD**

**END OF CAPITAL PROJECTS CONTRACT AGREEMENT**

**PUBLIC WORKS PAYMENT BOND  
TO KITSAP COUNTY, WA**

**Bond No. \_\_\_\_\_**

Kitsap County, Washington, (County) has awarded to [CONTRACTOR] (Principal), a contract for the construction of the project designated as [PROJECT NAME] Kitsap County Contract No. KC-XXX-XX, in Kitsap County, Washington (Contract), and said Principal is required under the terms of that Contract to furnish a payment bond in accord with Title 39.08 Revised Code of Washington (RCW) and (where applicable) 60.28 RCW.

The Principal, and [SURETY NAME] (Surety), a corporation organized under the laws of the State of [STATE] and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and severally held and firmly bound to the County, in the sum of [CONTRACT AMOUNT IN WORDS] US Dollars (\$[CONTACT AMOUNT IN NUMBERS]) Total Contract Amount, subject to the provisions herein.

This statutory payment bond shall become null and void, if and when the Principal, its heirs, executors, administrators, successors, or assigns shall pay all persons in accordance with RCW Titles 60.28, 39.08 and 39.12 including all workers, laborers, mechanics, subcontractors, and material suppliers, and all persons who shall supply such contractor or subcontractor with provisions and supplies for the carrying on of such work; and if such payment obligations have not been fulfilled, this bond shall remain in full force and effect.

The Surety agrees to indemnify, defend, and protect the County against any claim of direct or indirect loss resulting from the failure of the Principal, its heirs, executors, administrators, successors, or assigns, (or the subcontractors or lower tier subcontractors of the Principal) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, materialpersons, and all persons who shall supply such contractor or subcontractors with provisions and supplies for the carrying on of such work.

The Surety for value received agrees that no change, extension of time, alteration or addition to the terms of the Contract, the specifications accompanying the Contract, or to the work to be performed under the Contract shall in any way affect its obligation on this bond, except as provided herein, and waives notice of any change, extension of time, alteration or addition to the terms of the Contract or the work performed. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

This bond may be executed in two (2) original counterparts, and shall be signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed and original power of attorney for the officer executing on behalf of the surety. The Surety agrees to be bound by the laws of the State of Washington and subjected to the jurisdiction of the State of Washington.

<b>PRINCIPAL</b>	<b>SURETY</b>
_____	_____
Principal Signature	Surety Signature
Date	Date
_____	_____
Printed Name	Printed Name
_____	_____
Title	Title

Name, address, and telephone of local office/agent of Surety Company are:

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## PREVAILING WAGE

1. **GENERAL COMPLIANCE.** Contractor shall comply with all prevailing wage requirements of RCW 39.12 and WAC 296-127, including RCW 39.12.020 and WAC 296-127-023 (Building Service Maintenance), if applicable. Contractor shall not pay less than the prevailing hourly rate of wage. Contractor certifies it is not a debarred entity or a "substantially identical" successor under RCW 39.12.010. Contractor pays all filing fees.
2. **WAGE DETERMINATION.** The applicable prevailing wage rates shall be determined in accordance with WAC 296-127-011 and WAC 296-127-023, as applicable. The rates shall be those in effect for the locality where the work is performed on the date required by these regulations and shall be updated as required by law. Link to Rates: <https://lni.wa.gov/licensing-permits/public-works-projects/prevailing-wage-rates/>
3. **MANDATORY TRAINING.** Contractor certifies completion of L&I-approved public works and prevailing wage training. Contractor shall verify subcontractor compliance before work begins. This requirement is waived ONLY if Contractor has (i) held a WA business license for 3 or more years, and (ii) has completed 3 or more WA public works projects. RCW 39.04.350
4. **POSTING REQUIREMENTS (RCW 39.12.020)**
  - a. Contracts over \$10,000: Contractor shall post in a location readily visible to workers at the job site: A copy of the "Statement of Intent to Pay Prevailing Wages" approved by the Department of Labor and Industries (L&I), and address/telephone number of the Industrial Statistician of L&I where a complaint or inquiry concerning prevailing wages may be made.
  - b. Exceptions for Mobile/Utility Projects: On road construction, sewer line, pipeline, transmission line, street, or alley improvement projects with no field office, Contractor may post the prevailing rate of wage statement at Contractor's local office, gravel crushing, concrete, or asphalt batch plant, provided Contractor provides a copy of the wage statement to any employee on request. RCW 39.12.020.
5. **STATEMENT OF INTENT AND AFFIDAVIT OF WAGES PAID**
  - a. Payment Approval: Contractor and subcontractors shall file a "Statement of Intent to Pay Prevailing Wages" with L&I. No payment will be made until County verifies the Intents are approved by L&I. RCW 39.12.040.
  - b. Contracts over \$10,000: Contractor's Statement of Intent must include their registration number, the prevailing wage for each classification of workers entitled to prevailing wage, and the estimated number of workers in each classification. RCW 39.12.040(1)(a)
  - c. Final Payment/Retainage: Following final acceptance, an Affidavit of Wages Paid must be submitted to L & I before final funds are released.
  - d. Final Payment for Projects over \$35,000: County shall file a Notice of Completion; retained funds will be released only after the 60-day lien period and Certificates of Release are issued by DOR, Employment Security, and L&I. RCW 60.28.051, RCW 60.28.011.
  - e. Final Payment for Projects \$35,000 or less (or no retainage): Contractor and all subcontractors shall file an Affidavit of Wages Paid with L&I. Final payment will not be disbursed until County verifies L&I approval of all Affidavits. RCW 39.12.040; RCW 60.28.051.
  - f. Prior to Performance. No contractor or subcontractor shall begin performance of any work on a public works project until the County has received a 'Statement of Intent to Pay Prevailing Wages' approved by L&I.

6. CERTIFIED PAYROLL REPORTS

- a. Weekly Filing: Contractor and every subcontractor shall electronically submit weekly certified payroll reports for all prevailing wage work performed directly to L&I through the online Prevailing Wage Intent & Affidavit (PWIA) system.
  - b. Payment Verification: County will not issue payment until compliance with this filing requirement is verified. RCW 39.12.120
7. ALTERNATIVE PROCEDURE. For projects of \$5,000 or less (including tax) with no subcontractors, the County may authorize the "Combined Intent and Affidavit" electronic filing procedure pursuant to RCW 39.12.040(2).

Form A14 Attachment C – Prevailing Wage (Rev 2026.05.26)



# DIVISION 2 – TECHNICAL SPECIFICATIONS

PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION  
PROJECT No. PR001386 CPA

KITSAP COUNTY, WASHINGTON  
MAY 2026

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## **INTRODUCTION TO THE SPECIAL PROVISIONS AND SUPPLEMENTARY SPECIFICATIONS**

### ***SPECIAL PROVISIONS***

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2026 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter “Standard Specifications”). The Standard Specifications, as modified or supplemented by these Special Provisions, all of which are made a part of the Contract Documents, shall govern all the Work.

Each Provision either supplements, modifies, or replaces the comparable Standard Specification, or is a new Provision. The deletion, amendment, alteration, or addition to any subsection or portion of the Standard Specifications is meant to pertain only to that particular portion of the section, and in no way should it be interpreted that the balance of the section does not apply.

### ***SUPPLEMENTARY SPECIFICATIONS***

The specifications also include Construction Specification Institute (CSI) formatted specifications Divisions 1 to 40 (6-digit format). The CSI specifications are supplemental to the WSDOT Special Provisions and WSDOT standards.

Also incorporated into the Contract Documents by reference are:

1. *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted edition, with Washington State modifications, if any.
2. *Standard Plans for Road, Bridge and Municipal Construction, WSDOT/APWA, current edition*.
3. *Stormwater Management Manual for Western Washington, State of Washington Department of Ecology, Pub. No. 24-10-013, July 2024*.

Contractor shall obtain copies of these publications, at Contractor’s own expense.

**END OF INTRODUCTION**

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## 01 11 00 SUMMARY OF THE WORK

### PART 1 - GENERAL

#### 1.01 CONTRACT DESCRIPTION

*Project includes the demolition of one and two story residential single-family structures and misc. walls and foundations in Port Orchard, WA. A hazardous materials assessment has been completed for each structure, and some abatement will be required as part of the work. Some structures still have interior furnishings. Work will include all labor, materials, and permitting to install erosion and sediment control devices; remove of all vegetation from the site; cap and abandon water and sewer connections at the property line in accordance with City of Port Orchard standards; abandon private utility connections in accordance with respective utility provider standards; remove complete building structure including all pavement and structural foundations, hazardous materials abatement, and furnishings removal and disposal; grade the site using existing soils to match adjacent properties and safely convey water to the historic discharge location; and stabilize site soils using hydroseed.*

#### 1.02 WORK LOCATION

A. Properties included in the work are located in the City of Port Orchard, Kitsap County, and include:

1. 803 Cline Ave
2. 807 Cline Ave
3. 702 Taylor St
4. 706 Taylor St
5. 809 Austin Ave
6. 815 Austin Ave
7. 612 Sidney Ave
8. 704 Sidney Ave
9. 802 Sidney Ave
10. 808 Sidney Ave
11. 810 Sidney Ave
12. 816 Sidney Ave
13. 818 Sidney Ave

#### 1.03 SITE ACCESS

- A. The Contractor's access to the jobsite shall be coordinated with the Engineer prior to the Notice to Proceed. Once the Notice to Proceed has been issued, the Owner will provide keys for all properties.
- B. The Contractor shall not mobilize until Notice to Proceed has been issued.

#### 1.04 HOURS OF WORK

- A. Regular construction work shall be performed between the hours of 7:00 a.m. and 7:00 p.m., on weekdays.
- B. Work shall not be performed on Saturdays, Sundays or Owner holidays without prior approval from the Engineer. Owner-recognized holidays are as follows:
1. New Year's Day – January 1
  2. Dr. Martin Luther King, Jr. Day – First Monday after January 15
  3. President's Day – Third Monday in February

4. Memorial Day – Last Monday in May
5. Juneteenth – June 19
6. Independence Day – July 4
7. Labor Day – First Monday in September
8. Veterans Day – Second week in November
9. Thanksgiving Day, fourth Thursday in November
10. Christmas Day – December 25

- C. Exceptions to the above hours of work will be permitted only upon written authorization from the Engineer.

#### 1.05 HAZARDOUS MATERIALS

- A. A Pre-Demolition Asbestos & Lead Paint Survey was conducted for each structure to be demolished. Surveys are included in Division 4, Supplementary Information.

#### 1.06 RECYCLING OF MATERIALS

- A. In accordance with RCW 39.04.135, materials from demolition projects shall be recycled or reused whenever practicable.

#### 1.07 PERMITS

- A. Construction Erosion and Sediment Control Permit

1. The Owner has submitted the Notice of Intent and has received approval for coverage under the General Construction and Erosion Control permit as issued by the Washington Department of Ecology. The Contractor will assume this permit as part of the work and will become the permittee and signatory, assuming all responsibility for permit inspections and compliance.

- B. The Owner has submitted and received approved demolition permits from the City of Port Orchard Building Department for each structure. The Contractor shall be responsible for ensuring compliance with all permit terms, conditions, and requirements.

- C. Streets surrounding the project site are under the jurisdiction of the City of Port Orchard. The Contractor is responsible for acquiring any right-of-way permits necessary to complete the work. The Contractor is responsible for complying with any traffic control as required by the permit to complete the work.

- D. All costs associated with additional permit applications, implementation and compliance shall be incidental to the units of work as shown on the bid form.

#### 1.08 TEMPORARY STORAGE OF MATERIALS AND LAYDOWN AREA

- A. Refer to WSDOT Standard Specifications for storage provisions.

- B. The Contractor may use open space within the work site for storage of equipment and materials subject to Owner approval. A site plan detailing the materials storage and laydown area shall be submitted to the Owner before use of the site.

- C. Material storage and laydown areas shall be in compliance with WSDOT Standard Specifications, Section 8-01 "Erosion Control and Water Pollution Control", and the erosion and sediment control measures as shown on the drawings.

- D. The Contractor is responsible for modifying the Construction Erosion and Sediment Control permit as necessary to accommodate implementation and changes to the storage and laydown yard.

**PART 2 - PRODUCTS**

Not Used

**PART 3 - EXECUTION**

Not Used

**PART 4 - MEASUREMENT AND PAYMENT**

**4.01** Payment for work included in this section is incidental to the lump sum units of work as indicated on the bid form.

**END OF SECTION 01 11 00**

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## SECTION 02 41 16 STRUCTURE DEMOLITION

### PART 1 - GENERAL

#### 1.1 Related Requirements:

- A. Section 01 10 00 "Summary" for use of the premises and phasing requirements.
- B. Section 01 32 00 "Construction Progress Documentation" for preconstruction photographs taken before building demolition.
- C. WSDOT Standard Specifications, Section 3-01.3(1) & (2) "Clearing" and "Grubbing" respectively, for site clearing and removal of above- and below-grade vegetation.
- D. WSDOT Standard Specifications, Section 3-02 "Removal of Structures and Obstructions" for removal of above- and below-grade site improvements not part of building demolition.

#### 1.2 DEFINITIONS

- A. Remove: Detach items from existing construction and dispose of them off-site unless indicated to be salvaged.
- B. Remove and Salvage: Detach items from existing construction, in a manner to prevent damage, and deliver to Owner ready for reuse, or store as directed by Owner. Include fasteners or brackets needed for reattachment elsewhere.

#### 1.3 MATERIALS OWNERSHIP

- A. Unless otherwise indicated, demolition waste becomes property of Contractor.

#### 1.4 RECYCLING OF MATERIALS

- A. In accordance with RCW 39.04.135, materials from demolition projects shall be recycled or reused whenever practicable.

#### 1.5 SALVAGE

- A. Historic items, relics, antiques, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, and other items of interest or value to Owner that may be uncovered during demolition remain the property of Owner.
  - 1. Carefully salvage in a manner to prevent damage and promptly return to Owner.
  - 2. Conform with WSDOT Standard Specifications, Section 1-07.16(4) "Archaeological and Historical Objects" if objects of historical significance are discovered as part of the work.

#### 1.6 COORDINATION

- A. Arrange demolition schedule so as not to interfere with Owner's on-site operations or

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operations of adjacent occupied buildings.

## 1.7 PREINSTALLATION MEETINGS

- A. Pre-Demolition Conference: Conduct conference at Project site.
  - 1. Inspect and discuss condition of construction to be demolished.
  - 2. Review and finalize building demolition schedule and verify availability of demolition personnel, equipment, and facilities needed to make progress and avoid delays.
  - 3. Review and finalize protection requirements.
  - 4. Review procedures for noise control and dust control.
  - 5. Review procedures for protection of adjacent buildings.
  - 6. Review items to be salvaged and returned to Owner.

## 1.8 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For refrigerant recovery technician (as needed), and certified asbestos/hazardous waste abatement contractor.
- B. Proposed Protection Measures: Submit report, including Drawings, that indicates the measures proposed for protecting individuals and property, for environmental protection, for dust control, and for noise control. Indicate proposed locations and construction of barriers.
- C. Schedule of Building Demolition Activities: Indicate the following:
  - 1. Detailed sequence of demolition work, with starting and ending dates for each activity.
  - 2. Shutoff and capping or re-routing of existing utility services.
  - 3. Pre-Demolition Photographs or Video: Show existing conditions of adjoining properties, right of way improvements and site improvements, including finish surfaces, that might be misconstrued as damage caused by salvage and demolition operations. Submit before the Work begins.
  - 4. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all on-site refrigerant was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.
  - 5. Statement of Asbestos/Hazardous Waste Abatement and Disposal: Signed by asbestos/hazardous waste abatement company responsible for removing and disposing all hazardous materials and that removal and disposal was performed according to EPA regulations. Include name and address of abatement contractor, supervisor, and dates and locations of disposal.

## 1.9 CLOSEOUT SUBMITTALS

- A. Inventory: Submit a list of items that have been removed and salvaged.

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## 1.10 QUALITY ASSURANCE

- A. Refrigerant Recovery Technician Qualifications: Certified by EPA-approved certification program.
- B. Asbestos/Hazardous Waste Abatement Worker Qualifications: Certified by EPA-approved certification program.

## 1.11 FIELD CONDITIONS

- A. Buildings to be demolished will be vacated and their use discontinued before start of the Work.
- B. Buildings immediately adjacent to demolition area will be occupied. Conduct building demolition so operations of occupied buildings will not be disrupted.
- C. Provide not less than 5 working days' notice of activities that will affect operations of adjacent occupied buildings.
- D. Maintain access to existing walkways, exits, and other facilities used by occupants of adjacent buildings.
- E. Do not close or obstruct walkways, exits, or other facilities used by occupants of adjacent buildings without written permission from authorities having jurisdiction.
- F. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.
- G. Hazardous Materials (Asbestos, Lead, and other Hazardous Materials)
  - 1. Contractor is responsible for removal and disposal of asbestos, lead, and other hazardous materials that may be encountered as part of the work. Contractor shall employ trained and certified workers for removal and abatement of hazardous material(s).
  - 2. A Pre-Demolition Asbestos & Lead Paint Survey was conducted for each structure to be demolished. Surveys are attached in Division 4, Supplementary Information.
  - 3. Asbestos-containing materials are required to be removed and disposed of in accordance with Washington State Regulations prior to any demolition, renovation, or remodeling that would disturb these materials. Washington State Department of Labor and Industries and PSCAA require that the abatement be performed using Certified Asbestos Workers under the direct on-site supervision of a Certified Asbestos Supervisor.
  - 4. Disturbance of materials coated with lead-containing paint must be conducted in accordance with worker protection requirements in WAC 296-155, Lead in Construction.
  - 5. Contractor shall make available copies of the Pre-Demolition Asbestos & Lead Paint Survey's at the Project site for the duration of the Work.
  - 6. Contractor shall communicate to all subcontractors of the materials sampled and the laboratory results as noted in the written documentation provided by the Owner.

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- 7. Contractor and subcontractors are responsible for notifying the Owner should they discover suspected hazardous materials not documented as being previously sampled that may impact the Work.
  - H. On-site storage or sale of removed items or materials is not permitted.

## PART 2 – PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- B. Standards: Comply with ANSI/ASSE A10.6 and NFPA 241.

### 2.2 SOIL MATERIALS

- A. Satisfactory Soils: Comply with requirements in WSDOT Standard Specifications, Section 3-03 "Roadway Excavation and Embankment."

## PART 3 – EXECUTION

### 3.1 EXAMINATION

- A. Verify that utilities have been disconnected and capped before starting demolition operations. See drawings for details on water and sewer service connection abandonment.
- B. Review interior and exterior of each structure and property within the scope of work to validate level of effort necessary for complete removal of existing improvements.
- C. Verify that hazardous materials have been remediated before proceeding with building demolition operations.
- D. Inventory and record the condition of items to be removed and salvaged.

### 3.2 PREPARATION

- A. Refrigerant: Before starting demolition, remove refrigerant from mechanical equipment according to 40 CFR 82 and regulations of authorities having jurisdiction.
- B. Salvaged Items: Comply with the following:
  - 1. Clean salvaged items of dirt and demolition debris.
  - 2. Pack or crate items after cleaning. Identify contents of containers.
  - 3. Store items in a secure area until delivery to Owner.
  - 4. Transport items to storage area designated by Owner.
  - 5. Protect items from damage during transport and storage.

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### 3.3 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

- A. Existing Utilities to be Disconnected: Locate, identify, disconnect, and seal or cap off utilities serving buildings and structures to be demolished.
1. Arrange to shut off utilities with utility companies.
  2. If removal, relocation, or abandonment of utility services will affect adjacent occupied buildings, then provide temporary utilities that bypass buildings and structures to be demolished and that maintain continuity of service to other buildings and structures.
  3. Abandon water and sewer services as indicated on the drawings. For all other buried pipe or conduit, cut off pipe or conduit a minimum of 24 inches (610 mm) below grade. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing according to requirements of authorities having jurisdiction.
  4. Do not start demolition work until utility disconnecting and sealing have been completed and verified in writing.

### 3.4 PROTECTION

- A. Existing Facilities: Protect adjacent walkways, loading docks, building entries, and other building facilities during demolition operations. Maintain exits from existing buildings.
- B. Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent unexpected movement or collapse of construction being demolished.
- C. Strengthen or add new supports when required during progress of demolition.
- D. Existing Utilities to Remain: Maintain utility services to remain and protect from damage during demolition operations.
1. Do not interrupt existing utilities serving adjacent occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction.
  2. Provide temporary services during interruptions to existing utilities, as acceptable to Owner and authorities having jurisdiction.
  3. Provide at least 5 working days' notice to occupants of affected buildings if shutdown of service is required during changeover.
- E. Temporary Protection: Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction and as indicated.
1. Protect adjacent buildings and facilities from damage due to demolition activities.
  2. Protect existing site improvements, appurtenances, and landscaping to remain.
  3. Erect a plainly visible fence around drip line of individual trees or around perimeter drip line of groups of trees to remain.
  4. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
  5. Provide protection to ensure safe passage of people around building demolition area and to and from occupied portions of adjacent buildings and structures.

- 
6. Protect walls, windows, roofs, and other adjacent exterior construction that are to remain and that are exposed to building demolition operations.
  7. Erect and maintain dustproof partitions and temporary enclosures to limit dust, noise, and dirt migration to occupied portions of adjacent buildings.

- F. Remove temporary barriers and protections where hazards no longer exist. Where open excavations or other hazardous conditions remain, leave temporary barriers and protections in place.

### 3.5 DEMOLITION, GENERAL

#### A. General:

1. Demolish indicated buildings and site improvements completely. Use methods required to complete the Work within limitations of governing regulations and as follows:

- B. Locate building demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.

1. Remove and dispose of all debris greater than 6" in diameter.

#### C. Fire Prevention and Mitigation:

1. Contractor shall execute a Hot Work Permit prior to start of cutting torch work and identify all necessary mitigation strategies to ensure fire events do not occur.
2. Cutting torch work shall be completed by qualified personnel trained in fire prevention and in the use of portable fire-suppression devices.
3. Do not use cutting torches until work area is cleared of flammable materials.
4. Maintain portable fire-suppression devices during flame-cutting operations.
5. Maintain fire watch during and for at least 8 hours after flame-cutting operations.
6. Maintain adequate ventilation when using cutting torches.

- D. Site Access and Temporary Controls: Conduct building demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

1. Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction. Provide alternate routes around closed or obstructed trafficways if required by authorities having jurisdiction.
2. Use water mist and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations. Do not use water when it may damage adjacent construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.

- E. Explosives: Use of explosives is not permitted.

### 3.6 DEMOLITION BY MECHANICAL MEANS

- A. Proceed with demolition of structural framing members systematically, from higher to lower level. Complete building demolition operations above each floor or tier before disturbing supporting members on the next lower level.

- 
- B. Remove debris from elevated portions of the building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
    - 1. Remove structural framing members and lower to ground by method suitable to minimize ground impact and dust generation.
  - C. Below-Grade Construction:
    - 1. Foundation walls and other below-grade construction, or portions thereof, shall be completely removed in their entirety unless otherwise indicated.
  - D. Empty buried tanks located within demolition area. Remove buried tanks, components, and piping from site.
    - 1. Test soils around buried tanks for contamination. Report results to Owner.
  - E. Existing Utilities:
    - 1. Abandon existing utilities and below-grade utility structures as designated on the Drawings.
    - 2. Demolish existing utilities and below-grade utility structures as designated on the Drawings.
    - 3. Fill voids left from demolished and abandoned utility structures with on-site soil materials or recycled pulverized concrete according to backfill requirements in WSDOT Standard Specifications, Section 3-03.3(14) "Embankment Construction."

### 3.7 SITE RESTORATION

- A. Site Grading: Uniformly rough grade area of demolished construction to a smooth surface, free from irregular surface changes. Provide a smooth transition between adjacent existing grades and new grades. See Erosion and Sediment Control Plan in drawings.

### 3.8 REPAIRS

- A. Promptly repair damage to adjacent buildings, landscaping, sidewalks, roads, or other existing infrastructure caused by demolition operations.

### 3.9 DISPOSAL OF DEMOLISHED MATERIALS

- A. Remove demolition waste materials from Project site and recycle or dispose of them according to WSDOT Standard Specifications.
  - 1. Do not allow demolished materials to accumulate on-site.
  - 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- B. Do not burn demolished materials.

### 3.10 CLEANING

- A. Clean adjacent structures and improvements of dust, dirt, and debris caused by building demolition operations. Return adjacent areas to condition existing before building demolition operations began.

- 
1. Clean roadways of debris caused by debris transport.

**PART 4 – MEASUREMENT AND PAYMENT**

- 4.1 Payment for work under this section shall be included in the lump sum unit price for the complete demolition and site clearing of each property, as indicated on the Bid Form.

**END OF SECTION**

## DIVISION 1 GENERAL REQUIREMENTS

### Description of Work

*(March 13, 1995 WSDOT GSP)*

This Contract provides for the Project includes the demolition of one and two story residential single-family structures and misc. walls and foundations in Port Orchard, WA. and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

### 1-01 DEFINITIONS AND TERMS

#### 1-01.3 Definitions

*(January 19, 2022 APWA GSP)*

Delete the heading Completion Dates and the three paragraphs that follow it, and replace them with the following:

#### Dates

##### **Bid Opening Date**

The date on which the Contracting Agency publicly opens and reads the Bids.

##### **Award Date**

The date of the formal decision of the Contracting Agency to accept the lowest responsible and responsive Bidder for the Work.

##### **Contract Execution Date**

The date the Contracting Agency officially binds the Agency to the Contract.

##### **Notice to Proceed Date**

The date stated in the Notice to Proceed on which the Contract time begins.

##### **Substantial Completion Date**

The day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, any remaining traffic disruptions will be rare and brief, and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract.

##### **Physical Completion Date**

The day all of the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date.

##### **Completion Date**

The day all the Work specified in the Contract is completed and all the obligations of the Contractor under the contract are fulfilled by the Contractor. All documentation required by the Contract and required by law must be furnished by the Contractor before establishment of this date.

**Final Acceptance Date**

The date on which the Contracting Agency accepts the Work as complete.

Supplement this Section with the following:

All references in the Standard Specifications or WSDOT General Special Provisions, to the terms “Department of Transportation”, “Washington State Transportation Commission”, “Commission”, “Secretary of Transportation”, “Secretary”, “Headquarters”, and “State Treasurer” shall be revised to read “Contracting Agency”.

All references to the terms “State” or “state” shall be revised to read “Contracting Agency” unless the reference is to an administrative agency of the State of Washington, a State statute or regulation, or the context reasonably indicates otherwise.

All references to “State Materials Laboratory” shall be revised to read “Contracting Agency designated location”.

All references to “final contract voucher certification” shall be interpreted to mean the Contracting Agency form(s) by which final payment is authorized, and final completion and acceptance granted.

**Additive**

A supplemental unit of work or group of bid items, identified separately in the Bid Proposal, which may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.

**Alternate**

One of two or more units of work or groups of bid items, identified separately in the Bid Proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

**Business Day**

A business day is any day from Monday through Friday except holidays as listed in Section 1-08.5.

**Contract Bond**

The definition in the Standard Specifications for “Contract Bond” applies to whatever bond form(s) are required by the Contract Documents, which may be a combination of a Payment Bond and a Performance Bond.

**Contract Documents**

See definition for “Contract”.

**Contract Time**

The period of time established by the terms and conditions of the Contract within which the Work must be physically completed.

**Notice of Award**

The written notice from the Contracting Agency to the successful Bidder signifying the Contracting Agency’s acceptance of the Bid Proposal.

**Notice to Proceed**

The written notice from the Contracting Agency or Engineer to the Contractor authorizing and directing the Contractor to proceed with the Work and establishing the date on which the Contract time begins.

**Traffic**

Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and equestrian traffic.

**1-02 BID PROCEDURES AND CONDITIONS**

**1-02.1 Prequalification of Bidders**

Delete this section and replace it with the following:

**1-02.1 Qualifications of Bidder**

*(February 17, 2026 APWA GSP, Option A)*

Before award of a public works contract, a Bidder must meet at least the minimum qualifications of RCW 39.04.350(1) to be considered a responsible bidder and qualified to be awarded a public works project.

Add the following new section:

**1-02.1(1) Supplemental Qualifications Criteria**

*(July 31, 2017 APWA GSP)*

In addition, the Contracting Agency has established Contracting Agency-specific and/or project-specific supplemental criteria, in accordance with RCW 39.04.350(3), for determining Bidder responsibility, including the basis for evaluation and the deadline for appealing a determination that a Bidder is not responsible. These criteria are contained in Section 1-02.14 Option C of these Special Provisions.

**1-02.2 Plans and Specifications**

Delete this section and replace it with the following:

*(June 27, 2011 APWA GSP)*

Information as to where Bid Documents can be obtained or reviewed can be found in the Call for Bids (Advertisement for Bids) for the work.

After award of the contract, plans and specifications will be issued to the Contractor at no cost as detailed below:

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	3	Furnished automatically upon award.
Contract Provisions	3	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	NONE	Furnished automatically upon award.

Additional plans and Contract Provisions may be obtained by the Contractor from the source stated in the Call for Bids, at the Contractor's own expense.

#### **1-02.4 Examination of Plans, Specifications and Site of Work**

##### **1-02.4(1) General**

The first sentence of the ninth paragraph, beginning with "Prospective Bidder desiring...", is revised to read:

*(December 30, 2022 APWA GSP, Option B)*

Prospective Bidders desiring an explanation or interpretation of the Bid Documents, shall request the explanation or interpretation in writing by close of business 5 business days preceding the bid opening to allow a written reply to reach all prospective Bidders before the submission of their Bids.

#### **1-02.5 Proposal Forms**

Delete this section and replace it with the following:

*(November 25, 2024 APWA GSP)*

The Proposal Form will identify the project and its location and describe the work. It will also list estimated quantities, units of measurement, the items of work, and the materials to be furnished at the unit bid prices. The bidder shall complete spaces on the proposal form that call for, but are not limited to, unit prices; extensions; summations; the total bid amount; signatures; date; and, where

applicable, retail sales taxes and acknowledgment of addenda; the bidder's name, address, telephone number, and signature; the bidder's DBE commitment, if applicable; a State of Washington Contractor's Registration Number; and a Business License Number, if applicable. Bids shall be in legible figures (not words) written in ink or typed and expressed in U.S. dollars. The required certifications are included as part of the Proposal Form.

The Contracting Agency reserves the right to arrange the proposal forms with alternates and additives, if such be to the advantage of the Contracting Agency. The bidder shall bid on all alternates and additives set forth in the Proposal Form unless otherwise specified.

### **1-02.6 Preparation of Proposal**

*(November 20, 2023 WSDOT GSP, Option 2)*

The fourth and fifth paragraphs of Section 1-02.6 are deleted.

The first sentence of the second paragraph is revised to read as follows:

*(April 22, 2025 APWA GSP, Option B)*

All prices shall be in legible figures (not words) written in ink or typed and expressed in U.S. dollars.

Supplement the second paragraph with the following:

*(April 22, 2025 APWA GSP, Option B)*

4. If a minimum bid amount has been established for any item, the unit or lump sum price must equal or exceed the minimum amount stated.

Delete the last two paragraphs, and replace them with the following:

*(April 22, 2025 APWA GSP, Option B)*

The Bidder shall submit with their Bid a completed Contractor Certification Wage Law Compliance form, provided by the Contracting Agency. Failure to return this certification as part of the Bid Proposal package will make this Bid Nonresponsive and ineligible for Award. A Contractor Certification of Wage Law Compliance form is included in the Proposal Forms.

The Bidder shall make no stipulation on the Bid Form, nor qualify the bid in any manner.

A bid by a corporation shall be executed in the corporate name, by the president or a vice president (or other corporate officer accompanied by evidence of authority to sign).

A bid by a partnership shall be executed in the partnership name and signed by a partner.

A bid by a joint venture shall be executed in the joint venture name and signed by a member of the joint venture.

The fourth paragraph of Section 1-02.6 is revised to read:

*(June 11, 2025 APWA GSP, Option C)*

The Bidder shall submit with the Bid the completed Subcontractor List included in the Contracting Agency Proposal Package. If a Subcontractor List Form is not included in the package, use DOT Form 271-015LP. The Form shall contain the following:

1. Subcontractors who will perform the work of structural steel installation, rebar installation, heating, ventilation, air conditioning, and plumbing as described in RCW 18.106 and electrical as described in RCW 19.28,
2. The Work those subcontractors will perform on the Contract and the proof of license when required as described in RCW 39.30.060; and
3. No more than one subcontractor for each category of work identified, except, when subcontractors vary with Bid alternates, in which case the Bidder shall identify which subcontractor will be used for which alternate.

### **1-02.7 Bid Deposit**

Supplement this section with the following:

*(March 8, 2013 APWA GSP)*

Bid bonds shall contain the following:

1. Contracting Agency-assigned number for the project;
2. Name of the project;
3. The Contracting Agency named as obligee;
4. The amount of the bid bond stated either as a dollar figure or as a percentage which represents five percent of the maximum bid amount that could be awarded;
5. Signature of the bidder's officer empowered to sign official statements. The signature of the person authorized to submit the bid should agree with the signature on the bond, and the title of the person must accompany the said signature;
6. The signature of the surety's officer empowered to sign the bond and the power of attorney.

If so stated in the Contract Provisions, bidder must use the bond form included in the Contract Provisions.

If so stated in the Contract Provisions, cash will not be accepted for a bid deposit.

### **1-02.9 Delivery of Proposal**

Delete this section and replace it with the following:

*(October 21, 2025 APWA GSP, Option C)*

#### **GENERAL**

Each Proposal shall be submitted in a sealed envelope, with the Project Name and Project Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as otherwise required in the Bid Documents, to ensure proper handling and delivery.

Supplemental bid information submitted after the proposal submittal but within 48 hours of the time and date the proposal is due, the document(s) shall be submitted as follows:

1. By e-mail to the following e-mail address: [purchasing@kitsap.gov](mailto:purchasing@kitsap.gov)

All other information required to be submitted with the Bid Proposal must be submitted with the Bid Proposal itself, at the time stated in the Call for Bids.

Proposals that are received as required will be publicly opened and read as specified in Section 1-02.12. The Contracting Agency will not open or consider any Bid Proposal that is received after the time specified in the Call for Bids for receipt of Bid Proposals, or received in a location other than that specified in the Call for Bids. The Contracting Agency will not open or consider any "Supplemental Information" that is received after the time specified or received in a location other than that specified in the Call for Bids.

If an emergency or unanticipated event interrupts normal work processes of the Contracting Agency so that Proposals cannot be received at the office designated for receipt of bids as specified in Section 1-02.12 the time specified for receipt of the Proposal will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which the normal work processes of the Contracting Agency resume.

### **1-02.10 Withdrawing, Revising, or Supplementing Proposal**

Delete this section, and replace it with the following:

*(July 23, 2015 APWA GSP)*

After submitting a physical Bid Proposal to the Contracting Agency, the Bidder may withdraw, revise, or supplement it if:

1. The Bidder submits a written request signed by an authorized person and physically delivers it to the place designated for receipt of Bid Proposals, and
2. The Contracting Agency receives the request before the time set for receipt of Bid Proposals, and
3. The revised or supplemented Bid Proposal (if any) is received by the Contracting Agency before the time set for receipt of Bid Proposals.

If the Bidder's request to withdraw, revise, or supplement its Bid Proposal is received before the time set for receipt of Bid Proposals, the Contracting Agency will return the unopened Proposal package to the Bidder. The Bidder must then submit the revised or supplemented package in its entirety. If the Bidder does not submit a revised or supplemented package, then its bid shall be considered withdrawn.

Late revised or supplemented Bid Proposals or late withdrawal requests will be date recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed requests to withdraw, revise, or supplement a Bid Proposal are not acceptable.

### **1-02.13 Irregular Proposals**

Delete this section and replace it with the following:

*(October 21, 2025 APWA GSP)*

1. A Proposal will be considered irregular and will be rejected if:
  - a. The Bidder is not prequalified when so required;
  - b. The Bidder adds provisions reserving the right to reject or accept the Award, or enter into the Contract;
  - c. A price per unit cannot be determined from the Bid Proposal;
  - d. The Proposal form is not properly executed;
  - e. The Bidder fails to submit or properly complete a subcontractor list (WSDOT Form 271-015LP or 271-015), if applicable, as required in Section 1-02.6;
  - f. The Bidder fails to submit the Bidder Questionnaire (DOT Form 272-022), if applicable as required by Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions; or
  - g. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation.
  
2. A Proposal may be considered irregular and may be rejected if:
  - a. The Proposal does not include a unit price for every Bid item;
  - b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;

- c. The authorized Proposal Form furnished by the Contracting Agency is not used or is altered;
- d. The completed Proposal form contains unauthorized additions, deletions, alternate Bids, or conditions;
- e. Receipt of Addenda is not acknowledged;
- f. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
- g. If Proposal form entries are not made in ink.

#### **1-02.14 Disqualification of Bidders**

Delete this section and replace it with the following:

*(May 17, 2018 APWA GSP, Option C)*

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or does not meet Supplemental Criteria 1-8 in this Section:

The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility criteria in RCW 39.04.350(1), and Supplemental Criteria 1-2. Evidence that the Bidder meets Supplemental Criteria 3-8 shall be provided by the Bidder as stated later in this Section.

##### **1. Delinquent State Taxes**

- A. Criterion: The Bidder shall not owe delinquent taxes to the Washington State Department of Revenue without a payment plan approved by the Department of Revenue.
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder does not owe delinquent taxes to the Washington State Department of Revenue, or if delinquent taxes are owed to the Washington State Department of Revenue, the Bidder must submit a written payment plan approved by the Department of Revenue, to the Contracting Agency by the deadline listed below.

##### **2. Federal Debarment**

- A. Criterion: The Bidder shall not currently be debarred or suspended by the Federal government.
- B. Documentation: The Bidder shall not be listed as having an “active exclusion” on the U.S. government’s “System for Award Management” database ([www.sam.gov](http://www.sam.gov)).

### 3. **Subcontractor Responsibility**

- A. **Criterion**: The Bidder's standard subcontract form shall include the subcontractor responsibility language required by RCW 39.06.020, and the Bidder shall have an established procedure which it utilizes to validate the responsibility of each of its subcontractors. The Bidder's subcontract form shall also include a requirement that each of its subcontractors shall have and document a similar procedure to determine whether the sub-tier subcontractors with whom it contracts are also "responsible" subcontractors as defined by RCW 39.06.020.
- B. **Documentation**: The Bidder, if and when required as detailed below, shall submit a copy of its standard subcontract form for review by the Contracting Agency, and a written description of its procedure for validating the responsibility of subcontractors with which it contracts.

### 4. **Claims Against Retainage and Bonds**

- A. **Criterion**: The Bidder shall not have a record of excessive claims filed against the retainage or payment bonds for public works projects in the three years prior to the bid submittal date, that demonstrate a lack of effective management by the Bidder of making timely and appropriate payments to its subcontractors, suppliers, and workers, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.
- B. **Documentation**: The Bidder, if and when required as detailed below, shall submit a list of the public works projects completed in the three years prior to the bid submittal date that have had claims against retainage and bonds and include for each project the following information:
- Name of project
  - The owner and contact information for the owner;
  - A list of claims filed against the retainage and/or payment bond for any of the projects listed;
  - A written explanation of the circumstances surrounding each claim and the ultimate resolution of the claim.

### 5. **Public Bidding Crime**

- A. **Criterion**: The Bidder and/or its owners shall not have been convicted of a crime involving bidding on a public works contract in the five years prior to the bid submittal date.

- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder and/or its owners have not been convicted of a crime involving bidding on a public works contract.

6. **Termination for Cause / Termination for Default**

- A. Criterion: The Bidder shall not have had any public works contract terminated for cause or terminated for default by a government agency in the five years prior to the bid submittal date, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder has not had any public works contract terminated for cause or terminated for default by a government agency in the five years prior to the bid submittal date; or if Bidder was terminated, describe the circumstances.

7. **Lawsuits**

- A. Criterion: The Bidder shall not have lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.
- B. Documentation: The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder has not had any lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, or shall submit a list of all lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date, along with a written explanation of the circumstances surrounding each such lawsuit. The Contracting Agency shall evaluate these explanations to determine whether the lawsuits demonstrate a pattern of failing to meet of terms of construction related contracts.

8. **Contracting Agency Specific Criteria**

- A. Criterion: Bidders shall supply the following information:
  - 1. Dollar amount of contracts currently held by the bidder,

2. List of more important construction projects completed by your company in the last 5 years,
3. Bank references, and
4. Bonding company.

B. Documentation: The required information shall be included in Section C of the Bidder Responsibility Statement.

As evidence that the Bidder meets the Supplemental Responsibility Criteria stated above, the apparent low Bidder must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day following the bid submittal deadline, a written statement verifying that the Bidder meets the Supplemental Criteria together with supporting documentation (sufficient in the sole judgment of the Contracting Agency) demonstrating compliance with the Supplemental Responsibility Criteria. The Contracting Agency reserves the right to request further documentation as needed from the low bidder and documentation from other Bidders as well to assess Bidder responsibility and compliance with all bidder responsibility criteria. The Contracting Agency also reserves the right to obtain information from third parties and independent sources of information concerning a Bidder's compliance with the mandatory and supplemental criteria, and to use that information in their evaluation. The Contracting Agency may consider mitigating factors in determining whether the Bidder complies with the requirements of the Supplemental Criteria.

The basis for evaluation of Bidder compliance with these mandatory and Supplemental Criteria shall include any documents or facts obtained by Contracting Agency (whether from the Bidder or third parties) including but not limited to: (i) financial, historical, or operational data from the Bidder; (ii) information obtained directly by the Contracting Agency from others for whom the Bidder has worked, or other public agencies or private enterprises; and (iii) any additional information obtained by the Contracting Agency which is believed to be relevant to the matter.

If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria above and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within two (2) business days of the Contracting Agency's determination by presenting its appeal and any additional information to the Contracting Agency. The Contracting Agency will consider the appeal and any additional information before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the Contracting Agency's final determination.

Request to Change Supplemental Bidder Responsibility Criteria Prior To Bid: Bidders with concerns about the relevancy or restrictiveness of the Supplemental Bidder Responsibility Criteria may make or submit requests to the Contracting Agency to modify the criteria. Such requests shall be in writing, describe the nature of the concerns, and propose specific modifications to the criteria. Bidders shall submit such requests to the Contracting Agency no later than five (5) business days prior to the bid submittal deadline and address the request to the Project Engineer or such other person designated by the Contracting Agency in the Bid Documents.

## **1-03 AWARD AND EXECUTION OF CONTRACT**

### **1-03.1 Consideration of Bids**

Revise the first paragraph to read:

*(December 30, 2022 APWA GSP)*

After opening and reading proposals, the Contracting Agency will check them for correctness of extensions of the prices per unit and the total price. If a discrepancy exists between the price per unit and the extended amount of any bid item, the price per unit will control. If a minimum bid amount has been established for any item and the bidder's unit or lump sum price is less than the minimum specified amount, the Contracting Agency will unilaterally revise the unit or lump sum price, to the minimum specified amount and recalculate the extension. The total of extensions, corrected where necessary, including sales taxes where applicable and such additives and/or alternates as selected by the Contracting Agency, will be used by the Contracting Agency for award purposes and to fix the Awarded Contract Price amount and the amount of the contract bond.

#### **1-03.1(1) Identical Bid Totals**

Revise this section to read:

*(December 30, 2022 APWA GSP)*

After opening Bids, if two or more lowest responsive Bid totals are exactly equal, then the tie-breaker will be the Bidder with an equal lowest bid, that proposed to use the highest percentage of recycled materials in the Project, per the form submitted with the Bid Proposal. If those percentages are also exactly equal, then the tie-breaker will be determined by drawing as follows: Two or more slips of paper will be marked as follows: one marked "Winner" and the other(s) marked "unsuccessful". The slips will be folded to make the marking unseen. The slips will be placed inside a box. One authorized representative of each Bidder shall draw a slip from the box. Bidders shall draw in alphabetic order by the name of the firm as registered with the Washington State Department of Licensing. The slips shall be unfolded and the firm with the slip marked "Winner" will be

determined to be the successful Bidder and eligible for Award of the Contract. Only those Bidders who submitted a Bid total that is exactly equal to the lowest responsive Bid, and with a proposed recycled materials percentage that is exactly equal to the highest proposed recycled materials amount, are eligible to draw.

### **1-03.3 Execution of Contract**

*(February 17, 2026 APWA GSP, Option A)*

Revise this section to read:

Copies of the Contract Provisions, including the unsigned Form of Contract, will be available for signature by the successful bidder on the first business day following award. The number of copies to be executed by the Contractor will be determined by the Contracting Agency.

Within 10 calendar days after the award date, the successful Bidder shall return the signed Contracting Agency-prepared Contract, an insurance certification as required by Section 1-07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage form for the Construction Stormwater General Permit with sections I, III, and VIII completed when provided. Before execution of the Contract by the Contracting Agency, the successful Bidder shall provide, if required, any of the following: pre-Award information required by the Contracting Agency as listed under Section 1-02.15, proof of licensure for electrical, HVAC, or plumbing subcontractors. If the Prime Contractor lists themselves as performing electrical, HVAC, or plumbing they are required to submit proof of licensure prior to execution.

Until the Contracting Agency executes a Contract, no Proposal shall bind the Contracting Agency nor shall any Work begin within the project limits or within Contracting Agency-furnished sites. The Contractor shall bear all risks for any Work begun outside such areas and for any materials ordered before the Contract is executed by the Contracting Agency.

If the Bidder experiences circumstances beyond their control that prevents return of the Contract documents within the calendar days after the Award date stated above, the Contracting Agency may grant up to a maximum of 10 additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.

### **1-03.4 Contract Bond**

Delete the first paragraph and replace it with the following:

*(July 23, 2015 APWA GSP)*

The successful bidder shall provide executed payment and performance bond(s) for the full contract amount. The bond may be a combined payment and

performance bond; or be separate payment and performance bonds. In the case of separate payment and performance bonds, each shall be for the full contract amount. The bond(s) shall:

1. Be on Contracting Agency-furnished form(s);
2. Be signed by an approved surety (or sureties) that:
  - a. Is registered with the Washington State Insurance Commissioner, and
  - b. Appears on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner,
3. Guarantee that the Contractor will perform and comply with all obligations, duties, and conditions under the Contract, including but not limited to the duty and obligation to indemnify, defend, and protect the Contracting Agency against all losses and claims related directly or indirectly from any failure:
  - a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform and comply with all contract obligations, conditions, and duties, or
  - b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material person, or any other person who provides supplies or provisions for carrying out the work;
4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the project under titles 50, 51, and 82 RCW; and
5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the bond; and
6. Be signed by an officer of the Contractor empowered to sign official statements (sole proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed by the president or vice president, unless accompanied by written proof of the authority of the individual signing the bond(s) to bind the corporation (i.e., corporate resolution, power of attorney, or a letter to such effect signed by the president or vice president).

### **1-03.7 Judicial Review**

Revise this section to read:

*(December 30, 2022 APWA GSP)*

All decisions made by the Contracting Agency regarding the Award and execution of the Contract or Bid rejection shall be conclusive subject to the scope of judicial review permitted under Washington Law. Such review, if any, shall be timely filed in the Superior Court of the county where the Contracting Agency

headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction.

## **1-04 SCOPE OF WORK**

### **1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications, and Addenda**

Revise the second paragraph to read:

*(December 30, 2022 APWA GSP)*

Any inconsistency in the parts of the contract shall be resolved by following this order of precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

1. Addenda,
2. Proposal Form,
3. Special Provisions,
4. Contract Plans,
5. Standard Specifications,
6. Contracting Agency's Standard Plans or Details (if any), and
7. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

### **1-04.4 Minor Changes**

*(January 19, 2022 APWA GSP)*

The first two sentences of the last paragraph of Section 1-04.4 are deleted.

## **1-05 CONTROL OF WORK**

### **1-05.3 Working Drawings**

Section 1-05.3 is supplemented with the following:

*(November 29, 2022 KC GSP)*

#### **1-05.3(1) Submittals**

The Contractor shall not install materials or equipment, which requires submittals, until reviewed by the Contracting Agency. Late submissions by the Contractor shall not be cause for time extension.

Submittals shall be made per Submittal Number and Revision assigned by the Contracting Agency's project management software, rather than per material. The Contractor shall be responsible for ensuring that each submittal includes cut sheets and/or other information for all pertinent materials necessary to complete the work for each Submittal Number. It is understood that producing submittals for each Submittal Number may require multiple submittals of common materials that are associated with more than one Submittal Number. The Contractor shall

also be responsible for producing submittals that may only be associated with a Specification Section, not a particular Submittal Number.

The Contractor shall submit electronic copies of each submittal required by the Contract Documents through the Contracting Agency's project management software, (see Special Provisions Section 1-05.17), unless otherwise required elsewhere in the Contract Provisions. This includes, but is not limited to:

- Working Drawings
- Product Data
- Samples
- Reports
- Material Submittals (Ref. 1-06)
- Progress Schedules (Ref. 1-08.3)

Physical samples shall be delivered with a hardcopy of the transmittal submitted through the Contracting Agency's project management software.

The Engineer will return reviewed submittals through the Contracting Agency's project management software for the Contractor's use.

### **1-05.3(2) Submittal Schedule**

In conformance with section 1-08.3, the progress schedule shall be submitted and reviewed prior to commencing any work. No delay claim shall be entertained for Contractor's failure to comply.

No claim will be allowed for damages or extension of time resulting from rejection of a submittal or the requirement of resubmittals as outlined by this section.

The Engineer's review will be completed as quickly as possible but may require up to ten (10) working days from the date the submittals or resubmittals are received until they are sent to the Contractor. If more than ten (10) working days are required for the Engineer's review of any individual submittal or resubmittal, an extension of time will be considered in accordance with Section 1-08.8.

### **1-05.3(3) Submittal Procedures**

Contractor submittals shall be in accordance with the following:

The Contractor shall thoroughly review each submittal for dimensions, quantities, and details of the material or item shown. The Contractor shall review each submittal and note any errors, omissions, or deviations with the Contract Documents. The Contractor shall accept full responsibility for the completeness of each submittal.

Each submittal shall have a unique number assigned to it (via the Contracting Agency's project management software). On each page, indicate the page number, and total number of pages in each submittal.

Each submittal shall indicate the following:

1. The intended use of the item in the work;
2. Clearly indicate only applicable items on any catalog cut sheets;
3. The current revision, issue number, and data shall be indicated on all drawings and other descriptive data.
4. Description of Submittal.
5. Related Specification Section and/or plan sheet.
6. Each material submittal shall clearly indicate the name and address of all suppliers, processors, distributors, and/or producers from which the Contractor directly purchased each material.

When submitting product data, the Contractor shall modify drawings to delete any information not applicable to the project and add information that is applicable to the project. The Contractor shall mark copies of printed material to clearly identify the pertinent materials, products or models.

Samples submitted shall be of sufficient size and quantity to clearly illustrate functional characteristics of product or material and full range of colors available. Field samples and mock-ups, where required, shall be erected at the project site where directed by the Engineer.

The Contractor shall notify the Engineer, in writing at time of submission, of deviations in submittals from requirements of the contract documents.

The Contracting Agency shall not be responsible for delays in reviewing submittals not submitted in accordance with these specifications.

Review or approval of Working Drawings shall neither confer upon the Contracting Agency nor relieve the Contractor of any responsibility for the accuracy of the drawings or their conformity with the Contract. The Contractor shall bear all risk and all costs of any Work delays caused by rejection or non-approval of Working Drawings.

#### **1-05.3(4) Engineer's Review of Submittals**

The Engineer's review of drawings and data submitted by the Contractor will cover only general conformity with the Contract drawings and specifications. The Engineer's review of submittals shall not relieve the Contractor from responsibility for errors, omissions, deviations, or responsibility for compliance with the Contract documents.

Review of a separate item does not constitute review of an assembly in which the item functions.

When the submittal or resubmittal is marked “APPROVED”, “APPROVED AS NOTED”, “REVIEWED & FILED” AND “CONDITIONALLY APPROVED” no resubmittal is required. When the submittal is marked “REVIEWED WITH COMMENTS” the Contractor shall comply with any comments on the return submittal.

### **1-05.3(5) Resubmittals**

When a submittal is marked “REVISE AND RESUBMIT” or “REJECTED,” the Contractor shall make the corrections as noted and instructed by the Engineer and resubmit via the Contracting Agency’s project management software. The Contractor shall not install material or equipment that has received a review status of “REVISE AND RESUBMIT” or REJECTED”.

When corrected copies are resubmitted, the Contractor shall in writing direct specific attention to all revisions and shall list separately any revision made other than those called for by the Engineer on previous submittals. The Contracting Agency’s project management software will assign the resubmittal number of the original submittal followed by a revision number (1, 2, etc.) to indicate the sequence of the resubmittal.

Each submittal shall have a unique number assigned to it (via the Contracting Agency’s project management software).

The Contractor shall revise returned submittals as required and resubmit until final review is obtained. Any associated progress delay due to the Contractor’s need to revise and resubmit is the Contractor’s sole responsibility.

The Contractor shall verify that all exceptions previously noted by the Engineer have been accounted for.

### **1-05.3(6) Clarifications**

Clarifications of the Contract intent shall be submitted via a Request for Information (RFI) using the Contracting Agency’s project management software as described in Section 1-05.17 of the Special Provisions. The Contractor shall provide a clear and concise clarification question, specific project document reference such as plan detail number or specification number, proposed solution to the clarification question, and provide any supporting documentation necessary to understand the clarification question.

Request for Information responses provided by the Contracting Agency shall be incorporated into the Record Drawings, if resulting in a change to the Contract Plans.

Request for Information responses provided by the Contracting Agency shall not be construed to be a change to the Contract Documents.

### **1-05.11 Final Inspection**

Delete this section and replace it with the following:

#### **1-05.11 Final Inspections and Operational Testing** *(October 1, 2005 APWA GSP)*

##### **1-05.11(1) Substantial Completion Date**

When the Contractor considers the work to be substantially complete, the Contractor shall so notify the Engineer and request the Engineer establish the Substantial Completion Date. The Contractor's request shall list the specific items of work that remain to be completed in order to reach physical completion. The Engineer will schedule an inspection of the work with the Contractor to determine the status of completion. The Engineer may also establish the Substantial Completion Date unilaterally.

If, after this inspection, the Engineer concurs with the Contractor that the work is substantially complete and ready for its intended use, the Engineer, by written notice to the Contractor, will set the Substantial Completion Date. If, after this inspection the Engineer does not consider the work substantially complete and ready for its intended use, the Engineer will, by written notice, so notify the Contractor giving the reasons therefor.

Upon receipt of written notice concurring in or denying substantial completion, whichever is applicable, the Contractor shall pursue vigorously, diligently and without unauthorized interruption, the work necessary to reach Substantial and Physical Completion. The Contractor shall provide the Engineer with a revised schedule indicating when the Contractor expects to reach substantial and physical completion of the work.

The above process shall be repeated until the Engineer establishes the Substantial Completion Date and the Contractor considers the work physically complete and ready for final inspection.

##### **1-05.11(2) Final Inspection and Physical Completion Date**

When the Contractor considers the work physically complete and ready for final inspection, the Contractor by written notice, shall request the Engineer to schedule a final inspection. The Engineer will set a date for final inspection. The

Engineer and the Contractor will then make a final inspection and the Engineer will notify the Contractor in writing of all particulars in which the final inspection reveals the work incomplete or unacceptable. The Contractor shall immediately take such corrective measures as are necessary to remedy the listed deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption until physical completion of the listed deficiencies. This process will continue until the Engineer is satisfied the listed deficiencies have been corrected.

If action to correct the listed deficiencies is not initiated within 7 days after receipt of the written notice listing the deficiencies, the Engineer may, upon written notice to the Contractor, take whatever steps are necessary to correct those deficiencies pursuant to Section 1-05.7.

The Contractor will not be allowed an extension of contract time because of a delay in the performance of the work attributable to the exercise of the Engineer's right hereunder.

Upon correction of all deficiencies, the Engineer will notify the Contractor and the Contracting Agency, in writing, of the date upon which the work was considered physically complete. That date shall constitute the Physical Completion Date of the contract but shall not imply acceptance of the work or that all the obligations of the Contractor under the contract have been fulfilled.

### **1-05.11(3) Operational Testing**

It is the intent of the Contracting Agency to have at the Physical Completion Date a complete and operable system. Therefore, when the work involves the installation of machinery or other mechanical equipment; street lighting, electrical distribution or signal systems; irrigation systems; buildings; or other similar work it may be desirable for the Engineer to have the Contractor operate and test the work for a period of time after final inspection but prior to the physical completion date. Whenever items of work are listed in the Contract Provisions for operational testing they shall be fully tested under operating conditions for the time period specified to ensure their acceptability prior to the Physical Completion Date. During and following the test period, the Contractor shall correct any items of workmanship, materials, or equipment which prove faulty, or that are not in first class operating condition. Equipment, electrical controls, meters, or other devices and equipment to be tested during this period shall be tested under the observation of the Engineer, so that the Engineer may determine their suitability for the purpose for which they were installed. The Physical Completion Date cannot be established until testing and corrections have been completed to the satisfaction of the Engineer.

The costs for power, gas, labor, material, supplies, and everything else needed to successfully complete operational testing, shall be included in the unit contract

prices related to the system being tested, unless specifically set forth otherwise in the proposal.

Operational and test periods, when required by the Engineer, shall not affect a manufacturer's guaranties or warranties furnished under the terms of the contract.

**1-05.13 Superintendents, Labor and Equipment of Contractor**  
*(August 14, 2013 APWA GSP)*

Delete the sixth and seventh paragraphs of this section.

**1-05.15 Method of Serving Notices**

Revise the second paragraph to read:

*(January 4, 2024 APWA GSP)*

All correspondence from the Contractor shall be served and directed to the Engineer. All correspondence from the Contractor constituting any notification, notice of protest, notice of dispute, or other correspondence constituting notification required to be furnished under the Contract, must be written in paper format, hand delivered or sent via certified mail delivery service with return receipt requested to the Engineer's office. Electronic copies such as e-mails or electronically delivered copies of correspondence will not constitute such notice and will not comply with the requirements of the Contract.

Add the following new section:

**1-05.16 Water and Power**  
*(October 1, 2005 APWA GSP)*

The Contractor shall make necessary arrangements and shall bear the costs for power and water necessary for the performance of the work unless the contract includes power and water as a pay item.

**1-06 CONTROL OF MATERIAL**

**1-06.1 Approval of Materials Prior to Use**

**1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

**1-07.1 Laws to be Observed**

Supplement this section with the following:

*(October 1, 2005 APWA GSP)*

In cases of conflict between different safety regulations, the more stringent regulation shall apply.

The Washington State Department of Labor and Industries shall be the sole and paramount administrative agency responsible for the administration of the provisions of the Washington Industrial Safety and Health Act of 1973 (WISHA).

The Contractor shall maintain at the project site office, or other well-known place at the project site, all articles necessary for providing first aid to the injured. The Contractor shall establish, publish, and make known to all employees, procedures for ensuring immediate removal to a hospital, or doctor's care, persons, including employees, who may have been injured on the project site. Employees should not be permitted to work on the project site before the Contractor has established and made known procedures for removal of injured persons to a hospital or a doctor's care.

The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the Contractor's plant, appliances, and methods, and for any damage or injury resulting from their failure, or improper maintenance, use, or operation. The Contractor shall be solely and completely responsible for the conditions of the project site, including safety for all persons and property in the performance of the work. This requirement shall apply continuously, and not be limited to normal working hours. The required or implied duty of the Engineer to conduct construction review of the Contractor's performance does not, and shall not, be intended to include review and adequacy of the Contractor's safety measures in, on, or near the project site.

## **1-07.2 State Taxes**

Delete this section, including its sub-sections, in its entirety and replace it with the following:

### **1-07.2 State Sales Tax**

*(June 27, 2011 APWA GSP)*

The Washington State Department of Revenue has issued special rules on the State sales tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor should contact the Washington State Department of Revenue for answers to questions in this area. The Contracting Agency will not adjust its payment if the Contractor bases a bid on a misunderstood tax liability.

The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract amounts. In some cases, however, state retail sales tax will not be included. Section 1-07.2(2) describes this exception.

The Contracting Agency will pay the retained percentage (or release the Contract Bond if a FHWA-funded Project) only if the Contractor has obtained from the Washington State Department of Revenue a certificate showing that all contract-related taxes have been paid (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor any amount the Contractor may owe the Washington State Department of Revenue, whether the amount owed relates to this contract or not. Any amount so deducted will be paid into the proper State fund.

#### **1-07.2(1) State Sales Tax — Rule 171**

WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets, roads, etc., which are owned by a municipal corporation, or political subdivision of the state, or by the United States, and which are used primarily for foot or vehicular traffic. This includes storm or combined sewer systems within and included as a part of the street or road drainage system and power lines when such are part of the roadway lighting system. For work performed in such cases, the Contractor shall include Washington State Retail Sales Taxes in the various unit bid item prices, or other contract amounts, including those that the Contractor pays on the purchase of the materials, equipment, or supplies used or consumed in doing the work.

#### **1-07.2(2) State Sales Tax — Rule 170**

WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or existing buildings, or other structures, upon real property. This includes, but is not limited to, the construction of streets, roads, highways, etc., owned by the state of Washington; water mains and their appurtenances; sanitary sewers and sewage disposal systems unless such sewers and disposal systems are within, and a part of, a street or road drainage system; telephone, telegraph, electrical power distribution lines, or other conduits or lines in or above streets or roads, unless such power lines become a part of a street or road lighting system; and installing or attaching of any article of tangible personal property in or to real property, whether or not such personal property becomes a part of the realty by virtue of installation.

For work performed in such cases, the Contractor shall collect from the Contracting Agency, retail sales tax on the full contract price. The Contracting Agency will automatically add this sales tax to each payment to the Contractor. For this reason, the Contractor shall not include the retail sales tax in the unit bid item prices, or in any other contract amount subject to Rule 170, with the following exception.

Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or a subcontractor makes on the purchase or rental of tools, machinery, equipment, or consumable supplies not integrated into the project.

Such sales taxes shall be included in the unit bid item prices or in any other contract amount.

### **1-07.2(3) Services**

The Contractor shall not collect retail sales tax from the Contracting Agency on any contract wholly for professional or other services (as defined in Washington State Department of Revenue Rules 138 and 244).

### **1-07.6 Permits and Licenses**

Section 1-07.6 is supplemented with the following:

*(January 2, 2018 WSDOT GSP, Option 1)*

The Contracting Agency has obtained the below-listed permit(s) for this project. A copy of the permit(s) is attached as an appendix for informational purposes. Copies of these permits, including a copy of the Transfer of Coverage form, when applicable, are required to be onsite at all times.

Contact with the permitting agencies, concerning the below-listed permit(s), shall be made through the Engineer with the exception of when the Construction Stormwater General Permit coverage is transferred to the Contractor, direct communication with the Department of Ecology is allowed. The Contractor shall be responsible for obtaining Ecology's approval for any Work requiring additional approvals (e.g. Request for Chemical Treatment Form). The Contractor shall obtain additional permits as necessary. All costs to obtain and comply with additional permits shall be included in the applicable Bid items for the Work involved.

- Construction Stormwater Permit
- Demolition Permits (for each property)

### **1-07.7 Load Limits**

Section 1-07.7 is supplemented with the following:

*(March 13, 1995 WSDOT GSP, Option 6)*

If the sources of materials provided by the Contractor necessitate hauling over roads other than State Highways, the Contractor shall, at the Contractor's expense, make all arrangements for the use of the haul routes.

### **1-07.8(1) Traffic Control Personnel**

Section 1-07.8(1) is revised to read:

*(September 16, 2025 WSDOT GSP, Option 1)*

All personnel performing the Work described in Section 2-04 (including traffic control supervisors, flaggers, and others performing traffic control labor of any kind) shall comply with the following:

1. During daylight hours with clear visibility, workers shall wear a high-visibility ANSI/ISEA 107 Type R Class 2 or 3 garment with background material that are fluorescent yellow-green, fluorescent orange-red, or fluorescent red in color; and a high visibility hardhat that is white, yellow, yellow-green, orange, or red in color; and
2. During hours of darkness ( $\frac{1}{2}$  hour before sunset to  $\frac{1}{2}$  hour after sunrise) or other low-visibility conditions (snow, fog, etc.), workers shall wear a high-visibility ANSI/ISEA 107 Type R Class 2 or 3 garment with background material that are fluorescent yellow-green, fluorescent orange-red, or fluorescent red in color; a high-visibility lower garment meeting ANSI/ISEA 107 Class E, and a high visibility hardhat marked with at least 12 square inches of retroreflective material applied to provide 360 degrees of visibility.

## **1-07.9 Wages**

### **1-07.9(5) Required Documents**

#### **1-07.9(5)A General**

Section 1-07.9(5)A is supplemented with the following:

*(July 8, 2024 APWA GSP)*

All Statements of Intent to Pay Prevailing Wages, Affidavits of Wages Paid and Certified Payrolls, including a signed Statement of Compliance for Federal-aid projects, shall be submitted to the Engineer and to the State L&I online Prevailing Wage Intent & Affidavit (PWIA) system. When apprenticeship is a requirement of the contract, include in PWIA all apprentices.

## **1-07.11 Requirements for Nondiscrimination**

### **1-07.11(2) Contractual Requirements**

*(November 25, 2024 APWA GSP)*

Delete item 11 of the first paragraph of Section 1-07.11(2).

## **1-07.17 Utilities and Similar Facilities**

Section 1-07.17 is supplemented with the following:

*(April 2, 2007 WSDOT GSP, Option 1)*

Locations and dimensions shown in the Plans for existing facilities are in accordance with available information obtained without uncovering, measuring, or other verification.

The following addresses and telephone numbers of utility companies known or suspected of having facilities within the project limits are supplied for the Contractor's convenience:

Water and Sewer: City of Port Orchard, 360-876-5139  
<https://portorchardwa.gov/#/city/payments/watersewerrefuse>

Gas: Cascade Natural Gas, 1-888-522-1130  
<https://www.cngc.com/>

Electric: Puget Sound Energy, 1-888-225-5773  
<https://www.pse.com/>

Section 1-07.17(3) is supplemented with the following new subsection:

*(November 29, 2022 KC GSP)*

**1-07.17(3) Protection and Support of Existing Utilities:**

**Description**

The Contractor shall provide support and protection of all existing utility facilities crossing the work area during construction. All utilities shall remain fully operational throughout the life of this Contract. The Contractor shall be responsible for coordinating with the Engineer and the utility owners for the relocation of the utilities, or the erection of temporary support for them. The Contractor shall be responsible for the erection of all temporary support and temporary relocation necessary to complete the work.

The Contractor shall “pothole” and expose the existing underground utilities crossing the route of the new improvements. Excavation immediately adjacent to the existing conduits shall be made by hand methods in compliance with Washington State requirements.

**Payment**

Payment will be made for the following bid item included on the proposal:

“Protection & Support of Existing Utilities”, per lump sum.

The lump sum Contract price for “Protection and Support of Existing Utilities” shall be full pay for all labor, tools, materials and equipment necessary to complete the work and for any costs incurred by the Contractor due to the loss of work efficiency as a result of the requirement to work adjacent to the relocated or temporarily supported utilities.

## **1-07.18 Public Liability and Property Damage Insurance**

Delete this section in its entirety, and replace it with the following:

### **1-07.18 Insurance**

*(January 4, 2024 APWA GSP)*

#### **1-07.18(1) General Requirements**

- A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.
- B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated below.
- C. If any insurance policy is written on a claims-made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or earlier termination of this Contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.
- D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.
- E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.

- F. The Contractor shall not begin work under the Contract until the required insurance has been obtained and approved by the Contracting Agency
- G. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.
- H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the Contract and no additional payment will be made.
- I. Under no circumstances shall a wrap up policy be obtained, for either initiating or maintaining coverage, to satisfy insurance requirements for any policy required under this Section. A "wrap up policy" is defined as an insurance agreement or arrangement under which all the parties working on a specified or designated project are insured under one policy for liability arising out of that specified or designated project.

**1-07.18(2) Additional Insured**

All insurance policies, with the exception of Workers Compensation, and of Professional Liability and Builder's Risk (if required by this Contract) shall name the following listed entities as additional insured(s) using the forms or endorsements required herein:

- the Contracting Agency and its officers, elected officials, employees, agents, and volunteers

The above-listed entities shall be additional insured(s) for the full available limits of liability maintained by the Contractor, irrespective of whether such limits maintained by the Contractor are greater than those required by this Contract, and irrespective of whether the Certificate of Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those maintained by the Contractor.

For Commercial General Liability insurance coverage, the required additional insured endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

**1-07.18(3) Subcontractors**

The Contractor shall cause each subcontractor of every tier to provide insurance coverage that complies with all applicable requirements of the Contractor-

provided insurance as set forth herein, except the Contractor shall have sole responsibility for determining the limits of coverage required to be obtained by subcontractors.

The Contractor shall ensure that all subcontractors of every tier add all entities listed in 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that section as detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency evidence of insurance and copies of the additional insured endorsements of each subcontractor of every tier as required in 1-07.18(4) Verification of Coverage.

**1-07.18(4) Verification of Coverage**

The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the work. Failure of Contracting Agency to demand such verification of coverage with these insurance requirements or failure of Contracting Agency to identify a deficiency from the insurance documentation provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.

Verification of coverage shall include:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement.
3. Any other amendatory endorsements to show the coverage required herein.
4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these requirements – actual endorsements must be submitted.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required on this Project, a full and certified copy of that policy is required when the Contractor delivers the signed Contract for the work.

**1-07.18(5) Coverages and Limits**

The insurance shall provide the minimum coverages and limits set forth below. Contractor's maintenance of insurance, its scope of coverage, and limits as required herein shall not be construed to limit the liability of the Contractor to the

coverage provided by such insurance, or otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible or self-insured retention shall be the responsibility of the Contractor. In the event an additional insured incurs a liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured retention shall be the responsibility of the Contractor.

**1-07.18(5)A Commercial General Liability**

Commercial General Liability insurance shall be written on coverage forms at least as broad as ISO occurrence form CG 00 01, including but not limited to liability arising from premises, operations, stop gap liability, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract. There shall be no exclusion for liability arising from explosion, collapse or underground property damage.

The Commercial General Liability insurance shall be endorsed to provide a per project general aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's completed operations for at least three years following Substantial Completion of the Work.

Such policy must provide the following minimum limits:

\$1,000,000	Each Occurrence
\$2,000,000	General Aggregate
\$2,000,000	Products & Completed Operations Aggregate
\$1,000,000	Personal & Advertising Injury each offence
\$1,000,000	Stop Gap / Employers' Liability each accident

**1-07.18(5)B Automobile Liability**

Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be written on a coverage form at least as broad as ISO form CA 00 01. If the work involves the transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48 endorsements.

Such policy must provide the following minimum limit:

\$1,000,000	Combined single limit each accident
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**1-07.18(5)C Workers' Compensation**

The Contractor shall comply with Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.

### **1-07.23 Public Convenience and Safety**

Section 1-07.23 is supplemented with the following:

*(November 29, 2022 KC GSP)*

The Contractor shall maintain safe pedestrian passage through the work area at all times.

### **1-07.23(1) Construction Under Traffic**

Revise the third sentence of the second paragraph to read:

*(May 2, 2017 APWA GSP)*

Accessibility to existing or temporary pedestrian push buttons shall not be impaired; if approved by the Contracting Agency activating pedestrian recall timing or other accommodation may be allowed during construction.

### **1-07.24 Rights of Way**

Delete this section and replace it with the following:

*(April 22, 2025 APWA GSP)*

Street Right of Way lines, limits of easements, and limits of construction permits are indicated in the Plans. The Contractor's construction activities shall be confined within these limits unless arrangements for use of private property are made as described below.

Generally, the Contracting Agency will have obtained, prior to bid opening, all rights of way and easements, both permanent and temporary, necessary for carrying out the work. Exceptions to this are noted in the Bid Documents or will be brought to the Contractor's attention by a duly issued Addendum.

Whenever any of the work is accomplished on or through property other than public Right of Way, the Contractor shall meet and fulfill all covenants and stipulations of any easement agreement obtained by the Contracting Agency from the owner of the private property. Copies of the easement agreements may be included in the Contract Provisions or made available to the Contractor as soon as practical after they have been obtained by the Engineer.

Whenever easements or rights of entry have not been acquired prior to advertising, these areas are so noted in the Plans. The Contractor shall not proceed with any portion of the work in areas where right of way, easements or rights of entry have not been acquired until the Engineer certifies to the Contractor that the right of way or easement is available or that the right of entry

has been received. If the Contractor is delayed due to acts of omission on the part of the Contracting Agency in obtaining easements, rights of entry or right of way, the Contractor will be entitled to an extension of time. The Contractor agrees that such delay shall not be a breach of contract.

Each property owner shall be given 48 hours' notice prior to entry by the Contractor. This includes entry onto easements and private property where private improvements must be adjusted.

The Contractor shall be responsible for providing, without expense or liability to the Contracting Agency, any additional land and access thereto that the Contractor may desire for temporary construction facilities, storage of materials, or other Contractor needs. However, before using any private property, whether adjoining the work or not, the Contractor shall file with the Engineer a written permission of the private property owner, and, upon vacating the premises, a written release from the property owner of each property disturbed or otherwise interfered with by reasons of construction pursued under this contract. The statement shall be signed by the private property owner, or proper authority acting for the owner of the private property affected, stating that permission has been granted to use the property and all necessary permits have been obtained or, in the case of a release, that the restoration of the property has been satisfactorily accomplished. The statement shall include the parcel number, address, and date of signature. Written releases must be filed with the Engineer before the Completion Date will be established.

## **1-08 PROSECUTION AND PROGRESS**

Add the following new section:

### **1-08.0 Preliminary Matters** *(May 25, 2006 APWA GSP)*

Add the following new section:

#### **1-08.0(1) Preconstruction Conference** *(October 21, 2025 APWA GSP)*

Prior to the Contractor beginning the work, a preconstruction conference will be held between the Contractor, the Engineer and such other interested parties as may be invited. The purpose of the preconstruction conference will be:

1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To review Training or Apprenticeship Plans, when applicable.

5. To discuss FSBE Goals when applicable.
6. To establish normal working hours for the work;
7. To review safety standards and traffic control; and
8. To discuss such other related items as may be pertinent to the work.

The Contractor shall prepare and submit at the preconstruction conference the following:

1. A breakdown of all lump sum items;
2. A preliminary schedule of working drawing submittals; and
3. A list of material sources for approval if applicable.

Add the following new section:

**1-08.0(2) Hours of Work**  
(December 8, 2014 APWA GSP)

Except in the case of emergency or unless otherwise approved by the Engineer, the normal working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 7:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the normal working hours stated above, the request must be submitted in writing prior to the preconstruction conference, subject to the provisions below. The working hours for the Contract shall be established at or prior to the preconstruction conference.

All working hours and days are also subject to local permit and ordinance conditions (such as noise ordinances).

If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a written request to the Engineer for consideration. This request shall state what hours are being requested, and why. Requests shall be submitted for review no later than 2 working days prior to the day(s) the Contractor is requesting to change the hours.

If the Contracting Agency approves such a deviation, such approval may be subject to certain other conditions, which will be detailed in writing. For example:

1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency for the costs in excess of straight-time costs for Contracting Agency representatives who worked during such times. (The Engineer may require designated representatives to be present during the work. Representatives who may be deemed necessary by the Engineer include, but are not limited to: survey crews; personnel from the Contracting Agency's material testing lab; inspectors; and other Contracting Agency employees or third party consultants when, in the opinion of the Engineer, such work necessitates their presence.)
2. Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.

3. Considering multiple work shifts as multiple working days with respect to contract time even though the multiple shifts occur in a single 24-hour period.
4. If a 4-10 work schedule is requested and approved the non-working day for the week will be charged as a working day.
5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded properly on certified payroll

### **1-08.1 Subcontracting**

#### **1-08.1(7) Payments to Subcontractors and Lower-Tier Subcontractors**

##### **1-08.1(7)A Payment Reporting** *(November 25, 2024 APWA GSP)*

Delete this section and replace it with the following:

##### **1-08.1(7) VACANT**

#### **1-08.1(8)B Clauses Required in Subcontracts of All Tiers**

*(November 25, 2024 APWA GSP)*

Delete item 8 of the second paragraph of Section 1-08.1(8)B.

#### **1-08.1(9) Submittal of Executed Subcontracts**

Section 1-08.1(9) content and title are deleted and replaced with the following:

*(April 22, 2025 APWA GSP, Option B)*  
**Vacant**

### **1-08.4 Prosecution of Work**

Section 1-08.4 is deleted and replaced with the following:

*(July 23, 2015 APWA GSP)*

#### **1-08.4 Notice to Proceed and Prosecution of Work**

Notice to Proceed will be given after the contract has been executed and the contract bond and evidence of insurance have been approved and filed by the Contracting Agency. The Contractor shall not commence with the work until the Notice to Proceed has been given by the Engineer. The Contractor shall commence construction activities on the project site within ten days of the Notice to Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the work to the physical completion date within the time specified in the contract. Voluntary shutdown or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to complete the work within the time(s) specified in the contract.

When shown in the Plans, the first order of work shall be the installation of high visibility fencing to delineate all areas for protection or restoration, as described in the Contract. Installation of high visibility fencing adjacent to the roadway shall occur after the placement of all necessary signs and traffic control devices in accordance with 1-10.1(2). Upon construction of the fencing, the Contractor shall request the Engineer to inspect the fence. No other work shall be performed on the site until the Contracting Agency has accepted the installation of high visibility fencing, as described in the Contract.

### 1-08.5 Time for Completion

Section 1-08.5 is supplemented with the following:

*(March 13, 1995 WSDOT GSP, Option 7)*

This project shall be physically completed within **90** working days.

Revise the third and fourth paragraphs to read:

*(November 25, 2024 APWA GSP, Option A)*

Contract time shall begin on the first working day following the Notice to Proceed Date.

Each working day shall be charged to the contract as it occurs, until the contract work is physically complete. If substantial completion has been granted and all the authorized working days have been used, charging of working days will cease. Each week the Engineer will provide the Contractor a statement that shows the number of working days: (1) charged to the contract the week before; (2) specified for the physical completion of the contract; and (3) remaining for the physical completion of the contract. The statement will also show the nonworking days and all partial or whole days the Engineer declares as unworkable. The statement will be identified as a Written Determination by the Engineer. If the Contractor does not agree with the Written Determination of working days, the Contractor shall pursue the protest procedures in accordance with Section 1-04.5. By failing to follow the procedures of Section 1-04.5, the Contractor shall be deemed as having accepted the statement as correct. If the Contractor is approved to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked would ordinarily be charged as a working day then the fifth day of that week will be charged as a working day whether or not the Contractor works on that day.

Revise the sixth paragraph to read:

*(November 25, 2024 APWA GSP, Option A)*

The Engineer will give the Contractor written notice of the completion date of the contract after all the Contractor's obligations under the contract have been

performed by the Contractor. The following events must occur before the Completion Date can be established:

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The following documents must be received by the Project Engineer prior to establishing a completion date:
  - a. Certified Payrolls (per Section 1-07.9(5)).
  - b. Material Acceptance Certification Documents
  - c. Monthly Reports in DMCS of the amounts paid including the final payment confirmation to all firms required by Section 1-08.1(7)A if applicable
  - d. Final Contract Voucher Certification
  - e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all Subcontractors
  - f. A copy of the Notice of Termination sent to the Washington State Department of Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of the Notice of Termination by Ecology; and no rejection of the Notice of Termination by Ecology. This requirement will not apply if the Construction Stormwater General Permit is transferred back to the Contracting Agency in accordance with Section 8-01.3(16).
  - g. Property owner releases per Section 1-07.24

### **1-08.9 Liquidated Damages**

Replace Section 1-08.9 with the following:

*(March 3, 2021 APWA GSP, Option A)*

Time is of the essence of the Contract. Delays inconvenience the traveling public, obstruct traffic, interfere with and delay commerce, and increase risk to Highway users. Delays also cost tax payers undue sums of money, adding time needed for administration, engineering, inspection, and supervision.

Accordingly, the Contractor agrees:

1. To pay liquidated damages in the amount as defined in the contract for each working day beyond the number of working days established for Physical Completion, and
2. To authorize the Engineer to deduct these liquidated damages from any money due or coming due to the Contractor.

When the Contract Work has progressed to Substantial Completion as defined in the Contract, the Engineer may determine the Contract Work is Substantially

Complete. The Engineer will notify the Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring after the date so established, liquidated damages identified above will not apply. For overruns in Contract time occurring after the Substantial Completion Date, liquidated damages shall be assessed on the basis of direct engineering and related costs assignable to the project until the actual Physical Completion Date of all the Contract Work. The Contractor shall complete the remaining Work as promptly as possible. Upon request by the Project Engineer, the Contractor shall furnish a written schedule for completing the physical Work on the Contract.

Liquidated damages will not be assessed for any days for which an extension of time is granted. No deduction or payment of liquidated damages will, in any degree, release the Contractor from further obligations and liabilities to complete the entire Contract.

## **1-09 MEASUREMENT AND PAYMENT**

### **1-09.2 Weighing Equipment**

#### **1-09.2(1) General Requirements for Weighing Equipment**

Revise item 4 of the fifth paragraph to read:

*(November 25, 2024 APWA GSP, Option B)*

4. Test results and scale weight records for each day's hauling operations are provided to the Engineer daily. Reporting shall utilize WSDOT form 422-027LP, Scaleman's Daily Report, unless the printed ticket contains the same information that is on the Scaleman's Daily Report Form. The scale operator must provide AM and/or PM tare weights for each truck on the printed ticket.

#### **1-09.2(5) Measurement**

Revise the first paragraph to read:

*(December 30, 2022 APWA GSP)*

**Scale Verification Checks** – At the Engineer's discretion, the Engineer may perform verification checks on the accuracy of each batch, hopper, or platform scale used in weighing contract items of Work.

#### **1-09.6 Force Account**

Supplement this section with the following:

*(December 30, 2022 APWA GSP)*

The Contracting Agency has estimated and included in the Proposal, dollar amounts for all items to be paid per force account, only to provide a common

proposal for Bidders. All such dollar amounts are to become a part of Contractor's total bid. However, the Contracting Agency does not warrant expressly or by implication, that the actual amount of work will correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by the Engineer.

### **1-09.9 Payments**

Delete the fourth paragraph and replace it with the following:

*(July 8, 2024, APWA GSP, Option B)*

Progress payments for completed work and material on hand will be based upon progress estimates prepared by the Engineer. A progress estimate cutoff date will be established at the preconstruction conference.

The initial progress estimate will be made not later than 30 days after the Contractor commences the work, and successive progress estimates will be made every month thereafter until the Completion Date. Progress estimates made during progress of the work are tentative, and made only for the purpose of determining progress payment. The progress estimates are subject to change at any time prior to the calculation of the Final Payment.

The value of the progress estimate will be the sum of the following:

1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of work completed multiplied by the unit price.
2. Lump Sum Items in the Bid Form — based on the approved Contractor's lump sum breakdown for that item, or absent such a breakdown, based on the Engineer's determination.
3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or other storage area approved by the Engineer.
4. Change Orders — entitlement for approved extra cost or completed extra work as determined by the Engineer.

Progress payments will be made in accordance with the progress estimate less:

1. Retainage per Section 1-09.9(1), on non FHWA-funded projects;
2. The amount of Progress Payments previously made; and
3. Funds withheld by the Contracting Agency for disbursement in accordance with the Contract Documents.

Progress payments for work performed shall not be evidence of acceptable performance or an admission by the Contracting Agency that any work has been satisfactorily completed. The determination of payments under the contract will be final in accordance with Section 1-05.1.

## **1-09.11 Disputes and Claims**

### **1-09.11(3) Time Limitation and Jurisdiction**

Revise this section to read:

*(December 30, 2022 APWA GSP)*

For the convenience of the parties to the Contract it is mutually agreed by the parties that all claims or causes of action which the Contractor has against the Contracting Agency arising from the Contract shall be brought within 180 calendar days from the date of final acceptance (Section 1-05.12) of the Contract by the Contracting Agency; and it is further agreed that all such claims or causes of action shall be brought only in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction. The parties understand and agree that the Contractor's failure to bring suit within the time period provided, shall be a complete bar to all such claims or causes of action. It is further mutually agreed by the parties that when claims or causes of action which the Contractor asserts against the Contracting Agency arising from the Contract are filed with the Contracting Agency or initiated in court, the Contractor shall permit the Contracting Agency to have timely access to all records deemed necessary by the Contracting Agency to assist in evaluating the claims or action.

### **1-09.13 Claims Resolution**

#### **1-09.13(3) Arbitration**

##### **1-09.13(3)A Arbitration General**

Revise the third paragraph to read:

*(January 19, 2022 APWA GSP)*

The Contracting Agency and the Contractor mutually agree to be bound by the decision of the arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the Superior Court of the county in which the Contracting Agency's headquarters is located, provided that where claims subject to arbitration are asserted against a county, RCW 36.01.050 shall control venue and jurisdiction of the Superior Court. The decision of the arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall use the Contract as a basis for decisions.

**END OF DIVISION 1**

## DIVISION 2 TEMPORARY FEATURES

### 2-03 PUBLIC CONVENIENCE AND SAFETY

#### 2-03.3 Construction Requirements

### 2-04 TEMPORARY TRAFFIC CONTROL

#### 2-04.3 Construction Requirements

##### 2-04.3(1) Traffic Control Management

Section 2-04.3(1) is supplemented with the following:

*(September 2, 2025 WSDOT GSP, Option 1)*

#### **Work Zone Safety Contingency**

Enhancements to improve the effectiveness of the accepted traffic control plans to increase the safety of the work zones shall be discussed on a weekly basis between the Contractor and the Contracting Agency. Enhancements shall be mutually agreed upon by the Contractor and Engineer prior to performing any Work to implement the enhancement.

Enhancements do not include the use of Uniformed Police Officers or WSP, address changes to the allowed work hour restrictions, or changes to the staging plans in the Contract (if applicable). If allowed by the Engineer, these items will be addressed in accordance with Section 1-04.4.

The Contractor shall be solely responsible for submitting any traffic control plan revision to implement the enhancement in accordance with Section 2-04.3(2).

*(October 3, 2022 WSDOT GSP, Option 2)*

The Traffic Control Supervisor shall be certified by one of the following:

The Northwest Laborers-Employers Training Trust  
27055 Ohio Ave.  
Kingston, WA 98346  
(360) 297-3035  
<https://www.nwlett.edu>

Evergreen Safety Council  
12545 135<sup>th</sup> Ave. NE  
Kirkland, WA 98034-8709  
1-800-521-0778  
<https://www.esc.org>

The American Traffic Safety Services Association

15 Riverside Parkway, Suite 100  
Fredericksburg, Virginia 22406-1022  
Training Dept. Toll Free (877) 642-4637  
Phone: (540) 368-1701  
<https://atssa.com/training>

Integrity Safety  
13912 NE 20th Ave.  
Vancouver, WA 98686  
(360) 574-6071  
<https://www.integritysafety.com>

US Safety Alliance  
(904) 705-5660  
<https://www.ussafetyalliance.com>

K&D Services Inc.  
2719 Rockefeller Ave.  
Everett, WA 98201  
(800) 343-4049  
<https://www.kndservices.net>

**END DIVISION 2**

## **DIVISION 3 EARTHWORK**

### **3-01 CLEARING, GRUBBING AND ROADSIDE CLEANUP**

#### **3-01.2 Disposal of Usable Material and Debris**

The second paragraph in Section 3-01.2 is revised to read:

The Contractor shall use Disposal Method No. 2 per Section 3-01.2(2) of the Standard Specifications.

### **3-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

#### **3-02.3(3) Removal of Pavement, Sidewalks, Curbs and Gutters**

Revise item 1 of the first paragraph of Section 3-02.3(3) with the following:

1. The removed pavement shall become the property of the Contractor and shall be promptly removed from the project.

Revise item 3 of the first paragraph of Section 3-02.3(3) with the following:

3. Make a vertical full depth saw cut between any existing pavement, sidewalk, curb, or gutter that is to remain and the portion to be removed. For concrete pavement removal, a second vertical full depth relief saw cut offset 12 to 18 inches from and parallel to the initial saw cut is also required, unless the Engineer allows otherwise. For removal of bituminous pavement, asphalt planing equipment may be used in lieu of saw cutting provided that a clean vertical edge remains. The equipment and procedures used to make the vertical cut shall be approved by the Engineer. No skip cutting will be allowed.

Section 3-02.3(3) is supplemented with the following:

5. Removing sidewalks, curbs, and gutters shall be as shown in the Plans or as directed by the Engineer. Existing sidewalks, curbs, and gutters shall be removed in full panel sections and shall be removed or saw cut at expansion/contraction joints only.

#### **Pavement Thickness**

The approximate thickness of the existing asphalt pavement has not been observed and may vary throughout the project. It shall be the Bidder's responsibility to observe existing conditions and base their bid accordingly.

#### **3-02.4 Vacant**

Section 3-02.4, including title, is deleted and replaced with the following:

### **3-02.4 Measurement**

Saw Cut Asphalt Concrete Pavement will be measured by the linear foot of saw cut actually completed.

Removing Cement Conc. Sidewalk will be measured by the square yard actually removed.

Removing Cement Conc. Curb and Gutter will be measured per linear foot of cement concrete curb and gutter actually removed.

Removing Cement Conc. Curb will be measured per linear foot of cement concrete curb actually removed.

Pavement removal will be measured by the square yard.

Pole Relocation Incl. Power Meters will be measured by Force Account.

### **3-02.5 Payment**

Section 3-02.5 is supplemented with the following:

All costs to complete the work shall be incidental to the unit costs for complete demolition and site clearing of each property as indicated on the bid form.

### **3-03.3 Construction Requirements**

#### **3-03.3(7) Disposal of Surplus Material**

Section 3-03.3(7) is revised to read:

A waste site has not been provided by the Contracting Agency for the disposal of excess materials and construction debris. The Contractor shall be solely responsible for loading, hauling and the disposal of all surplus material and construction debris in a manner complying with all local, state and federal statutes and regulations.

#### **3-03.3(13) Borrow**

Section 3-03.3(13) is supplemented with the following:

The Contractor must provide the Engineer with written notice at least 24 hours before hauling and placing backfill materials from off-site locations. This notice is essential in scheduling inspection personnel and item quantity ticket takers. Failure by the Contractor to begin hauling and placing materials at the agreed time may result in a penalty equal to the standby cost incurred

by the County. The penalty will be calculated and deducted from the item being hauled.

### **3-03.3(14) Embankment Construction**

Section 3-03.3(14) is supplemented with the following:

#### **3-03.3(14)N Structure Backfill**

The Contractor shall use onsite materials to backfill excavations for structure removal.

### **3-03.5 Payment**

Section 3-03.5 is supplemented with the following:

All costs to complete the work shall be incidental to the unit costs for complete demolition and site clearing of each property as indicated on the bid form.

**END DIVISION 3**

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## **DIVISION 8 MISCELLANEOUS CONSTRUCTION**

### **8-01 EROSION CONTROL AND WATER POLLUTION CONTROL**

#### **8-01.1 Description**

Section 8-01.1 is supplemented with the following:

Kitsap County has applied for a Washington State Department of Ecology NPDES Construction Stormwater General Permit for this project. The County anticipates the permit to be issued prior to the start of construction. The Contractor shall assume and transfer the permit into their name and include in the bid full compliance and administration with the requirements of the General Permit for this Project, including the submittal of the Notice of Termination upon completion of construction.

This work shall include the preparation and implementation of a Temporary Erosion and Sedimentation Control (TESC) Plan by the Contractor for this contract.

#### **8-01.5 Payment**

Section 8-01.5 is supplemented with the following:

All costs to manage and comply with the "NPDES Construction Stormwater General Permit" shall be incidental to the unit costs for complete demolition and site clearing of each property as indicated on the bid form. This shall be full pay for all costs, including but not limited to sampling, monitoring, reporting, coordinating, inspecting and any other expenses, materials and labor necessary to fully comply with the requirements of the permit and terminate it upon completion of the project.

**END DIVISION 8**

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# **DIVISION 3 – DRAWINGS**

PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION  
PROJECT No. PR001386 CPA

KITSAP COUNTY, WASHINGTON  
MAY 2026

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### INDEX

DWG NO.	DESCRIPTION	SHEET NO.
1.	COVER SHEET	- ESCP-0
2.	SITE PLAN	- ESCP-1
3.	612 SIDNEY	- ESCP-2
4.	702 & 706 TAYLOR 809 & 815 AUSTIN 802, 808, 810, 816, & 818 SIDNEY	- ESCP-3
5.	704 SIDNEY	- ESCP-4
6.	803 & 807 CLINE AVE	- ESCP-5
7.	DETAILS	- ESCP-6
8.	DETAILS	- ESCP-7

### RESTORATION NOTES:

- ALL DISTURBED AREAS SHALL BE RESTORED BY HYDROSEEDING IN ACCORDANCE WITH WSDOT SSC M 41-10, SECTION 8-02.
- SEED MIX SHALL BE AS FOLLOWS:
  - 40% Creeping Red Fescue
  - 40% Perennial Ryegrass
  - 10% White Clover
  - 10% Highland Colonial Bentgrass
- PURE LIVE SEED (PLS) APPLICATION RATE SHALL BE AS FOLLOWS (IN LBS/ACRE):
  - 60.00 Perennial Ryegrass
  - 17.00 Creeping Red Fescue
  - 3.00 White Dutch Clover (inoculated)

### GENERAL NOTES:

- CONTRACTOR SHALL REMOVE ALL BUILDINGS, DRIVEWAYS, RETAINING WALLS, FOUNDATIONS, AND OTHER STRUCTURAL ELEMENTS WITHIN THE AREAS BOUNDED BY SILT FENCE, UNLESS OTHERWISE INDICATED. THIS MAY EXTEND BEYOND THE SUBJECT PROPERTIES BOUNDARY LINE.
- ALL VEGETATION AND STRUCTURAL DEBRIS, EXCEPT SOILS AND NATURAL AGGREGATE <6" IN SIZE, SHALL BE REMOVED FROM THE SITE.
- HOLES FROM REMOVED STRUCTURES AND TREES SHALL BE BACKFILLED WITH ONSITE MATERIALS TO PREVENT PONDING WATER. THE CONTRACTOR SHALL GRADE THE SITE TO RESTORE PREDEMOLITION RUNOFF CONDITIONS.
- CONTRACTOR SHALL LIMIT SITE ACCESS TO CONSTRUCTION ENTRANCES AS SHOWN. ALTERNATE ACCESS POINTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE USE. CONTRACTOR SHALL KEEP CONSTRUCTION ENTRANCES WELL MAINTAINED AND SHALL MAKE EVERY EFFORT TO PREVENT TRACKING OF DEBRIS OR MUD OFFSITE. TRACKED SEDIMENT SHALL BE CLEANED FROM ADJACENT RIGHTS-OF-WAY AS NEEDED, BUT NO LESS THAN ONCE PER DAY.
- THE CONSTRUCTION STORMWATER GENERAL PERMIT SHALL BE MANAGED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS OF THE PERMIT AND SHALL ADD OR MODIFY BMP'S AS NEEDED TO ENSURE SEDIMENT DOES NOT LEAVE THE SITE.
- CONTRACTOR SHALL COORDINATE WITH THE CITY OF PORT ORCHARD PUBLIC WORKS DEPARTMENT FOR ABANDONMENT OF WATER AND SEWER SERVICE CONNECTIONS.
- THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF PORT ORCHARD UTILITY DEPARTMENT TO ACQUIRE TEMPORARY WATER ACCESS FOR DUST PREVENTION. TEMPORARY WATER METER RENTAL FEES AND USAGE CHARGES SHALL BE INCIDENTAL TO THE PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL RIGHT-OF-WAY PERMITS AND PREPARING AND SUBMITTING ALL TEMPORARY TRAFFIC CONTROL PLANS. ALL TRAFFIC CONTROL SHALL COMPLY WITH WSDOT WORK ZONE TRAFFIC CONTROL GUIDELINES FOR MAINTENANCE OPERATIONS, LATEST EDITION. <https://www.wsdot.wa.gov/publications/manuals/fulltext/M54-44/Workzone.pdf>
- THE CONTRACTOR SHALL NOT OBSTRUCT ACCESS TO ADJACENT PROPERTIES AT ANY TIME.
- CONTRACTOR SHALL CONTACT THE UTILITY LOCATION HOTLINE (811) AND WORK WITH PUBLIC AND PRIVATE UTILITY PROVIDERS TO IDENTIFY ALL UTILITIES WITHIN THE WORK ZONE BEFORE STARTING WORK. ALL UTILITIES SHALL BE DISCONNECTED FROM THE STRUCTURE AND SAFELY ABANDONED BEFORE DEMOLITION MAY BEGIN.
- CONTRACTOR SHALL DISCONNECT AND ABANDON ALL WATER AND SEWER SERVICE CONNECTIONS FROM EACH PROPERTY, EVEN IF THE STRUCTURES HAVE ALREADY BEEN REMOVED, PER DETAILS 1 AND 2, SHEET ESCP-7.



LOCATION MAP



VICINITY MAP  
NOT TO SCALE



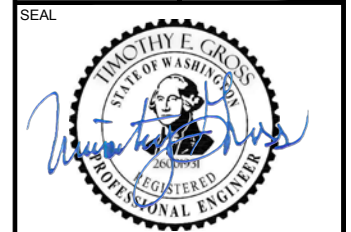
**CALL BEFORE YOU DIG**  
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 OR (800)-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

REVISIONS	DATE	BY

**KitsapCounty**  
PUBLIC WORKS  
CAPITAL FACILITIES DIVISION  
614 Division Street, MS-26  
Port Orchard, WA 98366

COVER SHEET

PROJECT NAME:  
PHASE 0, COURTHOUSE PARKING:  
BUILDING DEMOLITION  
EROSION AND SEDIMENT  
CONTROL PLAN  
KITSAP COUNTY, OR



DESIGNER: TIM GROSS

DRAWN BY: TIM GROSS

APPROVED BY:

DATE: 4-9-26

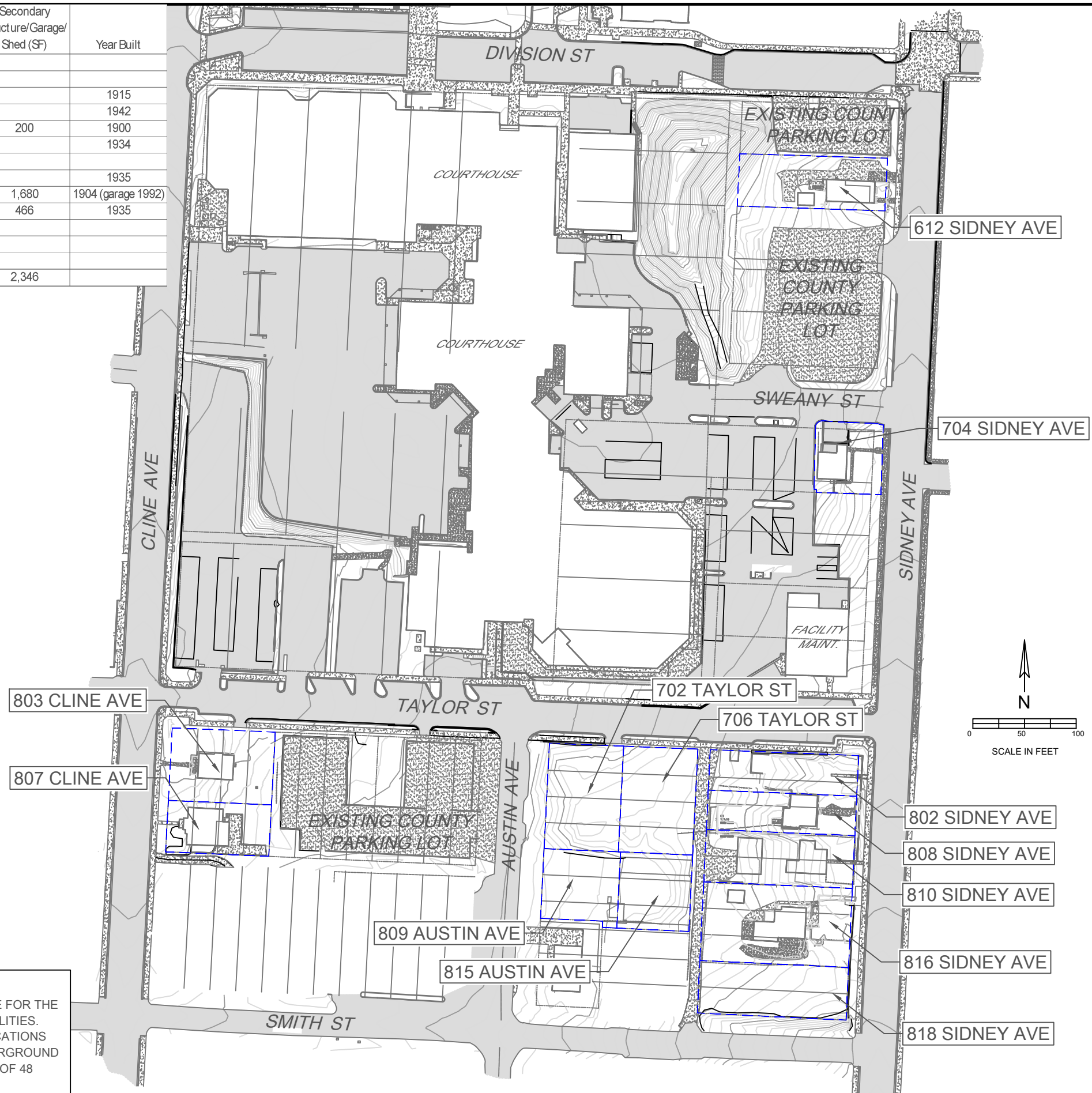
PROJECT NO.: PR001386

DRAWING FILE NO.:

DRAWING NO.: 1 OF 8

SHEET NO.: **ESCP-0**

No	Property Address	TaxID No.	Lot Area (AC)	Primary Structure/House (SF)	Secondary Structure/Garage/Shed (SF)	Year Built
1	809 AUSTIN AVE	4059-008-006-0009	0.12			
2	815 AUSTIN AVE	4059-008-005-0208	0.12			
3	803 CLINE AVE	4059-007-001-0006	0.16	2,226		1915
4	807 CLINE AVE	4059-007-001-0105	0.12	2,908		1942
5	612 SIDNEY AVE	4059-002-009-0009	0.17	1,524	200	1900
6	704 SIDNEY AVE	4059-001-001-0009	0.08	1,626		1934
7	802 SIDNEY AVE	4059-008-019-0004	0.13			
8	808 SIDNEY AVE	4059-008-018-0005	0.13	800		1935
9	810 SIDNEY AVE	4059-008-016-0007	0.17	1,828	1,680	1904 (garage 1992)
10	816 SIDNEY AVE	4059-008-013-0000	0.25	2,044	466	1935
11	818 SIDNEY AVE	4059-008-011-0002	0.17			
12	702 TAYLOR ST	4059-008-001-0103	0.17			
13	706 TAYLOR ST	4059-008-001-0004	0.17			
Total Area:			1.96	12,956	2,346	



BY:	DATE:	REVISIONS:

**KitsapCounty**  
 PUBLIC WORKS  
 CAPITAL FACILITIES DIVISION  
 614 Division Street, MS-26  
 Port Orchard, WA 98366

**SITE PLAN**

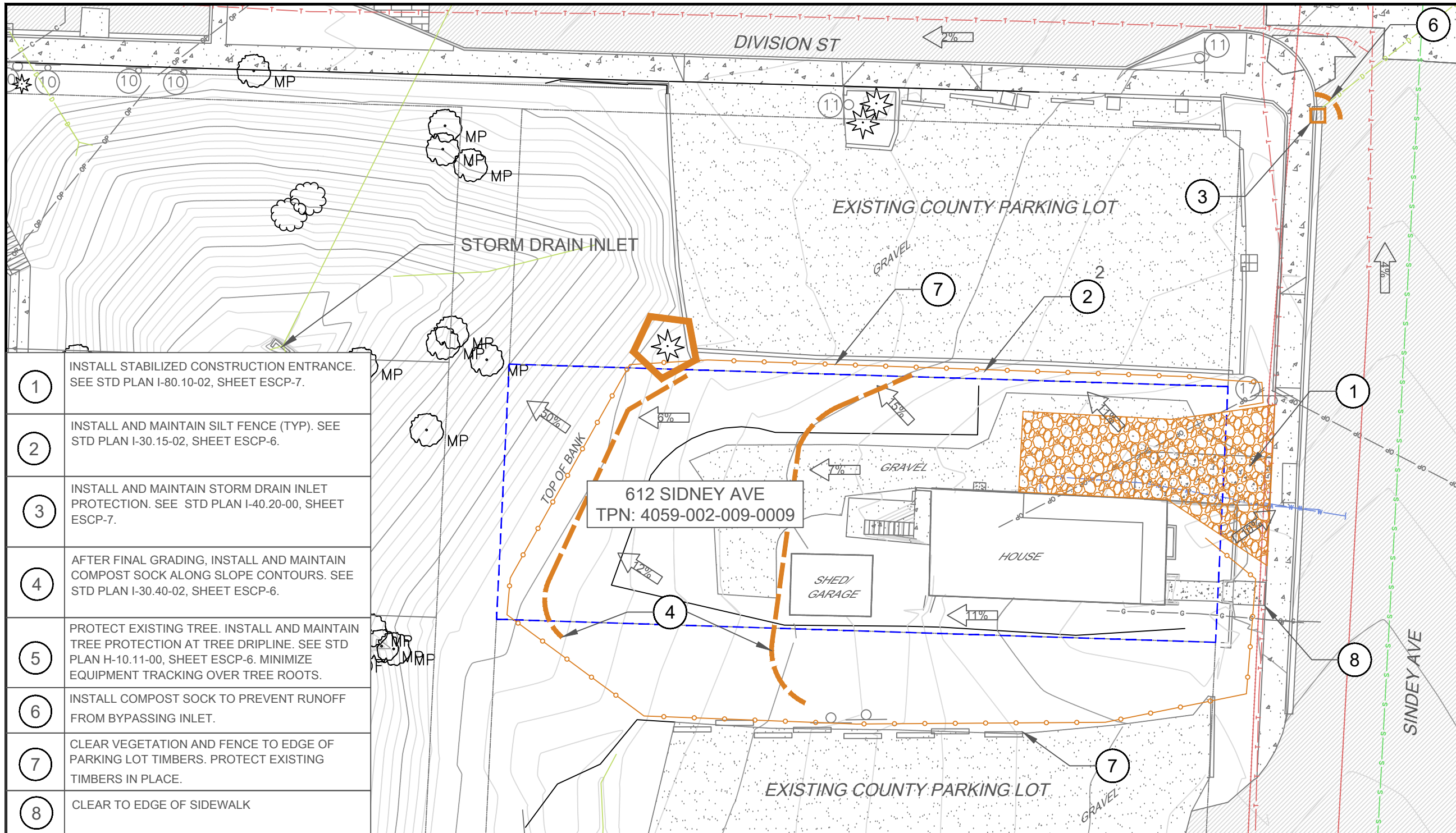
PROJECT NAME:  
 PHASE 0, COURTHOUSE PARKING:  
 BUILDING DEMOLITION  
 EROSION AND SEDIMENT  
 CONTROL PLAN  
 KITSAP COUNTY, OR

SEAL

DESIGNER:	TIM GROSS
DRAWN BY:	TIM GROSS
APPROVED BY:	
DATE:	4-9-26
PROJECT NO.:	PR001386
DRAWING FILE NO.:	
DRAWING NO.:	2 OF 8
SHEET NO.:	<b>ESCP-1</b>

**811 CALL BEFORE YOU DIG**

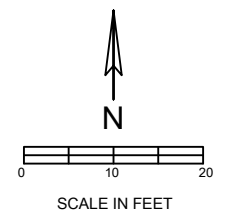
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 OR (800)-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.



- ① INSTALL STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.
- ② INSTALL AND MAINTAIN SILT FENCE (TYP). SEE STD PLAN I-30.15-02, SHEET ESCP-6.
- ③ INSTALL AND MAINTAIN STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.
- ④ AFTER FINAL GRADING, INSTALL AND MAINTAIN COMPOST SOCK ALONG SLOPE CONTOURS. SEE STD PLAN I-30.40-02, SHEET ESCP-6.
- ⑤ PROTECT EXISTING TREE. INSTALL AND MAINTAIN TREE PROTECTION AT TREE DRIPLINE. SEE STD PLAN H-10.11-00, SHEET ESCP-6. MINIMIZE EQUIPMENT TRACKING OVER TREE ROOTS.
- ⑥ INSTALL COMPOST SOCK TO PREVENT RUNOFF FROM BYPASSING INLET.
- ⑦ CLEAR VEGETATION AND FENCE TO EDGE OF PARKING LOT TIMBERS. PROTECT EXISTING TIMBERS IN PLACE.
- ⑧ CLEAR TO EDGE OF SIDEWALK

SEE NOTES SHEET ESCP-0

① 612 SINDEY AVE  
ESCP-2



**LEGEND**

- TREE PROTECTION. SEE STD PLAN H-10.11-00, SHEET ESCP-6
- STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.
- SILT FENCE. SEE STD PLAN I-30.15-02, SHEET ESCP-6.
- COMPOST SOCK. SEE STD PLAN I-30.40-02, SHEET ESCP-6.
- STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.
- FLOW ARROW/PERCENT SLOPE

**811 CALL BEFORE YOU DIG**  
 THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 OR (800)-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

REVISIONS	DATE	BY

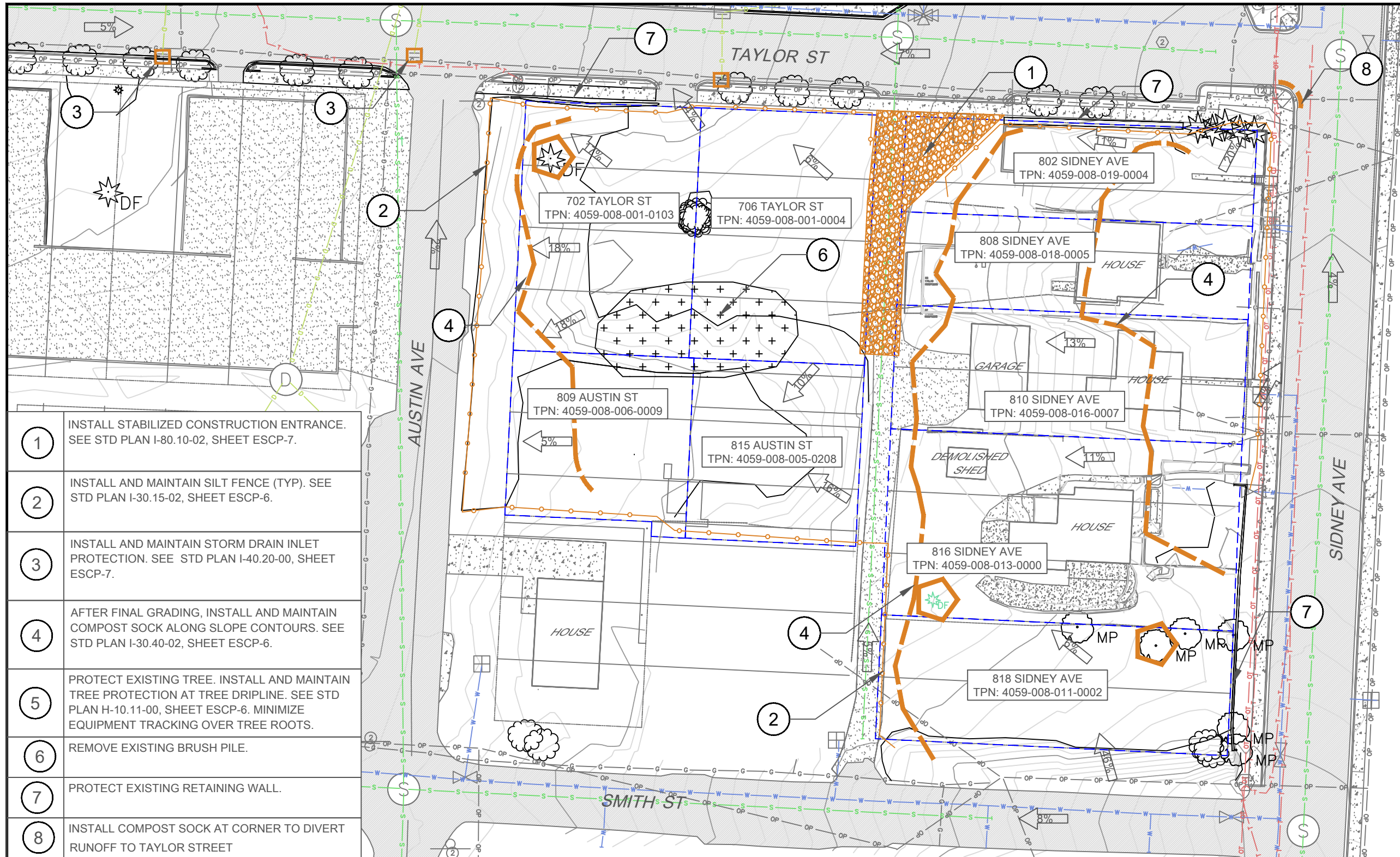
**KitsapCounty**  
 PUBLIC WORKS  
 CAPITAL FACILITIES DIVISION  
 614 Division Street, MS-26  
 Port Orchard, WA 98366

**TESC PLAN**  
 612 SIDNEY AVE

PROJECT NAME:  
 PHASE 0, COURTHOUSE PARKING:  
 BUILDING DEMOLITION  
 EROSION AND SEDIMENT  
 CONTROL PLAN  
 KITSAP COUNTY, OR

SEAL

DESIGNER:	TIM GROSS
DRAWN BY:	TIM GROSS
APPROVED BY:	
DATE:	4-9-26
PROJECT NO.:	PR001386
DRAWING FILE NO.:	
DRAWING NO.:	3 OF 8
SHEET NO.:	<b>ESCP-2</b>



- 1 INSTALL STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.
- 2 INSTALL AND MAINTAIN SILT FENCE (TYP). SEE STD PLAN I-30.15-02, SHEET ESCP-6.
- 3 INSTALL AND MAINTAIN STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.
- 4 AFTER FINAL GRADING, INSTALL AND MAINTAIN COMPOST SOCK ALONG SLOPE CONTOURS. SEE STD PLAN I-30.40-02, SHEET ESCP-6.
- 5 PROTECT EXISTING TREE. INSTALL AND MAINTAIN TREE PROTECTION AT TREE DRIPLINE. SEE STD PLAN H-10.11-00, SHEET ESCP-6. MINIMIZE EQUIPMENT TRACKING OVER TREE ROOTS.
- 6 REMOVE EXISTING BRUSH PILE.
- 7 PROTECT EXISTING RETAINING WALL.
- 8 INSTALL COMPOST SOCK AT CORNER TO DIVERT RUNOFF TO TAYLOR STREET

**811 CALL BEFORE YOU DIG**  
 THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 OR (800)-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

702 & 706 TAYLOR ST  
 809 & 815 AUSTIN AVE  
 802, 808, 810, 816, 818 SIDNEY AVE

1  
 ESCP-3

N  
 0 20 40  
 SCALE IN FEET

**LEGEND**

- TREE PROTECTION. SEE STD PLAN H-10.11-00, SHEET ESCP-6
- STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.
- SILT FENCE. SEE STD PLAN I-30.15-02, SHEET ESCP-6.
- COMPOST SOCK. SEE STD PLAN I-30.40-02, SHEET ESCP-6.
- STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.
- FLOW ARROW/PERCENT SLOPE

REVISIONS	DATE	BY

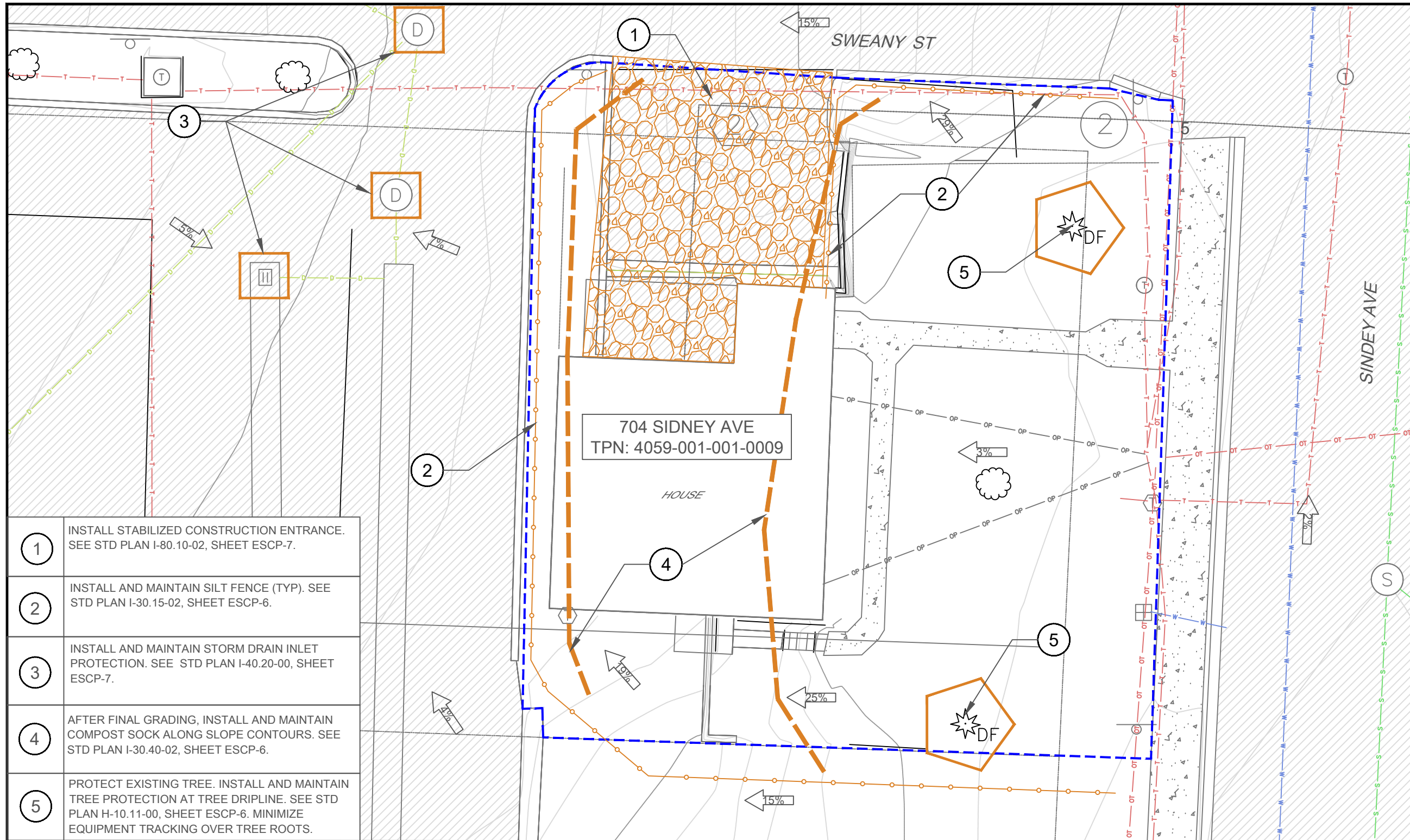
**KitsapCounty**  
 PUBLIC WORKS  
 CAPITAL FACILITIES DIVISION  
 614 Division Street, MS-26  
 Port Orchard, WA 98366

SHEET TITLE: **TESC PLAN**  
 702 & 706 TAYLOR ST  
 809 & 815 AUSTIN AVE  
 802, 808, 810, 816, 818 SIDNEY AVE

PROJECT NAME:  
 PHASE 0, COURTHOUSE PARKING:  
 BUILDING DEMOLITION  
 EROSION AND SEDIMENT  
 CONTROL PLAN  
 KITSAP COUNTY, OR

SEAL

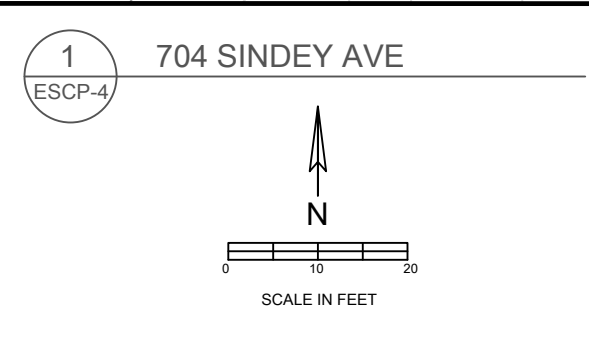
DESIGNER:	TIM GROSS
DRAWN BY:	TIM GROSS
APPROVED BY:	
DATE:	4-9-26
PROJECT NO.:	PR001386
DRAWING FILE NO.:	
DRAWING NO.:	4 OF 8
SHEET NO.:	<b>ESCP-3</b>



- ① INSTALL STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.
- ② INSTALL AND MAINTAIN SILT FENCE (TYP). SEE STD PLAN I-30.15-02, SHEET ESCP-6.
- ③ INSTALL AND MAINTAIN STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.
- ④ AFTER FINAL GRADING, INSTALL AND MAINTAIN COMPOST SOCK ALONG SLOPE CONTOURS. SEE STD PLAN I-30.40-02, SHEET ESCP-6.
- ⑤ PROTECT EXISTING TREE. INSTALL AND MAINTAIN TREE PROTECTION AT TREE DRIPLINE. SEE STD PLAN H-10.11-00, SHEET ESCP-6. MINIMIZE EQUIPMENT TRACKING OVER TREE ROOTS.

SEE NOTES SHEET ESCP-0

**811 CALL BEFORE YOU DIG**  
 THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 OR (800)-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.



**LEGEND**

- TREE PROTECTION. SEE STD PLAN H-10.11-00, SHEET ESCP-6
- STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.
- SILT FENCE. SEE STD PLAN I-30.15-02, SHEET ESCP-6.
- COMPOST SOCK. SEE STD PLAN I-30.40-02, SHEET ESCP-6.
- STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.
- FLOW ARROW/PERCENT SLOPE

REVISIONS	DATE	BY

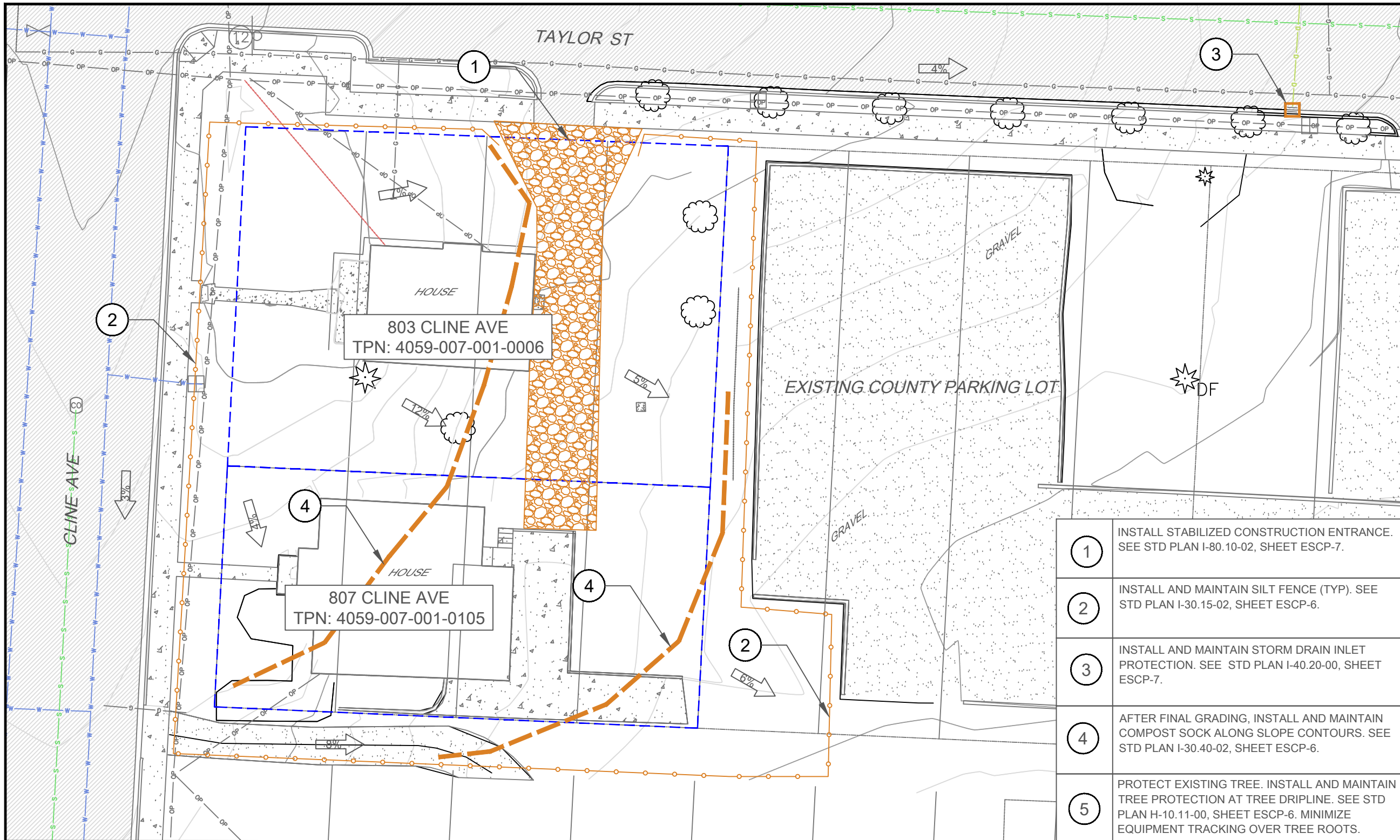
**KitsapCounty**  
 PUBLIC WORKS  
 CAPITAL FACILITIES DIVISION  
 614 Division Street, MS-26  
 Port Orchard, WA 98366

**TESC PLAN**  
 704 SIDNEY AVE

PROJECT NAME:  
 PHASE 0, COURTHOUSE PARKING:  
 BUILDING DEMOLITION  
 EROSION AND SEDIMENT  
 CONTROL PLAN  
 KITSAP COUNTY, OR

DESIGNER: TIM GROSS

DESIGNER:	TIM GROSS
DRAWN BY:	TIM GROSS
APPROVED BY:	
DATE:	4-9-26
PROJECT NO.:	PR001386
DRAWING FILE NO.:	
DRAWING NO.:	5 OF 8
SHEET NO.:	<b>ESCP-4</b>



REVISIONS	DATE	BY

**KitsapCounty**  
 PUBLIC WORKS  
 CAPITAL FACILITIES DIVISION  
 614 Division Street, MS-26  
 Port Orchard, WA 98366

**TESC PLAN**  
 803 & 807 CLINE AVE  
 PROJECT NAME:  
 PHASE 0, COURTHOUSE PARKING:  
 BUILDING DEMOLITION  
 EROSION AND SEDIMENT  
 CONTROL PLAN  
 KITSAP COUNTY, OR

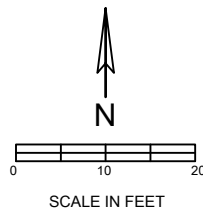
- |   |   |
|---|---|
| 1 | INSTALL STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.  |
| 2 | INSTALL AND MAINTAIN SILT FENCE (TYP). SEE STD PLAN I-30.15-02, SHEET ESCP-6.   |
| 3 | INSTALL AND MAINTAIN STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.   |
| 4 | AFTER FINAL GRADING, INSTALL AND MAINTAIN COMPOST SOCK ALONG SLOPE CONTOURS. SEE STD PLAN I-30.40-02, SHEET ESCP-6.   |
| 5 | PROTECT EXISTING TREE. INSTALL AND MAINTAIN TREE PROTECTION AT TREE DRIPLINE. SEE STD PLAN H-10.11-00, SHEET ESCP-6. MINIMIZE EQUIPMENT TRACKING OVER TREE ROOTS. |



DESIGNER: TIM GROSS  
 DRAWN BY: TIM GROSS  
 APPROVED BY:  
 DATE: 4-9-26  
 PROJECT NO.: PR001386  
 DRAWING FILE NO.:  
 DRAWING NO.: 6 OF 8  
 SHEET NO.: **ESCP-5**

SEE NOTES SHEET ESCP-0

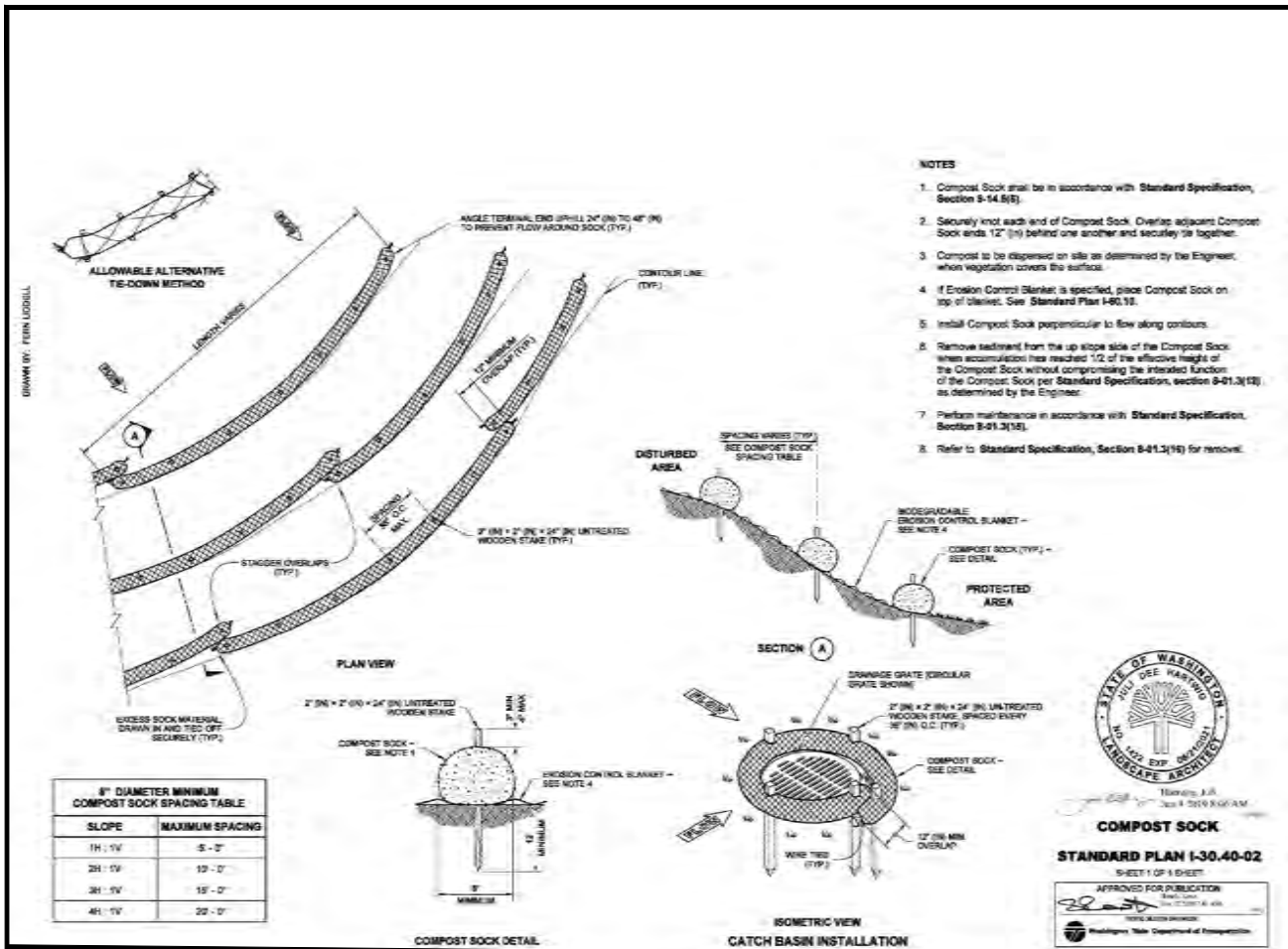
1 803 & 807 CLINE AVE  
 ESCP-5



**LEGEND**

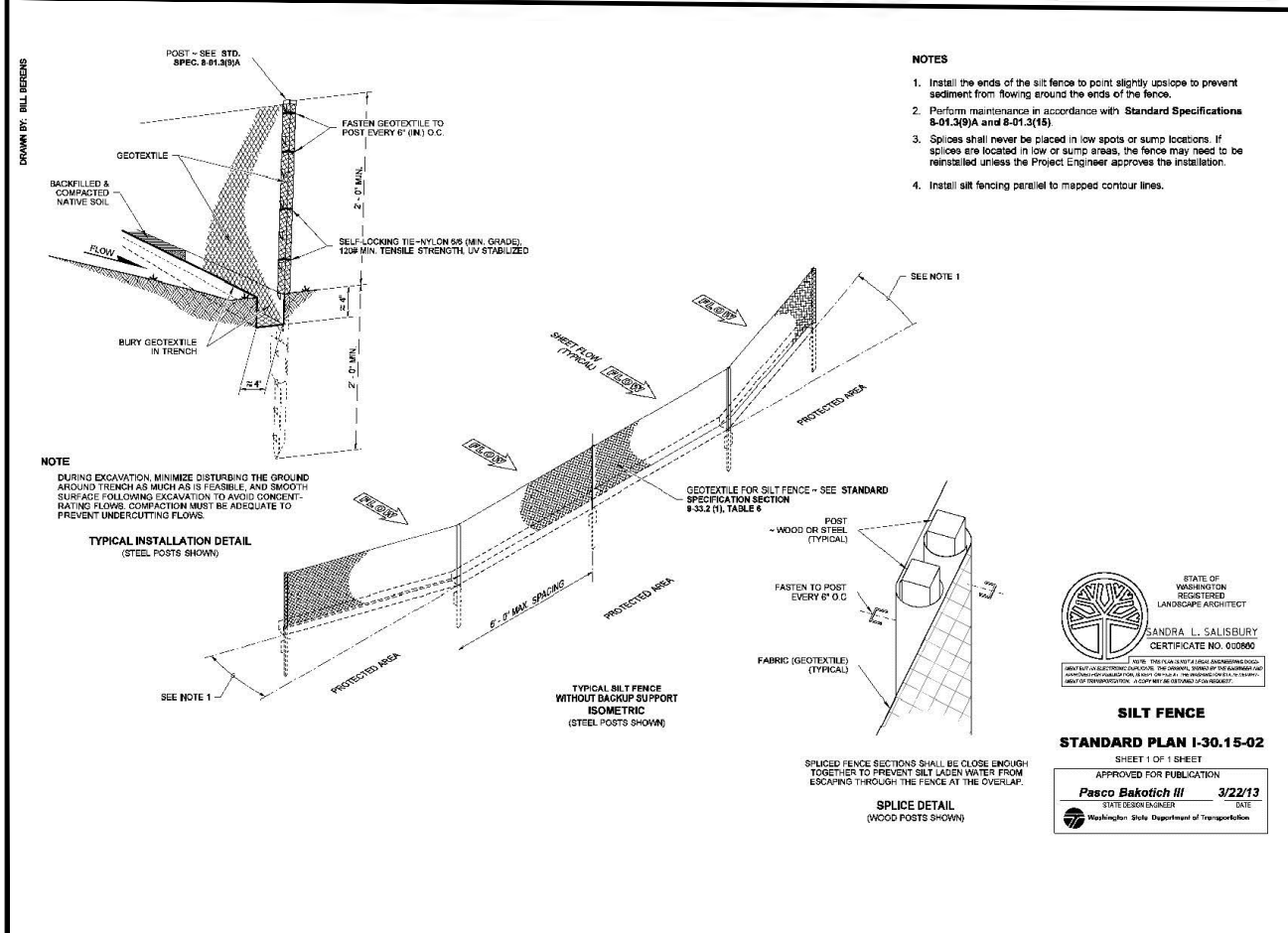
- TREE PROTECTION. SEE STD PLAN H-10.11-00, SHEET ESCP-6
- STORM DRAIN INLET PROTECTION. SEE STD PLAN I-40.20-00, SHEET ESCP-7.
- SILT FENCE. SEE STD PLAN I-30.15-02, SHEET ESCP-6.
- COMPOST SOCK. SEE STD PLAN I-30.40-02, SHEET ESCP-6.
- STABILIZED CONSTRUCTION ENTRANCE. SEE STD PLAN I-80.10-02, SHEET ESCP-7.
- FLOW ARROW/PERCENT SLOPE

**811 CALL BEFORE YOU DIG**  
 THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 OR (800)-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.



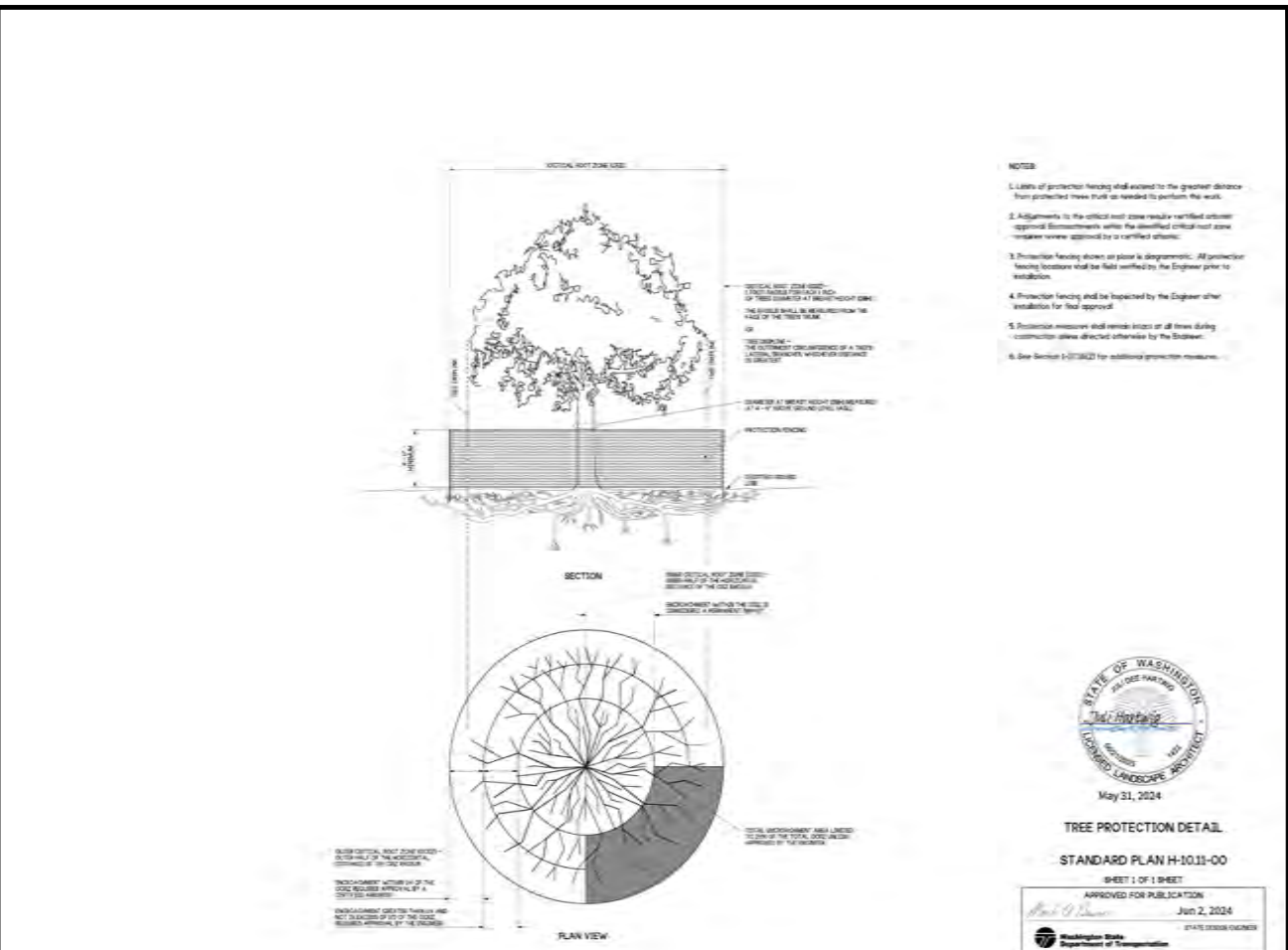
- NOTES**
- Compost Sock shall be in accordance with Standard Specification, Section 8-14.8(8).
  - Securely knot each end of Compost Sock. Overlap adjacent Compost Sock ends 12" (3') behind one another and securely tie together.
  - Compost to be dispersed on site as determined by the Engineer, when vegetation covers the surface.
  - If Erosion Control Blanket is specified, place Compost Sock on top of blanket. See Standard Plan I-90.10.
  - Install Compost Sock perpendicular to flow along contours.
  - Remove sediment from the up slope side of the Compost Sock when accumulation has reached 1/2 of the effective height of the Compost Sock per Standard Specification, section 8-01.3(10), as determined by the Engineer.
  - Perform maintenance in accordance with Standard Specification, Section 8-01.3(15).
  - Refer to Standard Specification, Section 8-01.3(16) for removal.

STATE OF WASHINGTON  
LANDSCAPE ARCHITECT  
ANDREW J. J. J.  
MAY 31, 2024  
COMPOST SOCK  
STANDARD PLAN I-30.40-02  
SHEET 1 OF 1 SHEET  
APPROVED FOR PUBLICATION  
Jun 2, 2024  
Pasco Bakotich III  
STATE DESIGN ENGINEER  
Washington State Department of Transportation



- NOTES**
- Install the ends of the silt fence to point slightly up-slope to prevent sediment from flowing around the ends of the fence.
  - Perform maintenance in accordance with Standard Specifications 8-01.3(9)A and 8-01.3(15).
  - Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless the Project Engineer approves the installation.
  - Install silt fencing parallel to mapped contour lines.

STATE OF WASHINGTON  
LANDSCAPE ARCHITECT  
ANDRA L. SALISBURY  
CERTIFICATE NO. 000800  
MAY 31, 2024  
SILT FENCE  
STANDARD PLAN I-30.15-02  
SHEET 1 OF 1 SHEET  
APPROVED FOR PUBLICATION  
Pasco Bakotich III  
STATE DESIGN ENGINEER  
Washington State Department of Transportation



- NOTES**
- Length of protection fencing shall extend to the greatest distance that protection from frost is needed to perform the work.
  - Alignments to the critical root zone require verified critical root zone approval. Measurements shall be verified by the Engineer prior to installation.
  - Protection fencing shown on plan is diagrammatic. All protection fencing locations shall be field verified by the Engineer prior to installation.
  - Protection fencing shall be inspected by the Engineer after installation for field approval.
  - Protection measures shall remain in place at all times during construction unless otherwise approved by the Engineer.
  - See Section I-07.02(2) for additional protection measures.

STATE OF WASHINGTON  
LANDSCAPE ARCHITECT  
MAY 31, 2024  
TREE PROTECTION DETAIL  
STANDARD PLAN H-10.11-00  
SHEET 1 OF 1 SHEET  
APPROVED FOR PUBLICATION  
Jun 2, 2024  
Washington State Department of Transportation

REVISIONS	DATE	BY:

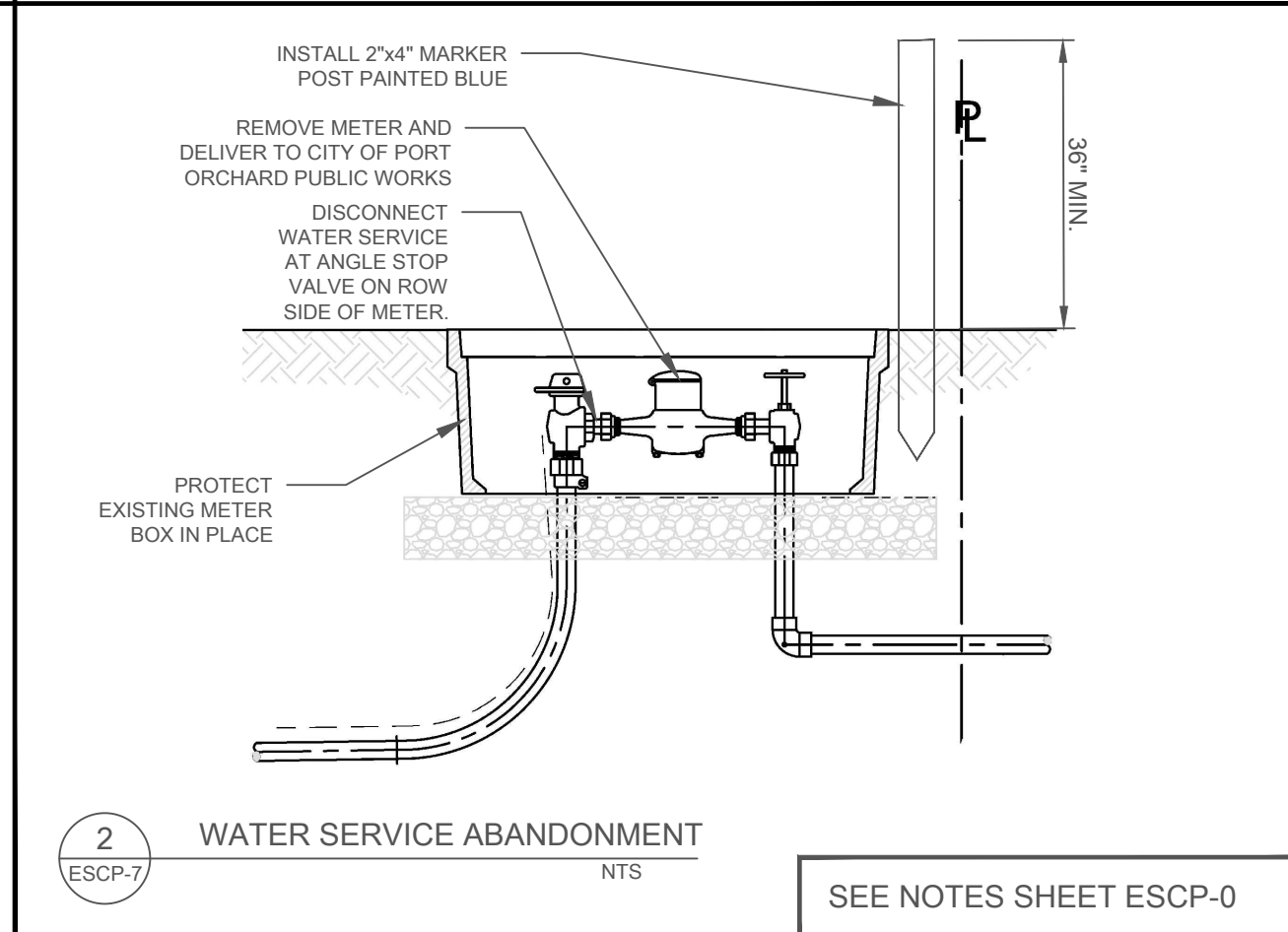
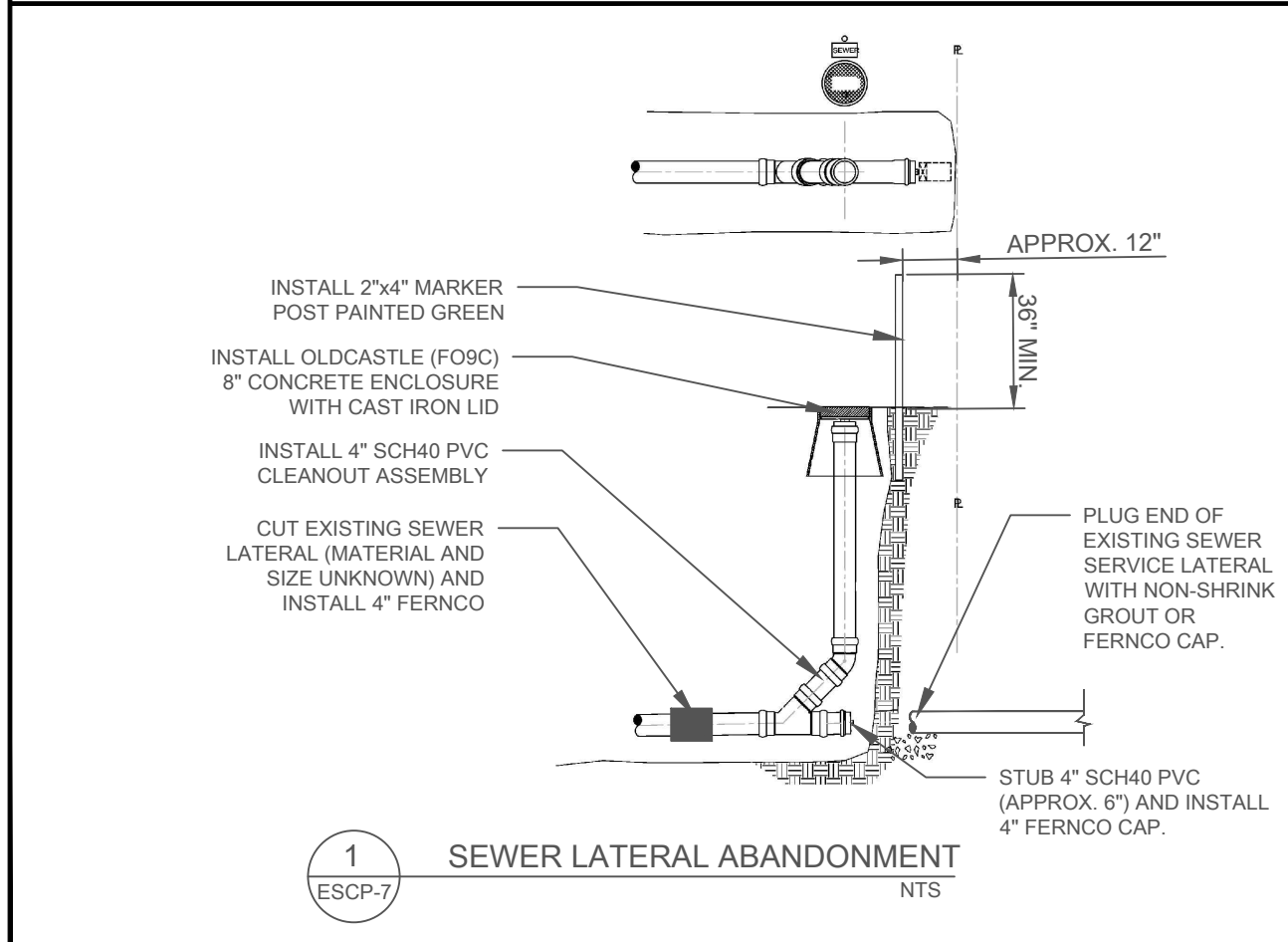
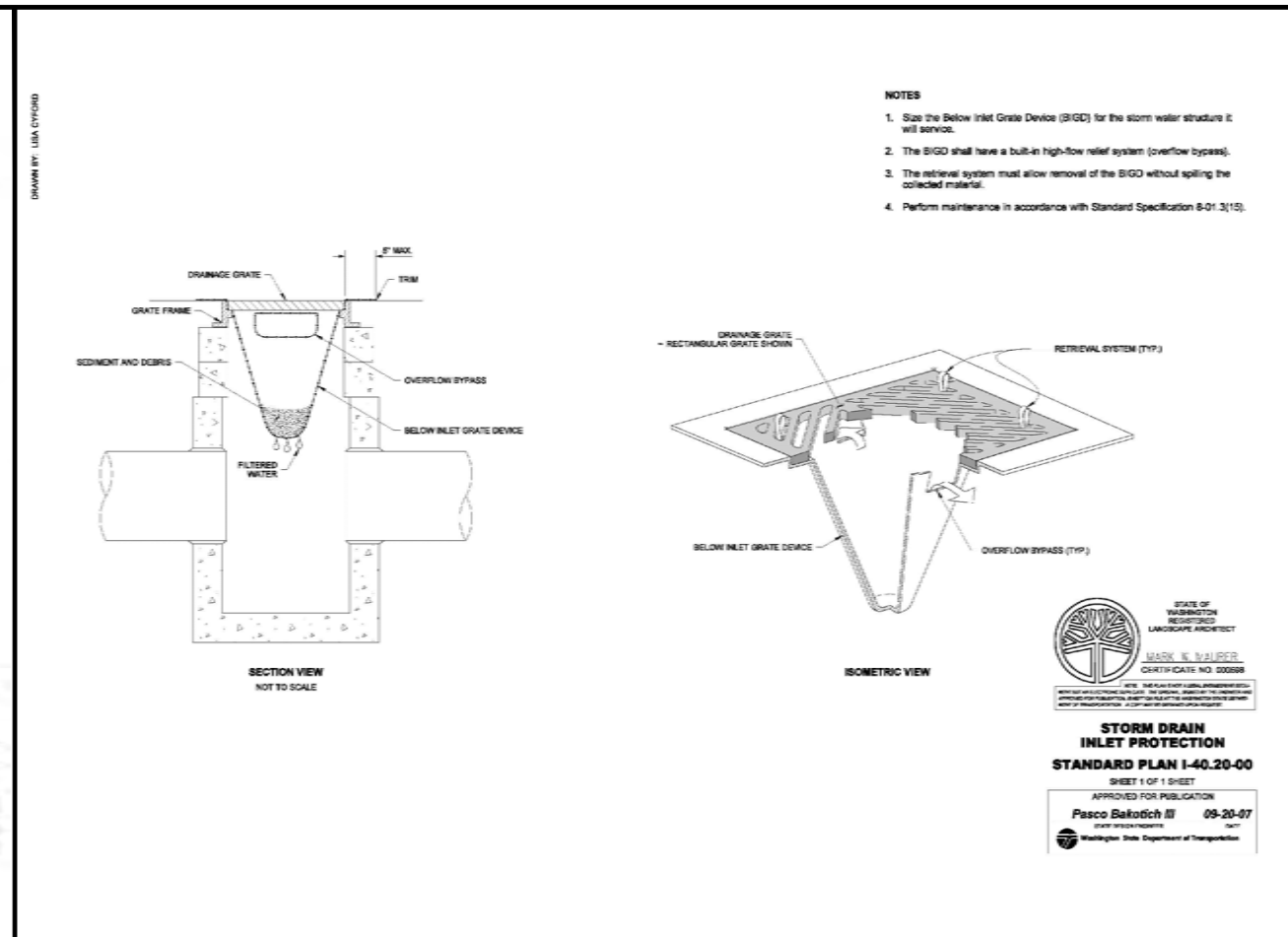
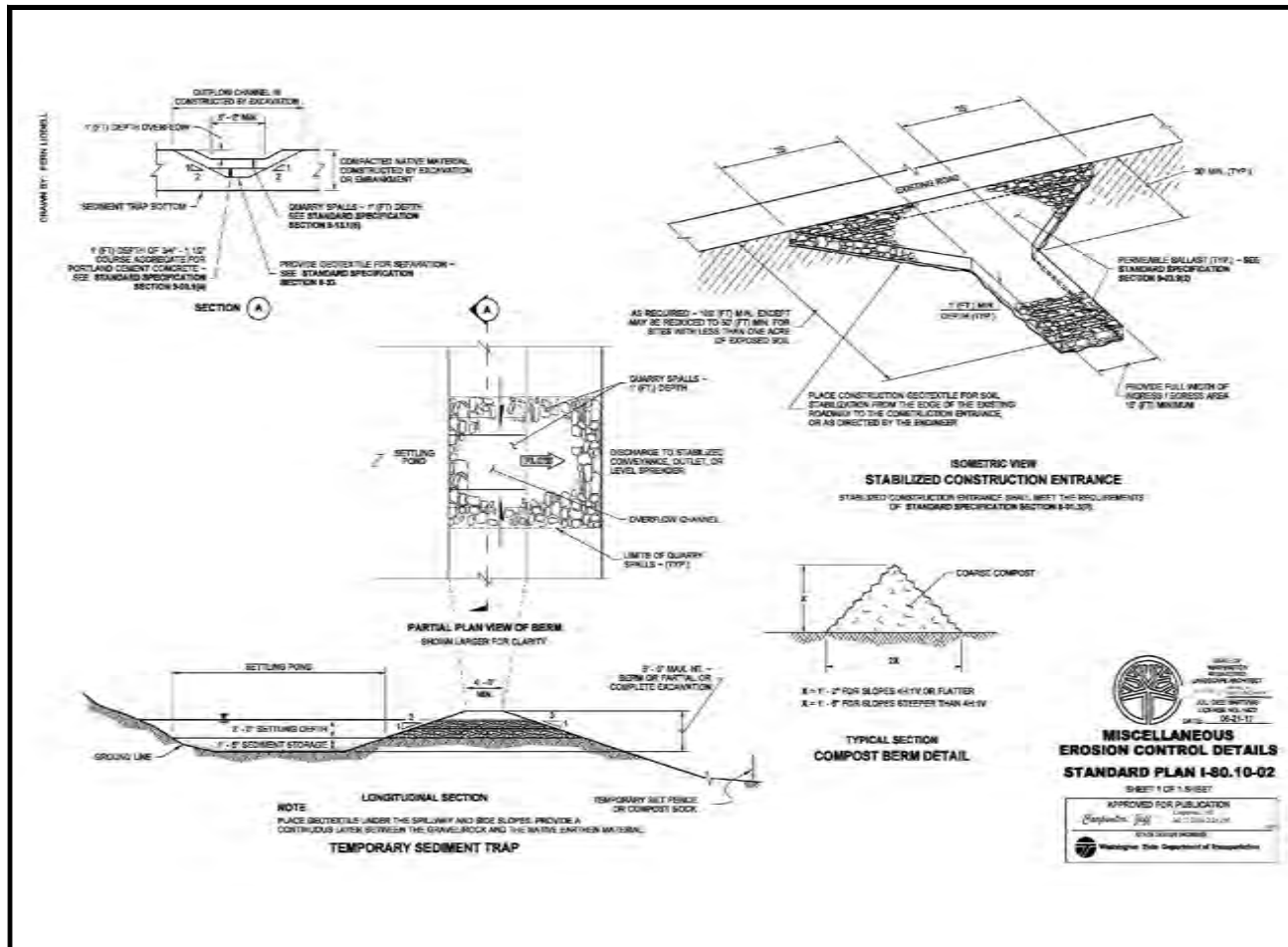
**KitsapCounty**  
PUBLIC WORKS  
CAPITAL FACILITIES DIVISION  
614 Division Street, MS-26  
Port Orchard, WA 98366

SHEET TITLE: DETAILS  
PROJECT NAME: PHASE 0, COURTHOUSE PARKING BUILDING DEMOLITION EROSION AND SEDIMENT CONTROL PLAN  
KITSAP COUNTY, OR

SEAL  
TIMOTHY E. GROSS  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER

DESIGNER:	TIM GROSS
DRAWN BY:	TIM GROSS
APPROVED BY:	
DATE:	4-9-26
PROJECT NO.:	PR001386
DRAWING FILE NO.:	
DRAWING NO.:	7 OF 8
SHEET NO.:	ESCP-6

SEE NOTES SHEET ESCP-0



SEE NOTES SHEET ESCP-0

BY:					
DATE:					
REVISIONS					
Δ					

**KitsapCounty**  
PUBLIC WORKS  
CAPITAL FACILITIES DIVISION  
614 Division Street, MS-26  
Port Orchard, WA 98366

STATE OF WASHINGTON  
REGISTERED LANDSCAPE ARCHITECT  
MARK E. BAUFFER  
CERTIFICATE NO. 20088

SHEET TITLE: DETAILS  
PROJECT NAME: PHASE 0, COURTHOUSE PARKING BUILDING DEMOLITION EROSION AND SEDIMENT CONTROL PLAN  
KITSAP-COUNTY-OR



DESIGNER:	TIM GROSS
DRAWN BY:	TIM GROSS
APPROVED BY:	
DATE:	4-9-26
PROJECT NO.:	PR001386
DRAWING FILE NO.:	
DRAWING NO.:	8 OF 8
SHEET NO.:	<b>ESCP-7</b>



# **DIVISION 4 –** **ADDITIONAL INFORMATION**

PHASE 0, COURTHOUSE PARKING: BUILDING DEMOLITION  
PROJECT No. PR001386 CPA

KITSAP COUNTY, WASHINGTON  
MAY 2026

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April 5, 2023

Ms. Raven Imus  
Program Coordinator  
Kitsap County Facilities Maintenance  
614 Division Street MS-7  
Port Orchard, WA 98366  
Phone: 360.337.7051  
Email: [rimus@co.kitsap.wa.us](mailto:rimus@co.kitsap.wa.us)

**Subject: Pre-Demolition Asbestos and Lead in Paints Inspection Report  
Residence and Garage - 810 Sidney Avenue, Port Orchard, Washington**

Dear Raven,

On March 23, 2023, Rose Environmental conducted a survey for suspect asbestos-containing materials and lead in paint coatings within the residence and garage buildings located at 810 Sidney Avenue in Port Orchard, Washington. The purpose of the inspection was to assess whether building materials contained asbestos or elevated lead in paints prior to a planned demolition project.

### **ASBESTOS SAMPLING – METHODS & RESULTS**

Mr. Tyler Stevens, CSP, an EPA AHERA-accredited inspector from Rose Environmental, (Asbestos Inspector Certification #187430/ Certification Expiration Date: January 19, 2024), conducted the survey. Rose Environmental collected samples of suspect asbestos-containing materials; the samples were collected full depth to the surface of the underlying substrate.

#### *Asbestos Laboratory Analysis*

The bulk samples collected were submitted under strict chain of custody procedures to NVL Laboratories in Seattle, Washington, a qualified independent laboratory for analysis. The asbestos samples were analyzed using polarized light microscopy (PLM) with dispersion staining in accordance with US EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499-504. Polarizing light microscopy quantifies asbestos concentrations at between 100% and 1% detection levels. Levels below 1% can only be stated as "trace."

**TABLE 1: ASBESTOS SAMPLING RESULTS**

Sample ID	Material Description	Location	Asbestos Content	Estimated Quantity
<i>Asbestos Containing Materials</i>				
810-A10	<i>Concealed Under Newer White “tile patterned” sheet vinyl and particleboard overlay in Kitchen &amp; Under “wood-patterned” vinyl plank flooring in Living Room:</i> <b>Green sheet vinyl with Black fibrous backing / Mastic / Black asphaltic felt</b>	<b>Kitchen / Living Room (Underneath Uppermost Flooring Layers)</b>	<b>3% Chrysotile Asbestos in the Concealed Green Sheet Vinyl Layer</b>	<b>~250 SF</b>
810-A14	<i>Concealed underneath carpet:</i> <b>White “wood-patterned” sheet vinyl / Tan mastic</b>	<b>Main Floor SW Bedroom and Hallway</b>	<b>2% Chrysotile Asbestos in the Concealed White Sheet Vinyl Layer</b>	<b>~200 SF</b>
<i>Non-Asbestos Containing Materials</i>				
Garage				
810-A1	Black asphaltic shingles / Black asphaltic felt	Roof	NAD	NA
810-A2	Black asphaltic shingle treads w/ Brown granules	Exterior Stair Treads	NAD	NA
810-A3	Unpainted GWB system	Upper Floor	NAD	NA
810-A4	Tan caulk	Exterior Windows	NAD	NA
House				
810-A5	Wood-patterned vinyl plank flooring / Mastic <i>(see Sample A10 above for further info)</i>	Living Room	NAD	NA
810-A6	White skip-trowel textured plaster top coat / Grey plaster base coat / GWB base layer <i>Stop @ first positive result</i>	Living Room / SE Loft	NAD	NA
810-A7			NAD	NA
810-A8			NAD	NA
810-A9	White tile patterned sheet vinyl w/ Grey fibrous backing / Particleboard <i>(see Sample A10 above for further info)</i>	Kitchen	NAD	NA
810-A11	Grey VCB / Beige + Tan + Brown mastics / Joint compound		NAD	NA
810-A12	White-painted plaster top coat / White plaster base coat w/ Gold speckles <i>Stop @ first positive result</i>	Kitchen @ Chimney in SE Corner	NAD	NA
810-A13			NAD	NA
810-A14			NAD	NA
810-A15	White-painted plaster top coat / Grey plaster base coat <i>Stop @ first positive result</i>	Main Floor SW Bedroom	NAD	NA
810-A16			NAD	NA
810-A17			NAD	NA
810-A19	Tan mottled sheet vinyl w/ Black fibrous backing / Tan mastic	SE Loft	NAD	NA
810-A20	White tile-patterned sheet vinyl w/Grey fibrous backing / Mastic / Plywood / Tan & Green sheet vinyl / Tan mastic	Main Floor Bathroom	NAD	NA

Note: GWB = Gypsum Wallboard      VCB = vinyl cove base      NAD = No asbestos detected

**TABLE 1: ASBESTOS SAMPLING RESULTS – CONTINUED...**

Sample ID	Material Description	Location	Asbestos Content	Estimated Quantity
<i>Non-Asbestos Containing Materials</i>				
810-A21	White-painted GWB system	Main Floor Bathroom	NAD	NA
810-A22	Tan 1' x 1' VCT / Mastic	North Exterior Utility Room	NAD	NA
810-A23	Painted ¼-inch GWB		NAD	NA
810-A24	Black asphaltic vapor barrier / Silver & White asphaltic vapor barrier	North Exterior Utility Room (Exterior walls)	NAD	NA
810-A25	White painted textured GWB system (corner)	Basement / Stairs	NAD	NA
810-A26	White painted textured GWB system (field)		NAD	NA
810-A27	Tan / White mastic under carpet	Basement	NAD	NA
810-A28	Tan / Red “tile-patterned” sheet vinyl w/ Grey fibrous backing / Mastic	Laundry / Basement Bathroom	NAD	NA
810-A29	Unpainted GWB system	HVAC Closet	NAD	NA
810-A30	White-painted CMU / Grey mortar	Basement Exterior Foundation	NAD	NA
810-A31	Brown-painted skim coat on wood	Stairs @ Ledge	NAD	NA

Note: GWB = Gypsum Wallboard      CMU = Concrete Masonry Unit      VCT = vinyl composition tile  
 VCB = vinyl cove base      NAD = No asbestos detected

**In summary, the survey and laboratory results revealed that:**

- A) Approximately 250 square feet of **concealed green sheet vinyl flooring**, as found below white tile-patterned sheet vinyl and particleboard overlay in the Kitchen and under brown “wood-patterned” vinyl plank flooring in the Living Room, **contained 3% chrysotile asbestos.**
- B) Approximately 200 square feet of **concealed white “wood-patterned” sheet vinyl flooring**, as found below carpet in the Main Floor Southwest Bedroom and adjacent Hallway, **contained 2% chrysotile asbestos.**

**Photos 1-3: Representative Photos of Green Sheet Vinyl (Under Vinyl Plank Flooring) in Living Room (L), White Sheet Vinyl over Plywood and Concealed Green Sheet Vinyl in Kitchen (C), and White “Wood-Patterned Sheet Vinyl in SW Bedroom and Hallway on Main Floor of House (R):**



## LEAD SAMPLING – METHODS & RESULTS

Rose Environmental collected a full-depth (to substrate) paint samples which might be disturbed as part of the demolition project. Bulk samples were submitted under strict chain of custody procedures to NVL Laboratories in Seattle, Washington, which is accredited by the American Industrial Hygiene Association (AIHA) Environmental Lead Accreditation Program.

<b>TABLE 2: LEAD PAINT SAMPLING RESULTS</b>			
<b>Sample ID</b>	<b>Description</b>	<b>Location</b>	<b>Lead Content (%)</b>
810-A1	White paint + layers on plaster walls and ceiling	Main Floor Southwest Bedroom	0.040
810-A2	White paint + layers on plaster walls and ceiling	Kitchen/Living Room	0.58
810-A3	Cream wall paint on GWB	North Exterior Utility Room	0.18
810-A4	White textured paint on GWB	Basement	<0.0054
810-A5	Brown paint on wood	Stairwell Ledge	<0.017
810-A6	Green wood trim paint	Exterior Doors/Windows	<0.024
810-A7	Light Green paint on wood threshold	North Exterior Utility Room	0.078
810-A8	Cream/Green paint on wood door trim		1.7
810-A9	White paint on wood door/trim	Main Floor Southwest Bedroom	0.057

**In summary, the survey and laboratory results revealed that the following paint materials sampled contained detectable amounts of lead:**

1. White paint + layers, as found on the plaster walls and ceilings throughout the Main Floor, contained 0.040 to 0.58% lead.
2. Cream paint, as found on the GWB within the North Exterior Utility Room, contained 0.18% lead.
3. Light green paint, as found on the wood threshold within the North Exterior Utility Room, contained 0.078% lead.
4. Cream and green paint layers, as found on the wood trim/door within the North Exterior Utility Room, contained 1.7% lead.
5. White paint, as found on the wood trim/door within the Main Floor Southwest Bedroom contained 0.057% lead.

**Photos 4-6: Representative Photos of Lead-Containing Paint on Wood Trim and Plaster Walls at Southwest Bedroom and Hall (L), and Cream Paint on GWB Walls (C), and on Wood Door and Trim Components at North Exterior Utility Room (R):**



## CONCLUSIONS

### *Asbestos*

In summary, the results of Rose Environmental’s March 23, 2023 asbestos inspection within the 810 Sidney Avenue Residence, confirmed asbestos content greater than one percent in concealed sheet vinyl flooring found below more recent vinyl flooring or carpet layers within the Kitchen, Living Room, Hallway, and Southwest Bedroom on the Main Floor (see above for details).

Asbestos-containing materials are required to be removed and disposed of in accordance with Washington State Regulations prior to any demolition, renovation, or remodeling that would disturb these materials. Washington State Department of Labor and Industries and PSCAA require that the abatement be performed using Certified Asbestos Workers under the direct on-site supervision of a Certified Asbestos Supervisor.

### *Lead in Paints*

Disturbance of materials coated with lead-containing paint must be conducted in accordance with worker protection requirements in WAC 296-155, Lead in Construction. In addition, waste streams should be evaluated for lead content prior to disposal by EPA Toxicity Characteristic Leachate Procedure (TCLP) to ensure RCRA classifications are considered. Rose Environmental’s paint survey is not intended to identify or mitigate lead dust hazards to residents (as required by EPA’s Lead Renovation, Repair, and Painting (RRP) Program).

### *Limitations of Survey*

Asbestos and lead paints inspections are non-comprehensive by nature and our assessment is limited to only those locations inspected and sampled. This survey was not designed to identify all potential concerns or eliminate all risk associated with abatement. No warranty, express or implied, is made. Rose Environmental LLC is not responsible for materials which require destructive means to access, or materials which are hidden from sight, those materials hidden

behind walls, or materials which cannot be found with reasonable diligence. Rose Environmental LLC performed this inspection in accordance with the generally accepted standards of care that exist in the industrial hygiene profession in Washington State at the time of this study.

It has been a pleasure assisting you with this assessment. Should you have any questions regarding this summary, feel free to contact me via phone or email.

Respectfully,



Tyler Stevens, CSP  
Industrial Hygienist  
Rose Environmental LLC

Reviewed by,



Martin Rose, CIH, CSP  
Principal/Senior Consultant  
Rose Environmental LLC

*Attachments: NVL Lab Reports #2304731 (asbestos) & #2304730 (lead in paints)  
Photographic Contact Sheets*

March 30, 2023



Martin Rose  
Rose Environmental  
6715 Greenwood Ave. N  
Seattle, WA 98107

**RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2304731.00**

Client Project: 12497-8105-ASB  
Location: N-A

Dear Mr. Rose,

Enclosed please find test results for the 31 sample(s) submitted to our laboratory for analysis on 3/24/2023.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Munaf Khan, Laboratory Director



Testing

Lab Code: 102063-0

Enc.: Sample Results

**Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)**  
**4708 Aurora Avenue North | Seattle, WA 98103-6516**



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2304731.00**  
 Client Project #: 12497-8105-ASB  
 Date Received: 3/24/2023  
 Samples Received: 31  
 Samples Analyzed: 31  
 Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
 Project Location: N-A

**Lab ID: 23029530      Client Sample #: 810-A1**

Location: N-A

**Layer 1 of 2      Description:** Black asphaltic material with mineral grains and granules

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
Asphalt/Binder, Asphaltic Particles, Mineral grains	Glass fibers 51%	<b>None Detected ND</b>
Granules		

**Layer 2 of 2      Description:** Black asphaltic fibrous material

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
Asphalt/Binder, Asphaltic Particles	Cellulose 60%	<b>None Detected ND</b>

**Lab ID: 23029531      Client Sample #: 810-A2**

Location: N-A

**Layer 1 of 1      Description:** Black asphaltic material with mineral grains and granules

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
Asphalt/Binder, Asphaltic Particles, Granules	Glass fibers 53%	<b>None Detected ND</b>
Mineral grains		

**Lab ID: 23029532      Client Sample #: 810-A3**

Location: N-A

**Layer 1 of 1      Description:** White chalky material with paper

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
Fine particles, Gypsum/Binder, Fine grains	Cellulose 19%	<b>None Detected ND</b>
	Glass fibers 5%	

**Lab ID: 23029533      Client Sample #: 810-A4**

Location: N-A

<b>Sampled by:</b> Client		
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2304731.00**  
 Client Project #: 12497-8105-ASB  
 Date Received: 3/24/2023  
 Samples Received: 31  
 Samples Analyzed: 31  
 Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
 Project Location: N-A

<b>Layer 1 of 1</b>	<b>Description:</b> Beige rubbery material			<b>Asbestos Type: %</b>
	Non-Fibrous Materials:	Other Fibrous Materials: %		
	Fine particles, Rubber/Binder, Wood flakes	Cellulose 9%		<b>None Detected ND</b>

**Lab ID: 23029534**      **Client Sample #: 810-A5**

Location: N-A

<b>Layer 1 of 3</b>	<b>Description:</b> Brown/black vinyl with wood pattern and adhesive			<b>Asbestos Type: %</b>
	Non-Fibrous Materials:	Other Fibrous Materials: %		
	Rubber/Binder, Fine particles, Adhesive/Binder	Cellulose 1%		<b>None Detected ND</b>

<b>Layer 2 of 3</b>	<b>Description:</b> Green linoleum			<b>Asbestos Type: %</b>
	Non-Fibrous Materials:	Other Fibrous Materials: %		
	Linoleum/Binder, Fine particles	Cellulose 22%		<b>None Detected ND</b>


<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic fibrous backing with mastic and sandy material			<b>Asbestos Type: %</b>
	Non-Fibrous Materials:	Other Fibrous Materials: %		
	Asphaltic Particles, Mastic/Binder	Cellulose 42%		<b>None Detected ND</b>

**Lab ID: 23029535**      **Client Sample #: 810-A6**

Location: N-A

<b>Layer 1 of 2</b>	<b>Description:</b> White and gray cementitious material with paint			<b>Asbestos Type: %</b>
	Non-Fibrous Materials:	Other Fibrous Materials: %		
	Paint, Binder/Filler, Fine particles	Cellulose 12%		<b>None Detected ND</b>
	Quartz, Mineral grains, Granules	Wollastonite 5%		
	Wood flakes/fibers			

<b>Layer 2 of 2</b>	<b>Description:</b> White chalky material with wood chips and paper			<b>Asbestos Type: %</b>
	Non-Fibrous Materials:	Other Fibrous Materials: %		
	Fine particles, Gypsum/Binder, Wood chips	Cellulose 32%		<b>None Detected ND</b>

<b>Sampled by:</b> Client		
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
Address: 6715 Greenwood Ave. N  
Seattle, WA 98107

**Batch #: 2304731.00**  
Client Project #: 12497-8105-ASB  
Date Received: 3/24/2023  
Samples Received: 31  
Samples Analyzed: 31  
Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
Project Location: N-A

**Lab ID: 23029536**

**Client Sample #: 810-A7**

Location: N-A

**Layer 1 of 2**

**Description:** White and gray cementitious material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: % None Detected ND</b>
Paint, Binder/Filler, Fine particles	Cellulose 13%	
Quartz, Mineral grains, Granules	Wollastonite 4%	
Wood flakes/fibers		

**Layer 2 of 2**

**Description:** White chalky material with wood chips and paper

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: % None Detected ND</b>
Fine particles, Gypsum/Binder, Wood chips	Cellulose 28%	
Fine grains		

**Lab ID: 23029537**

**Client Sample #: 810-A8**

Location: N-A

**Layer 1 of 2**


**Description:** White and gray cementitious material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: % None Detected ND</b>
Paint, Binder/Filler, Fine particles	Cellulose 14%	
Quartz, Mineral grains, Granules	Wollastonite 4%	
Wood flakes/fibers		

**Layer 2 of 2**

**Description:** White chalky material with wood chips and paper

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: % None Detected ND</b>
Fine particles, Gypsum/Binder, Wood chips	Cellulose 30%	
Fine grains		

<b>Sampled by:</b> Client		 Munaf Khan, Laboratory Director
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2304731.00**  
 Client Project #: 12497-8105-ASB  
 Date Received: 3/24/2023  
 Samples Received: 31  
 Samples Analyzed: 31  
 Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
 Project Location: N-A

<b>Lab ID: 23029538</b>	<b>Client Sample #: 810-A9</b>		
Location: N-A			
<b>Layer 1 of 2</b>	<b>Description:</b> White sheet vinyl		
	Non-Fibrous Materials: Vinyl/Binder, Fine particles	Other Fibrous Materials:% None Detected ND	<b>Asbestos Type: % None Detected ND</b>
<b>Layer 2 of 2</b>	<b>Description:</b> Gray paper backing with soaked in tan mastic		
	Non-Fibrous Materials: Fine particles, Mastic/Binder, Wood chips	Other Fibrous Materials:% Cellulose 60% Glass fibers 12%	<b>Asbestos Type: % None Detected ND</b>

<b>Lab ID: 23029539</b>	<b>Client Sample #: 810-A10</b>		
Location: N-A			
<b>Layer 1 of 3</b>	<b>Description:</b> Off-white vinyl tile		
	Non-Fibrous Materials: Vinyl/Binder, Fine particles, Fine grains	Other Fibrous Materials:% None Detected ND	<b>Asbestos Type: % Chrysotile 3%</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Tan brittle mastic with black asphaltic mastic		
	Non-Fibrous Materials: Asphaltic Particles, Mastic/Binder	Other Fibrous Materials:% Cellulose 3%	<b>Asbestos Type: % None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic fibrous backing with brown mastic		
	Non-Fibrous Materials: Asphaltic Particles, Mastic/Binder, Wood flakes	Other Fibrous Materials:% Cellulose 44%	<b>Asbestos Type: % None Detected ND</b>

<b>Lab ID: 23029540</b>	<b>Client Sample #: 810-A11</b>		
Location: N-A			
<b>Layer 1 of 4</b>	<b>Description:</b> Gray rubbery material		
	Non-Fibrous Materials: Fine particles, Rubber/Synthetic Binder	Other Fibrous Materials:% None Detected ND	<b>Asbestos Type: % None Detected ND</b>

<b>Sampled by:</b> Client		
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2304731.00**  
 Client Project #: 12497-8105-ASB  
 Date Received: 3/24/2023  
 Samples Received: 31  
 Samples Analyzed: 31  
 Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
 Project Location: N-A

<b>Layer 2 of 4</b>	<b>Description:</b> White brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>
<b>Layer 3 of 4</b>	<b>Description:</b> Brown brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder, Fine grains	Cellulose 3%		<b>None Detected ND</b>
		Wollastonite 2%		
<b>Layer 4 of 4</b>	<b>Description:</b> White sandy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Binder/Filler, Fine particles	Cellulose <1%		<b>None Detected ND</b>

**Lab ID: 23029541**      **Client Sample #: 810-A12**  
 Location: N-A


<b>Layer 1 of 1</b>	<b>Description:</b> White sandy material with multi-colored of paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Binder/Filler, Fine particles	Cellulose 1%		<b>None Detected ND</b>
	Perlite, Fine grains			

**Lab ID: 23029542**      **Client Sample #: 810-A13**  
 Location: N-A

<b>Layer 1 of 1</b>	<b>Description:</b> White sandy material with multi-colored of paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Binder/Filler, Fine particles	Cellulose 4%		<b>None Detected ND</b>
	Perlite, Fine grains, Wood fibers			

**Lab ID: 23029543**      **Client Sample #: 810-A14**  
 Location: N-A

**Sampled by:** Client  
**Analyzed by:** Muhammad Yousuf      **Date:** 03/28/2023  
**Reviewed by:** Munaf Khan      **Date:** 03/30/2023

  
 \_\_\_\_\_  
 Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
Address: 6715 Greenwood Ave. N  
Seattle, WA 98107

**Batch #: 2304731.00**  
Client Project #: 12497-8105-ASB  
Date Received: 3/24/2023  
Samples Received: 31  
Samples Analyzed: 31  
Method: EPA/600/R-93/116


**Attention: Mr. Martin Rose**  
Project Location: N-A

<b>Layer 1 of 1</b>	<b>Description:</b> White sandy material with multi-colored of paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Binder/Filler, Fine particles	Cellulose	1%	<b>None Detected ND</b>
	Perlite, Fine grains			

<b>Lab ID: 23029544</b>	<b>Client Sample #: 810-A15</b>			
Location: N-A				
<b>Layer 1 of 1</b>	<b>Description:</b> White and gray cementitious material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Binder/Filler, Fine particles	Cellulose	9%	<b>None Detected ND</b>
	Mineral grains, Granules, Gravel	Wollastonite	2%	
	Wood fibers			

<b>Lab ID: 23029545</b>	<b>Client Sample #: 810-A16</b>			
Location: N-A				
<b>Layer 1 of 1</b>	<b>Description:</b> White and gray cementitious material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Binder/Filler, Fine particles	Cellulose	7%	<b>None Detected ND</b>
	Mineral grains, Granules, Gravel	Wollastonite	3%	
	Wood fibers			

<b>Lab ID: 23029546</b>	<b>Client Sample #: 810-A17</b>			
Location: N-A				
<b>Layer 1 of 1</b>	<b>Description:</b> White and gray cementitious material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Binder/Filler, Fine particles	Cellulose	8%	<b>None Detected ND</b>
	Mineral grains, Granules, Gravel	Wollastonite	2%	

<b>Sampled by:</b> Client		
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2304731.00**  
 Client Project #: 12497-8105-ASB  
 Date Received: 3/24/2023  
 Samples Received: 31  
 Samples Analyzed: 31  
 Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
 Project Location: N-A

Wood fibers

<b>Lab ID: 23029547</b>	<b>Client Sample #: 810-A18</b>		
Location: N-A			
<b>Layer 1 of 2</b>	<b>Description:</b> Off-white vinyl tile with deep beige speckles		
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Vinyl/Binder, Fine particles, Fine grains	Wollastonite <1%	<b>Chrysotile 2%</b>
<b>Layer 2 of 2</b>	<b>Description:</b> Tan adhesive		
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Fine particles, Adhesive/Binder	Cellulose 3%	<b>None Detected ND</b>

<b>Lab ID: 23029548</b>	<b>Client Sample #: 810-A19</b>		
Location: N-A			
<b>Layer 1 of 2</b>	<b>Description:</b> Tan linoleum with green speckles		
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Linoleum/Binder, Fine particles	Cellulose 18%	<b>None Detected ND</b>
<b>Layer 2 of 2</b>	<b>Description:</b> Black asphaltic fibrous backing with brown mastic and sandy material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Asphaltic Particles, Mastic/Binder	Cellulose 43%	<b>None Detected ND</b>

<b>Lab ID: 23029549</b>	<b>Client Sample #: 810-A20</b>		
Location: N-A			
<b>Layer 1 of 4</b>	<b>Description:</b> White sheet vinyl		
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Vinyl/Binder, Fine particles	None Detected ND	<b>None Detected ND</b>
<b>Layer 2 of 4</b>	<b>Description:</b> Beige paper backing with soaked in tan mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 28%	<b>None Detected ND</b>

<b>Sampled by:</b> Client		
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2304731.00**  
 Client Project #: 12497-8105-ASB  
 Date Received: 3/24/2023  
 Samples Received: 31  
 Samples Analyzed: 31  
 Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
 Project Location: N-A

Synthetic fibers 22%  
 Glass fibers 14%

<b>Layer 3 of 4</b>	<b>Description:</b> White vinyl tile with covering white/green sheet			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Vinyl/Binder, Fine particles, Fine grains	None Detected	ND	<b>None Detected ND</b>
<b>Layer 4 of 4</b>	<b>Description:</b> Tan adhesive with sandy material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Adhesive/Binder, Wood flakes	Cellulose	22%	<b>None Detected ND</b>

**Lab ID: 23029550      Client Sample #: 810-A21**

Location: N-A

<b>Layer 1 of 2</b>	<b>Description:</b> White compacted powdery material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Binder/Filler, Fine particles, Fine grains	Cellulose	34%	<b>None Detected ND</b>
		Wollastonite	6%	
<b>Layer 2 of 2</b>	<b>Description:</b> White chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Gypsum/Binder, Fine grains	Cellulose	19%	<b>None Detected ND</b>

**Lab ID: 23029551      Client Sample #: 810-A22**

Location: N-A

<b>Layer 1 of 2</b>	<b>Description:</b> Tan/white vinyl tile with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Vinyl/Binder, Fine particles, Fine grains	Cellulose	2%	<b>None Detected ND</b>
		Wollastonite	<1%	

**Sampled by:** Client  
**Analyzed by:** Muhammad Yousuf      **Date:** 03/28/2023  
**Reviewed by:** Munaf Khan      **Date:** 03/30/2023

\_\_\_\_\_  
 Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
Address: 6715 Greenwood Ave. N  
Seattle, WA 98107

**Batch #: 2304731.00**  
Client Project #: 12497-8105-ASB  
Date Received: 3/24/2023  
Samples Received: 31  
Samples Analyzed: 31  
Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
Project Location: N-A

<b>Layer 2 of 2</b>	<b>Description:</b> Tan adhesive with dust			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Fine particles, Adhesive/Binder	Cellulose 4%		<b>None Detected ND</b>

**Lab ID: 23029552**      **Client Sample #: 810-A23**

Location: N-A

<b>Layer 1 of 1</b>	<b>Description:</b> White chalky material with paper and paint			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Paint, Fine particles, Gypsum/Binder	Cellulose 19%		<b>None Detected ND</b>
		Glass fibers 4%		

**Lab ID: 23029553**      **Client Sample #: 810-A24**

Location: N-A


<b>Layer 1 of 3</b>	<b>Description:</b> Brown fibrous material with paint, silver plastic sheet and adhesive			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Paint, Fine particles, Adhesive/Binder	Cellulose 55%		<b>None Detected ND</b>
	Plastic			

<b>Layer 2 of 3</b>	<b>Description:</b> Tan/brown fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Binder/Filler, Fine particles	Cellulose 87%		<b>None Detected ND</b>

<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic fibrous felt			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Binder/Filler, Asphaltic Particles	Cellulose 65%		<b>None Detected ND</b>

**Lab ID: 23029554**      **Client Sample #: 810-A25**

Location: N-A

<b>Sampled by:</b> Client		
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
Address: 6715 Greenwood Ave. N  
Seattle, WA 98107

**Batch #: 2304731.00**  
Client Project #: 12497-8105-ASB  
Date Received: 3/24/2023  
Samples Received: 31  
Samples Analyzed: 31  
Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
Project Location: N-A

<b>Layer 1 of 3</b>	<b>Description:</b> White compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Paint, Calcareous binder, Fine particles		Cellulose <1%	<b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> White compacted powdery material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Binder/Filler, Fine particles		Cellulose 32%	<b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Fine particles, Gypsum/Binder		Cellulose 18%	<b>None Detected ND</b>

**Lab ID: 23029555**      **Client Sample #: 810-A26**

Location: N-A

<b>Layer 1 of 2</b>	<b>Description:</b> White compacted texture material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Paint, Calcareous binder, Fine particles		Cellulose 1%	<b>None Detected ND</b>
<b>Layer 2 of 2</b>	<b>Description:</b> White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Fine particles, Gypsum/Binder, Fine grains		Cellulose 17%	<b>None Detected ND</b>


**Lab ID: 23029556**      **Client Sample #: 810-A27**

Location: N-A

<b>Layer 1 of 1</b>	<b>Description:</b> Tan brittle mastic with paint and fibers	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>
	Paint, Fine particles, Mastic/Binder		Cellulose 14%	<b>None Detected ND</b>
	Wood fibers		Synthetic fibers 2%	

**Lab ID: 23029557**      **Client Sample #: 810-A28**

Location: N-A

<b>Sampled by:</b> Client		 Munaf Khan, Laboratory Director
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2304731.00**  
 Client Project #: 12497-8105-ASB  
 Date Received: 3/24/2023  
 Samples Received: 31  
 Samples Analyzed: 31  
 Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
 Project Location: N-A

<b>Layer 1 of 2</b>	<b>Description:</b> White sheet vinyl			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Vinyl/Binder, Fine particles, Synthetic foam	None Detected	ND	<b>None Detected ND</b>
<b>Layer 2 of 2</b>	<b>Description:</b> Beige paper backing with soaked in mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose	49%	<b>None Detected ND</b>
		Glass fibers	16%	


**Lab ID: 23029558**      **Client Sample #: 810-A29**  
 Location: N-A

<b>Layer 1 of 2</b>	<b>Description:</b> White compacted texture material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Calcareous binder, Fine particles	Cellulose	1%	<b>None Detected ND</b>
<b>Layer 2 of 2</b>	<b>Description:</b> Off-white chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Gypsum/Binder, Fine grains	Cellulose	21%	<b>None Detected ND</b>
		Glass fibers	4%	

**Lab ID: 23029559**      **Client Sample #: 810-A30**  
 Location: N-A

<b>Layer 1 of 1</b>	<b>Description:</b> Gray cementitious material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Paint, Cement/Binder, Fine particles	Cellulose	4%	<b>None Detected ND</b>
	Mineral grains, Granules, Gravel	Wollastonite	1%	

**Lab ID: 23029560**      **Client Sample #: 810-A31**  
 Location: N-A

<p><b>Sampled by:</b> Client</p> <p><b>Analyzed by:</b> Muhammad Yousuf</p> <p><b>Reviewed by:</b> Munaf Khan</p>	<p><b>Date:</b> 03/28/2023</p> <p><b>Date:</b> 03/30/2023</p>	 <hr/> <p>Munaf Khan, Laboratory Director</p>
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Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



# Bulk Asbestos Fibers Analysis


By Polarized Light Microscopy

Client: Rose Environmental  
Address: 6715 Greenwood Ave. N  
Seattle, WA 98107

**Batch #: 2304731.00**  
Client Project #: 12497-8105-ASB  
Date Received: 3/24/2023  
Samples Received: 31  
Samples Analyzed: 31  
Method: EPA/600/R-93/116

**Attention: Mr. Martin Rose**  
Project Location: N-A

<b>Layer 1 of 1</b>	<b>Description:</b> Tan brittle material with mastic and brown/white paint			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Paint, Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>

<b>Sampled by:</b> Client		
<b>Analyzed by:</b> Muhammad Yousuf	<b>Date:</b> 03/28/2023	
<b>Reviewed by:</b> Munaf Khan	<b>Date:</b> 03/30/2023	Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

# ASBESTOS LABORATORY SERVICES



<b>Company</b> Rose Environmental <b>Address</b> 6715 Greenwood Ave. N Seattle, WA 98107 <b>Project Manager</b> Mr. Martin Rose <b>Phone</b> (206) 679-0699	<b>NVL Batch Number</b> <b>2304731.00</b> <b>TAT</b> 5 Days <b>AH</b> No. <b>Rush TAT</b> <b>Due Date</b> 3/31/2023 <b>Time</b> 8:00 AM <b>Email</b> roseenv@gmail.com <b>Fax</b> (206) 279-1756
---	---

**Project Name/Number:** 12497-8105-ASB      **Project Location:** N-A

**Subcategory** PLM Bulk  
**Item Code** ASB-02      EPA 600/R-93-116 Asbestos by PLM <bulk>

**Total Number of Samples** 31      **Rush Samples** \_\_\_\_\_

Lab ID	Sample ID	Description	A/R
1	23029530	810-A1	A
2	23029531	810-A2	A
3	23029532	810-A3	A
4	23029533	810-A4	A
5	23029534	810-A5	A
6	23029535	810-A6	A
7	23029536	810-A7	A
8	23029537	810-A8	A
9	23029538	810-A9	A
10	23029539	810-A10	A
11	23029540	810-A11	A
12	23029541	810-A12	A
13	23029542	810-A13	A
14	23029543	810-A14	A
15	23029544	810-A15	A
16	23029545	810-A16	A
17	23029546	810-A17	A
18	23029547	810-A18	A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Drop Box				

Office Use Only	Print Name	Signature	Company	Date	Time
<b>Received by</b>	Kelly AuVu		NVL	3/24/23	800
<b>Analyzed by</b>	Muhammad Yousuf		NVL	3/28/23	
<b>Results Called by</b>					
<input type="checkbox"/> <b>Faxed</b> <input type="checkbox"/> <b>Emailed</b>					

**Special Instructions:** \_\_\_\_\_

Date: 3/24/2023  
 Time: 11:18 AM  
 Entered By: Kelly AuVu

# ASBESTOS LABORATORY SERVICES



<b>Company</b> Rose Environmental	<b>NVL Batch Number</b> 2304731.00
<b>Address</b> 6715 Greenwood Ave. N Seattle, WA 98107	<b>TAT</b> 5 Days <b>AH No.</b>
<b>Project Manager</b> Mr. Martin Rose	<b>Rush TAT</b>
<b>Phone</b> (206) 679-0699	<b>Due Date</b> 3/31/2023 <b>Time</b> 8:00 AM
	<b>Email</b> roseenv@gmail.com
	<b>Fax</b> (206) 279-1756

**Project Name/Number:** 12497-8105-ASB      **Project Location:** N-A

**Subcategory** PLM Bulk  
**Item Code** ASB-02      EPA 600/R-93-116 Asbestos by PLM <bulk>

**Total Number of Samples** 31      **Rush Samples**

Lab ID	Sample ID	Description	A/R
19	23029548	810-A19	A
20	23029549	810-A20	A
21	23029550	810-A21	A
22	23029551	810-A22	A
23	23029552	810-A23	A
24	23029553	810-A24	A
25	23029554	810-A25	A
26	23029555	810-A26	A
27	23029556	810-A27	A
28	23029557	810-A28	A
29	23029558	810-A29	A
30	23029559	810-A30	A
31	23029560	810-A31	A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Drop Box				
Office Use Only	Print Name	Signature	Company	Date	Time
<b>Received by</b>	Kelly AuVu		NVL	3/24/23	800
<b>Analyzed by</b>	Muhammad Yousuf		NVL	3/28/23	
<b>Results Called by</b>					
<input type="checkbox"/> Faxed	<input type="checkbox"/> Emailed				
<b>Special Instructions:</b>					

Date: 3/24/2023  
 Time: 11:18 AM  
 Entered By: Kelly AuVu

# CHAIN of CUSTODY SAMPLE LOG

# 2304731

LABORATORY • MANAGEMENT • TRAINING

Client Rose Environmental  
 Street 6715 Greenwood Ave. N  
Seattle, WA 98107

NVL Batch Number \_\_\_\_\_  
 Client Job Number 12497-8105-ASB  
31

Project Manager Mr. Martin Rose  
 Project Location \_\_\_\_\_

Total Samples \_\_\_\_\_  
 Turn Around Time  1 Hr  6 Hrs  3 Days  10 Days  
 2 Hrs  1 Day  4 Days  
 4 Hrs  2 Days  5 Days  
 Please call for TAT less than 24 Hrs  
 Email address roseenv@gmail.com

Phone: (206) 679-0699 Fax: (206) 279-1756

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Selenium (Se)	<input type="checkbox"/> Nickel (Ni)
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Soil	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Silver (Ag)	<input type="checkbox"/> Zinc (Zn)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		810 - A1		
2		A2		
3		A3		
4		A4		
5		A5		
6		A6	↑ A6 - A8 Stop @ First Positive Result ↓	
7		A7		
8		A8		
9		A9		
10		A10		
11		A11		
12		A12	↑ A12 - A14 Stop @ First Positive ↓	
13		A13		
14		A14		
15		A15	↓ A15 - A17 stop @ 1st Positive ↓	

	Print Below	Sign Below	Company	Date	Time
Sampled by	T.S		Rose Env	3/23/08	10:30
Relinquished by					
Received by	Kelvin		nu	3/24/08	8:00
Analyzed by					
Results Called by					
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
 Please composite all wall board samples

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)

4708 Aurora Avenue North | Seattle, WA 98103-6516

# CHAIN of CUSTODY SAMPLE LOG

# 2304731

LABORATORY • MANAGEMENT • TRAINING

Client Rose Environmental  
 Street 6715 Greenwood Ave. N  
Seattle, WA 98107

NVL Batch Number \_\_\_\_\_  
 Client Job Number 12497 - 810S - ASB

Total Samples 31  
 Turn Around Time  1 Hr  6 Hrs  3 Days  10 Days  
 2 Hrs  1 Day  4 Days  
 4 Hrs  2 Days  5 Days

Project Manager Mr. Martin Rose  
 Project Location \_\_\_\_\_

Please call for TAT less than 24 Hrs  
 Email address roseenv@gmail.com

Phone: (206) 679-0699 Fax: (206) 279-1756

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Selenium (Se)	<input type="checkbox"/> Nickel (Ni)
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Soil	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Silver (Ag)	<input type="checkbox"/> Zinc (Zn)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		810 - (A16)	↓ AIS - A17 Stop @ 1st Positive	
2		(A17)	↓	
3		A18		
4		A19		
5		A20		
6		A21		
7		A22		
8		A23		
9		A24		
10		A25		
11		A26		
12		A27		
13		A28		
14		A29		
15		A30		

	Print Below	Sign Below	Company	Date	Time
Sampled by	T-S		Rose Env	3/23/23	1830
Relinquished by	T-S		nm	3/24/23	800h
Received by					
Analyzed by					
Results Called by					
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
 Please composite all wall board samples

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)  
 4708 Aurora Avenue North | Seattle, WA 98103-6516

# CHAIN of CUSTODY SAMPLE LOG

# 2304731

Client Rose Environmental  
 Street 6715 Greenwood Ave. N  
Seattle, WA 98107

NVL Batch Number \_\_\_\_\_  
 Client Job Number 12497-8105-ASB  
 Total Samples 31

Project Manager Mr. Martin Rose  
 Project Location \_\_\_\_\_

Turn Around Time  1 Hr  2 Hrs  4 Hrs  6 Hrs  1 Day  2 Days  3 Days  4 Days  5 Days  10 Days  
 Please call for TAT less than 24 Hrs

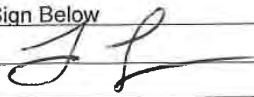

Email address roseenv@gmail.com

Phone: (206) 679-0699 Fax: (206) 279-1756

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>		<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8 <b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Paint Chips in %	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Paint Chips in cm2	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Mercury (Hg)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Selenium (Se)
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Soil	<input type="checkbox"/> Other	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Silver (Ag)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		<u>810-A31</u>		
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>T S</u>		<u>Rose Env</u>	<u>3/23/23</u>	<u>1830</u>
Relinquished by	<u>Kumaran</u>		<u>NR</u>	<u>3/24/23</u>	<u>802P</u>
Received by					
Analyzed by					
Results Called by					
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
 Please composite all wall board samples

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)

4708 Aurora Avenue North | Seattle, WA 98103-6516

March 28, 2023

Martin Rose

**Rose Environmental**

6715 Greenwood Ave. N  
Seattle, WA 98107



**NVL Batch # 2304730.00**

**RE: Total Metal Analysis**  
**Method: EPA 7000B Lead by FAA <paint>**  
**Item Code: FAA-02**

Client Project: 12497-8105-Pb

Location: N-A

Dear Mr. Rose,

NVL Labs received 9 sample(s) for the said project on 3/24/2023. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Shalini Patel", is written over a light blue horizontal line.

Shalini Patel, Manager Metals Lab

Enc.: Sample results



Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)  
4708 Aurora Avenue North | Seattle, WA 98103-6516

# Analysis Report

## Total Lead (Pb)



Client: Rose Environmental  
Address: 6715 Greenwood Ave. N  
Seattle, WA 98107

**Batch #: 2304730.00**


Matrix: Paint  
Method: EPA 3051/7000B  
Client Project #: 12497-8105-Pb  
Date Received: 3/24/2023  
Samples Received: 9  
Samples Analyzed: 9

**Attention: Mr. Martin Rose**

Project Location: N-A

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
23029521	810-L1	0.1894	53	400	0.040
23029522	810-L2	0.1945	51	5800	0.58
23029523	810-L3	0.1818	55	1800	0.18
23029524	810-L4	0.1842	54	< 54	<0.0054
23029525	810-L5	0.0592	170	< 170	<0.017
23029526	810-L6	0.0425	240	< 240	<0.024
23029527	810-L7	0.2035	49	780	0.078
23029528	810-L8	0.1852	54	17000	1.7
23029529	810-L9	0.1877	53	570	0.057

**Comments:** Small sample size (<0.05g) for 810-L6

Sampled by: Client	Date Analyzed: 03/24/2023	 Shalini Patel, Manager Metals Lab
Analyzed by: Yasuyuki Hida	Date Issued: 03/28/2023	
Reviewed by: Shalini Patel		

mg/ Kg =Milligrams per kilogram

Percent = Milligrams per kilogram / 10000

Note : Method QC results are acceptable unless stated otherwise.

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit

'<' = Below the reporting Limit

Bench Run No: 2023-0324-04

FAA-02

# LEAD LABORATORY SERVICES



<b>Company</b> Rose Environmental	<b>NVL Batch Number</b> 2304730.00
<b>Address</b> 6715 Greenwood Ave. N Seattle, WA 98107	<b>TAT</b> 5 Days <b>AH No.</b>
<b>Project Manager</b> Mr. Martin Rose	<b>Rush TAT</b>
<b>Phone</b> (206) 679-0699	<b>Due Date</b> 3/29/2023 <b>Time</b> 8:00 AM
	<b>Email</b> roseenv@gmail.com
	<b>Fax</b> (206) 279-1756

**Project Name/Number:** 12497-8105-Pb      **Project Location:** N-A

**Subcategory** Flame AA (FAA)  
**Item Code** FAA-02      EPA 7000B Lead by FAA <paint>

**Total Number of Samples** 9      **Rush Samples**

Lab ID	Sample ID	Description	A/R
1	23029521	810-L1	A
2	23029522	810-L2	A
3	23029523	810-L3	A
4	23029524	810-L4	A
5	23029525	810-L5	A
6	23029526	810-L6	A
7	23029527	810-L7	A
8	23029528	810-L8	A
9	23029529	810-L9	A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Drop Box				
<b>Office Use Only</b>	<b>Print Name</b>	<b>Signature</b>	<b>Company</b>	<b>Date</b>	<b>Time</b>
<b>Received by</b>	Kelly AuVu		NVL	3/24/23	800
<b>Analyzed by</b>	Yasuyuki Hida		NVL	3/24/23	
<b>Results Called by</b>					
<input type="checkbox"/> <b>Faxed</b> <input type="checkbox"/> <b>Emailed</b>					
<b>Special Instructions:</b>					

Date: 3/24/2023  
 Time: 11:15 AM  
 Entered By: Kelly AuVu

# CHAIN of CUSTODY SAMPLE LOG

# 2304730

Client Rose Environmental  
 Street 6715 Greenwood Ave. N  
Seattle, WA 98107

NVL Batch Number \_\_\_\_\_  
 Client Job Number 12497-8105 - Pb  
 Total Samples 9

Project Manager Mr. Martin Rose  
 Project Location \_\_\_\_\_

Turn Around Time  1 Hr  6 Hrs  3 Days  10 Days  
 2 Hrs  1 Day  4 Days  
 4 Hrs  2 Days  5 Days  
 Please call for TAT less than 24 Hrs

Phone: (206) 679-0699 Fax: (206) 279-1756

Email address roseenv@gmail.com

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input type="checkbox"/> Asbestos Bulk	<input type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input checked="" type="checkbox"/> Total Metals	<input checked="" type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input checked="" type="checkbox"/> Paint Chips in %	<input type="checkbox"/> Arsenic (As)	<input checked="" type="checkbox"/> Lead (Pb)
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Paint Chips in cm2	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> All 3
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Soil	<input type="checkbox"/> Other	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Selenium (Se)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Silver (Ag)	<input type="checkbox"/> Copper (Cu)
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			<input type="checkbox"/> Nickel (Ni)
					<input type="checkbox"/> Zinc (Zn)

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		810 - C1		
2		C2		
3		C3		
4		C4		
5		C5		
6		C6		
7		C7		
8		C8		
9		C9		
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	T.S.		Rose Env	3/23/23	
Relinquished by					18:30
Received by	Kumaren		nmw	3/24/23	8:00 AM
Analyzed by					
Results Called by					
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
 Please composite all wall board samples



DSCF1062



DSCF1063



DSCF1064



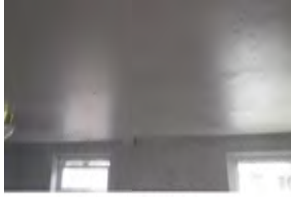
DSCF1065



DSCF1066



DSCF1067



DSCF1068



DSCF1069



DSCF1070



DSCF1071



DSCF1072



DSCF1073



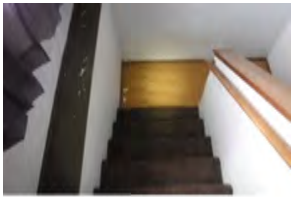
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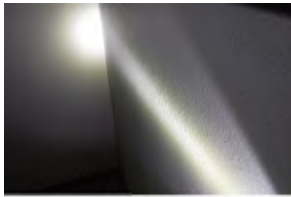
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DSCF1076



DSCF1077



DSCF1078



DSCF1079



DSCF1080



DSCF1081



DSCF1082



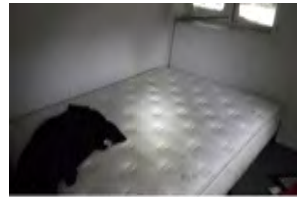
DSCF1083



DSCF1084



DSCF1085



DSCF1086



DSCF1087



DSCF1088



DSCF1089



DSCF1090



DSCF1091



DSCF1092



DSCF1093



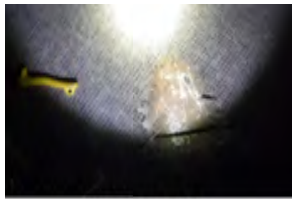
DSCF1094



DSCF1095



DSCF1096



DSCF1097



DSCF1098



DSCF1099



Rose Environmental

6715 Greenwood Avenue North  
Seattle, WA 98103

Phone: 206.679.0699  
www.roseenvironmental.com

December 3, 2021

Dylan Diehl  
Kitsap County Facilities Supervisor  
614 Division Street MS-7  
Port Orchard, WA 98366  
Phone: 360.328.3089  
Email: [ddiehl@co.kitsap.wa.us](mailto:ddiehl@co.kitsap.wa.us)

**Subject: Pre-Demolition Asbestos & Lead Paint Survey, 6 Dwellings & 1 Church,  
Port Orchard, WA**

Dear Dylan:

On November 18 and 19, 2021, Rose Environmental conducted an inspection for suspect asbestos-containing materials and lead paint at six residential dwellings (612 Sidney Avenue, 709 Sidney Avenue, 808 Sidney Avenue, 816 Sidney Avenue, 803 Cline Avenue, 807 Cline Avenue) and one church (717 Sidney Avenue) in Port Orchard, Washington. The purpose of the inspection was to determine the presence or absence of asbestos-containing building materials and lead paint that will be affected during projected future demolition activities.

### **ASBESTOS SAMPLING – METHODS & RESULTS**

Mr. Ryan Anderson, Industrial Hygienist with Rose, is an EPA Asbestos Hazard Emergency Response Act (AHERA)-accredited Building Inspector (Certificate Number 179373, expiration date December 9, 2021). Rose Environmental collected samples of suspect asbestos-containing materials; the samples were collected full depth to the surface of the underlying substrate.

#### *Asbestos Laboratory Analysis*

The bulk samples collected were submitted under strict chain of custody procedures to EMSL Laboratories, a qualified independent laboratory for analysis. EMSL Laboratories is a member of the National Voluntary Laboratory Accreditation Program.

The asbestos samples were analyzed using polarized light microscopy (PLM) with dispersion staining in accordance with US EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499-504. Polarizing light microscopy

quantifies asbestos concentrations at between 100% and 1% detection levels. Levels below 1% can only be stated as "trace."

Sample ID	Material Description	Location	Asbestos Content	Estimated Quantity
<b><i>Asbestos Containing Materials</i></b>				
1118-1	Red 9"x9" VCT + black mastic	717 Sidney Ave – Entry	15% Chrysotile asbestos in the vinyl tile (under carpet)	~ 100 SF
1118-2	Tan 9"x9" VCT + black mastic	717 Sidney Ave – Entry	12% Chrysotile asbestos in the vinyl tile (under carpet)	~ 100 SF
1118-8	Tan/Red patterned 9"x9" VCT + black mastic	717 Sidney Ave – Basement East Room	7% Chrysotile asbestos in the vinyl composition tile	~ 200 SF
1118-13	Light Green Cement Asbestos Board (CAB)	816 Sidney Ave – Exterior	20% Chrysotile asbestos in the exterior CAB	~ 2,400 SF
1118-17	Black VCT + Tan VSF + black mastic (under hardwood flooring)	816 Sidney Ave – Kitchen	7% Chrysotile asbestos in the Tan VSF	~ 80 SF
1118-21	Grey plaster + texture	816 Sidney Ave – Living Room	3% Chrysotile asbestos in the texture	Variable
1118-25	White texture	816 Sidney Ave – Bathroom	3% Chrysotile asbestos in the texture	Variable
1118-26	White texture	816 Sidney Ave – Living Room	3% Chrysotile asbestos in the texture	Variable
1118-45	GWB + joint compound + texture	612 Sidney Ave – Living Room	2% Chrysotile asbestos in the texture	Variable
<b><i>Non-EPA Asbestos Containing Materials</i></b>				
1118-9	GWB + joint compound	717 Sidney Ave – Basement NW Utility	<1% Chrysotile in joint compound	Variable
1118-44		612 Sidney Ave – Living Room		

*Non-Asbestos Containing Materials*

1118-0.1	Black shingle tar + paper	717 Sidney Ave - Roof	NAD	NA
1118-0.2	Black caulk/sealant	717 Sidney Ave – Ext. East Door	NAD	NA
1118-3	Tan VCB + yellow mastic	717 Sidney Ave – South Office	NAD	NA
1118-4	Orange Mastic	717 Sidney Ave – Main Carpet	NAD	NA
1118-5	GWB + joint compound	717 Sidney Ave – Main Hallway	NAD	NA
1118-6			NAD	NA
1118-7			NAD	NA
1118-10	Orange mastic	717 Sidney Ave – Basement Carpet	NAD	NA
1118-11	Brown patterned VSF + mastic	808 Sidney Ave - Kitchen	NAD	NA
1118-12	Grey grout	808 Sidney Ave - Fireplace	NAD	NA
1118-12.1	Black shingle tar + paper	808 Sidney Ave - Roof	NAD	NA
1118-14	White ceramic tile + grout	816 Sidney Ave - Bathroom	NAD	NA
1118-15	Tan Grout	816 Sidney Ave - Kitchen	NAD	NA
1118-16	White 1x1” ceiling panel	816 Sidney Ave – Floor 2 Core	NAD	NA
1118-18	Black VCB + yellow mastic	816 Sidney Ave – Basement	NAD	NA
1118-19	Tan VCB + yellow mastic		NAD	NA
1118-20	Grey Plaster	816 Sidney Ave – Kitchen	NAD	NA
1118-22		816 Sidney Ave – Living Room	NAD	NA
1118-23	Black shingle tar + paper	816 Sidney Ave – Main Roof	NAD	NA
1118-24	Black shingle tar + paper	816 Sidney Ave – Carport Roof	NAD	NA
1118-27	GWB + joint compound	816 Sidney Ave - Basement	NAD	NA
1118-28			NAD	NA
1118-29			NAD	NA
1118-30	Black shingle tar + paper	704 Sidney Ave - Roof	NAD	NA
1118-31	Orange mastic	704 Sidney Ave – Main Carpet	NAD	NA
1118-32	Blue 1x1” VCT + mastic	704 Sidney Ave – Kitchen	NAD	NA
1118-33	Tan 1x1” VCT + mastic		NAD	NA
1118-34	White 1x1” VCT + mastic	704 Sidney Ave - Bathroom	NAD	NA
1118-35	Plaster + GWB + Texture	704 Sidney Ave – Living Room	NAD	NA
1118-36		704 Sidney Ave – Bathroom	NAD	NA
1118-37		704 Sidney Ave – SE Bedroom	NAD	NA
1118-38	White texture	704 Sidney Ave – SE Bedroom	NAD	NA
1118-39	Tan VCB + yellow mastic	704 Sidney Ave - Bathroom	NAD	NA
1118-40	Grey Grout	612 Sidney Ave - Chimney	NAD	NA
1118-41	Tan VSF + black mastic	612 Sidney Ave - Main	NAD	NA
1118-42	White 2x4” ceiling panel	612 Sidney Ave - Main	NAD	NA
1118-43	GWB + joint compound + texture	612 Sidney – Living Room	NAD	NA
1118-44	GWB + joint compound	612 Sidney – Living Room	NAD	NA

1118-45	GWB + joint compound + texture	612 Sidney – Living Room	NAD	NA
1118-46	White texture	612 Sidney – Living Room	NAD	NA
1118-47	Grey sealant	612 Sidney – Living Room	NAD	NA
1118-48	Black shingle tar + paper	612 Sidney Ave - Roof	NAD	NA
1118-50	Exterior Stucco	807 Cline Ave - South Exterior	NAD	NA
1118-51			NAD	NA
1118-52			NAD	NA
1118-53	Tan ceramic + grout	807 Cline Ave - Entry	NAD	NA
1118-54	Plaster + texture		NAD	NA
1118-55	Plaster + GWB + texture		NAD	NA
1118-56			NAD	NA
1118-57	White texture		NAD	NA
1118-58	Black shingle tar + paper	807 Cline Ave - Roof	NAD	NA
1118-59	Blue ceramic tile + grout	807 Cline Ave - Bathroom	NAD	NA
1118-60	Tan VSF + mastic		NAD	NA
1118-61	Tan VSF + mastic	807 Cline Ave – F2 Kitchen	NAD	NA
1118-62	Tan VSF + mastic	807 Cline Ave – F2 Bathroom	NAD	NA
1118-63	White ceiling panel	807 Cline Ave – Basement	NAD	NA
1118-64	White plaster	803 Cline Ave – Dining Room	NAD	NA
1118-65	White VSF + mastic	803 Cline Ave – Kitchen	NAD	NA
1118-66	White VSF + mastic	803 Cline Ave – Bathroom	NAD	NA
1118-67	White plaster	803 Cline Ave – Bathroom	NAD	NA
1118-68			NAD	NA
1118-69	Grey grout	803 Cline Ave – Chimney	NAD	NA
1118-70	Grey VSF + mastic	803 Cline Ave – Floor 2	NAD	NA
1118-71	Black shingle tar + paper	803 Cline Ave - Roof	NAD	NA

Notes: 9x9” = 9 inches by 9 inches VCT = vinyl composition tile CAB = cement asbestos board  
GWB = gypsum wallboard VSF = vinyl sheet flooring 1x1’ = 1 foot by 1 foot  
NAD = No asbestos detected NA = Not Applicable

In summary, the survey and laboratory results revealed that:

*717 Sidney Avenue*

- Approximately 100 square feet of red 9x9” vinyl composition tile in the Entry flooring (underneath the carpet) contained approximately 15% chrysotile asbestos in the tile.
- Approximately 100 square feet of tan 9x9” vinyl composition tile in the Entry flooring (underneath the carpet) contained approximately 12% chrysotile asbestos in the tile.

- Approximately 200 square feet of tan/red patterned 9x9” vinyl composition tile in the Basement East Room flooring contained approximately 7% chrysotile asbestos in the tile.

*816 Sidney Avenue*

- Approximately 2,400 square feet of light green cement asbestos board (CAB) exterior siding contained approximately 20% chrysotile asbestos in the CAB.
- Approximately 80 square feet of tan vinyl sheet flooring in the Kitchen contained approximately 7% chrysotile asbestos in the vinyl sheet flooring (under the hardwood flooring).
- White texture on the Living Room and Bathroom GWB contained approximately 3% chrysotile asbestos in the texture.

*612 Sidney Avenue*

- White texture on the Living Room GWB contained approximately 2% chrysotile asbestos in the texture.

**Representative Photos: 717 Sidney Ave - Red & Tan 9x9” VCT (L)  
Tan/Red patterned VCT (C) & 816 Sidney Ave Light Green CAB (R)**



**Lead Paint Methods & Results**

Rose Environmental collected full-depth paint samples (to substrate) on representative surfaces at various wood, wallboard, and concrete locations. Bulk samples collected were submitted under strict chain of custody procedures to NVL Laboratories, accredited by the American Industrial Hygiene Association (AIHA) Environmental Lead Accreditation Program.

<i>Lead Sampling Results</i>			
<b>Sample ID</b>	<b>Description</b>	<b>Location</b>	<b>Lead Content (%)</b>
1118-L1	Brown paint	717 Sidney Ave - Exterior	0.34
1118-L2	White paint	717 Sidney Ave - Interior	<0.014
1118-L3	White paint	717 Sidney Ave – Ext. Foundation	<0.0094

1118-L4	White paint	808 Sidney Ave - Exterior	<0.038
<b>1118-L5</b>	<b>Yellow paint</b>	<b>808 Sidney Ave - Interior</b>	<b>0.062</b>
<b>1118-L6</b>	<b>Mauve paint</b>	<b>808 Sidney Ave - Bathroom</b>	<b>1.7</b>
<b>1118-L7</b>	<b>Green paint</b>	<b>808 Sidney Ave - Bathroom</b>	<b>0.16</b>
<b>1118-L8</b>	<b>Light turquoise paint</b>	<b>816 Sidney Ave - Exterior</b>	<b>0.0070</b>
<b>1118-L9</b>	<b>Dark turquoise paint</b>	<b>816 Sidney Ave – Exterior trim</b>	<b>14</b>
1118-L10	White paint	816 Sidney Ave - Kitchen	<0.023
1118-L11	Purple paint	816 Sidney Ave - Kitchen	<0.019
1118-L12	Yellow paint	816 Sidney Ave – Living Room	<0.017
1118-L13	Blue paint	816 Sidney Ave - Bathroom	<0.018
1118-L14	Mauve paint	816 Sidney Ave – L2 East Bedroom	<0.094
1118-L15	Dark Blue paint	816 Sidney Ave – L2 East Bedroom	<0.017
1118-L16	Light Blue paint	816 Sidney Ave - Bedroom	<0.013
1118-L17	Purple paint	816 Sidney Ave – L1 Bedroom	<0.022
<b>1118-L18</b>	<b>Black paint</b>	<b>816 Sidney Ave – Kitchen trim</b>	<b>0.062</b>
1118-L19	Light Tan paint	816 Sidney Ave – Kitchen Nook	<0.012
<b>1118-L20</b>	<b>White paint</b>	<b>704 Sidney Ave - Exterior</b>	<b>2.0</b>
<b>1118-L21</b>	<b>Blue paint</b>	<b>704 Sidney Ave - Entrance</b>	<b>0.040</b>
<b>1118-L22</b>	<b>White paint</b>	<b>704 Sidney Ave - Bathroom</b>	<b>0.78</b>
<b>1118-L23</b>	<b>White paint</b>	<b>704 Sidney Ave – Living Room</b>	<b>0.061</b>
<b>1118-L24</b>	<b>Tan paint</b>	<b>612 Sidney Ave – Exterior main</b>	<b>6.9</b>
1118-L25	Red paint	612 Sidney Ave – Exterior trim	<0.0071
1118-L26	Grey paint	612 Sidney Ave - Foundation	<0.016
1118-L27	Off-White paint	612 Sidney Ave - Interior	<0.0055
<b>1118-L28</b>	<b>Brown paint</b>	<b>612 Sidney Ave - Trim</b>	<b>0.10</b>
<b>1118-L29</b>	<b>Yellow paint</b>	<b>612 Sidney Ave – Floor 2</b>	<b>0.046</b>
<b>1118-L30</b>	<b>White paint</b>	<b>612 Sidney Ave – Floor 2 trim</b>	<b>0.21</b>
<b>1118-L31</b>	<b>Blue paint</b>	<b>612 Sidney Ave – Exterior steps</b>	<b>0.35</b>
<b>1118-L32</b>	<b>White paint</b>	<b>612 Sidney Ave – Door Trim</b>	<b>0.47</b>

1119-L33	Red paint	807 Cline Ave – Main Exterior	0.86
1119-L34	Yellow paint	807 Cline Ave - Exterior	6.9
1119-L35	Tan paint	807 Cline Ave - Foundation	0.036
1119-L36	Yellow paint	807 Cline Ave – East Shed Door	<0.017
1119-L37	White paint	807 Cline Ave – Exterior trim	0.26
1119-L38	Tan paint	807 Cline Ave – Stucco Exterior	<0.020
1119-L40	Yellow paint	807 Cline Ave – Floor 2	0.095
1119-L41	Blue paint	807 Cline Ave – Floor 2	0.015
1119-L42	Orange paint	807 Cline Ave – Basement Floor	0.024
1119-L43	White paint	803 Cline Ave – Exterior	15
1119-L44	White paint	803 Cline Ave - Interior	0.040
1119-L45	Blue paint	803 Cline Ave – SE Bedroom	0.048
1119-L46	Yellow paint	803 Cline Ave - Bathroom	<0.17

In summary, the results revealed detectable lead in each of the properties inspected.

## CONCLUSIONS & RECOMMENDATIONS

In summary, the results of Rose Environmental’s asbestos inspection confirmed asbestos content greater than one percent (>1%) in:

- Red and tan VCT in the 717 Sidney Entry flooring and tan/red VCT in the Basement flooring
- CAB exterior siding, tan sheetvinyl in the Kitchen, and white Living Room/Bathroom wall/ceiling texture at 816 Sidney, and
- White texture on 612 Sidney Living Room ceiling/walls

### <1% Asbestos in GWB

Less than 1% asbestos was present in GWB at the 612 and 717 Sidney properties.

The State of Washington allows asbestos found in joint compound only to be composited across the total mass of the entire GWB system, which reduces the overall asbestos content to <1%, as shown on the table.

Nevertheless, when demolishing the gypsum wallboard walls which have been shown to contain <1% asbestos, L&I still requires demolition crews to follow these requirements:

Under L&I's WISHA Regional Directive (WRD) 23.30, *Asbestos-Containing Joint Compound in Wallboard Systems* (issued December 2000), disturbance of GWB systems with <1% asbestos content are unclassified asbestos operations. Unclassified asbestos operations cover employees who may, depending on the activity, be exposed in excess of the permissible exposure limit (PEL), and who are performing operations not covered by work Classes I through IV. For construction work involving unclassified asbestos operations, the applicable requirements include the following:

1. Protective clothing (e.g., disposable types such as nitrile gloves, Tyvek arm covers, Tyvek whole body suits) when disturbing GWB systems. Conduct a personal air sampling exposure evaluation to determine if respiratory protection is required.
2. The exclusive use of vacuum cleaners equipped with HEPA filters to clean up dust, dirt, and debris generated as a result of disturbance of GWB ceilings and walls.
3. The prompt cleanup of debris; all GWB debris, if present, will be removed by the end of every work shift.
4. The use of wet methods (misting with handheld spray bottles, pump-style Hudson sprayers, and the like) when disturbing GWB ceilings and walls and cleaning debris.
5. The work will be overseen by a competent person who can identify materials summarized in this report and adequately implement these recommendations to minimize worker exposure.
6. Asbestos awareness training for all workers in the area where GWB systems are disturbed or might be disturbed.
7. Recordkeeping of this report and any other worker exposure related to GWB systems at this facility for a minimum of 30 years.

Asbestos-containing materials are required to be removed and disposed of in accordance with Washington State Regulations prior to any demolition, renovation, or remodeling that would disturb these materials. Washington State Department of Labor and Industries and PSCAA require that the abatement be performed using Certified Asbestos Workers under the direct on-site supervision of a Certified Asbestos Supervisor.

### *Lead in Paint*

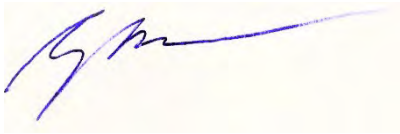
Disturbance of materials coated with lead-containing paint must be conducted in accordance with worker protection requirements in WAC 296-155, *Lead in Construction*. In addition, waste streams should be evaluated for lead content prior to disposal by EPA's Toxicity Characteristic Leachate Procedure (TCLP) to ensure RCRA classifications are considered. Rose Environmental's paint survey is not intended to identify or mitigate lead dust hazards to residents (as required by EPA's Lead Renovation, Repair, and Painting (RRP) Program).

*Limitations of Survey*

Asbestos and lead inspections are non-comprehensive by nature and our assessment is limited to only those locations inspected and sampled. This survey was not designed to identify all potential concerns or eliminate all risk associated with abatement. No warranty, express or implied, is made.

Rose Environmental LLC is not responsible for materials which require destructive means to access, or materials which are hidden from sight, those materials hidden behind walls, or materials which cannot be found with reasonable diligence. Rose Environmental LLC performed this inspection in accordance with the generally accepted standards of care that exist in the industrial hygiene profession in Washington State at the time of this study.

Respectfully,



Ryan Anderson  
Industrial Hygienist Technician  
Rose Environmental LLC

Reviewed by,



Martin Rose, CIH, CSP  
Principal/Senior Consultant  
Rose Environmental LLC

*Attachments: EMSL Lab Report 512002433  
NVL Lab Report 2120433  
NVL Lab Report 2120434  
NVL Lab Report 2120435  
Photographic Contact Sheet*



# EMSL Analytical, Inc.

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EMSL Order: 512103474

Customer ID: RSEE42

Customer PO:

Project ID:

**Attention:** Ryan Anders  
Rose Environmental LLC  
6715 Greenwood Ave N  
Seattle, WA 98103

**Phone:** (206) 679-0699

**Fax:**

**Received Date:** 11/22/2021 8:00 AM

**Analysis Date:** 11/22/2021 - 11/23/2021

**Collected Date:**

**Project:** 11696 - Kitsap

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1118-0.1-Shingle 512103474-0001	Black shingle tar + paper - 717 Sidney - roof	Tan/Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
1118-0.1-Tar Paper 512103474-0001A	Black shingle tar + paper - 717 Sidney - roof	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
1118-0.2 512103474-0002	Black/white caulk - 717 Sidney - east door ext.	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-1-Vinyl Floor Tile 512103474-0003	Red 9x9 ceramic tile + black mastic - 717 Sidney - int under carpet	Red/Orange Fibrous Homogeneous		85% Non-fibrous (Other)	15% Chrysotile
1118-1-Mastic 512103474-0003A	Red 9x9 ceramic tile + black mastic - 717 Sidney - int under carpet	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-2-Mastic 1 512103474-0004	Tan 9x9 ceramic tile + black mastic - 717 Sidney - int under carpet	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-2-Vinyl Floor Tile 512103474-0004A	Tan 9x9 ceramic tile + black mastic - 717 Sidney - int under carpet	Tan Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
1118-2-Mastic 2 512103474-0004B	Tan 9x9 ceramic tile + black mastic - 717 Sidney - int under carpet	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-3-Cove Base 512103474-0005	Tan VCB + yellow mastic - 717 Sidney - south office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-3-Mastic 512103474-0005A	Tan VCB + yellow mastic - 717 Sidney - south office	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-4 512103474-0006	Orange carpet glue - 717 Sidney - main hallway	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-5-Texture 512103474-0007	GWB + joint compound + white texture - 717 Sidney - main hallway	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
1118-5-Gypsum Wallboard 512103474-0007A	GWB + joint compound + white texture - 717 Sidney - main hallway	Brown/White Fibrous Homogeneous	20% Cellulose <1% Glass	65% Gypsum 15% Non-fibrous (Other)	None Detected
1118-6-Texture 512103474-0008	GWB + joint compound + white texture - 717 Sidney - main hallway	White/Beige Non-Fibrous Heterogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected

Initial report from: 11/23/2021 16:53:51



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**EMSL Order:** 512103474  
**Customer ID:** RSEE42  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
<i>Analysis includes two inseperable textures and paint.</i>					
1118-6-Gypsum Wallboard <small>512103474-0008A</small>	GWB + joint compound + white texture - 717 Sidney - main hallway	Brown/White Fibrous Homogeneous	20% Cellulose	65% Gypsum 15% Non-fibrous (Other)	None Detected
1118-7-Texture <small>512103474-0009</small>	GWB + joint compound + white texture - 717 Sidney - main hallway	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
<i>Thin layer in between paints</i>					
1118-7-Gypsum Wallboard <small>512103474-0009A</small>	GWB + joint compound + white texture - 717 Sidney - main hallway	Brown/White Fibrous Homogeneous	20% Cellulose	60% Gypsum 20% Non-fibrous (Other)	None Detected
1118-8-Vinyl Floor Tile <small>512103474-0010</small>	Tan/red patterned VCT - 717 Sidney - basement east	Beige Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
1118-8-Mastic <small>512103474-0010A</small>	Tan/red patterned VCT - 717 Sidney - basement east	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-9-Joint Compound <small>512103474-0011</small>	GWB + JC - 717 Sidney - NW utility	White Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
1118-9-Tape <small>512103474-0011A</small>	GWB + JC - 717 Sidney - NW utility	Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
1118-9-Gypsum Wallboard <small>512103474-0011B</small>	GWB + JC - 717 Sidney - NW utility	Brown/Pink Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-9-Composite <small>512103474-0011C</small>	GWB + JC - 717 Sidney - NW utility	Brown/White/Pink Fibrous Heterogeneous	30% Cellulose	55% Gypsum 15% Non-fibrous (Other)	<1% Chrysotile
<i>This is a composite result of wallboard, joint compound, and tape.</i>					
1118-10 <small>512103474-0012</small>	Orange carpet mastic - 717 Sidney - basement main	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-11-Vinyl Sheet Flooring <small>512103474-0013</small>	Brown patterned VSF + yellow mastic - 808 Sidney - kitchen	Brown/Beige Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
1118-11-Mastic <small>512103474-0013A</small>	Brown patterned VSF + yellow mastic - 808 Sidney - kitchen	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-12 <small>512103474-0014</small>	Gray grout - 808 Sidney - _ grout	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
1118-12.1-Shingle <small>512103474-0015</small>	Black roof shingle + tan paper - 808 Sidney - roof	Various/Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
1118-12.1-Tar Paper <small>512103474-0015A</small>	Black roof shingle + tan paper - 808 Sidney - roof	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
1118-13 <small>512103474-0016</small>	Green particle board - 816 Sidney - ext	Gray/Green Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile

Initial report from: 11/23/2021 16:53:51



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EMSL Order: 512103474

Customer ID: RSEE42

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1118-14-Ceramic Tile <i>512103474-0017</i>	White ceramic tile + gray grout - 816 Sidney - bathroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-14-Mortar <i>512103474-0017A</i>	White ceramic tile + gray grout - 816 Sidney - bathroom	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
1118-15 <i>512103474-0018</i>	Tan grout- 816 Sidney - kitchen	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
1118-16 <i>512103474-0019</i> <i>Inseparable paint / coating layer included in analysis</i>	White 1x1 SCP- 816 Sidney - F2 ceiling hallway	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
1118-17-Vinyl Floor Tile 1 <i>512103474-0020</i>	Black VCT + tan VSF + mastic - 816 Sidney - kitchen flooring	Black Fibrous Homogeneous	3% Synthetic	97% Non-fibrous (Other)	None Detected
1118-17-Mastic 1 <i>512103474-0020A</i>	Black VCT + tan VSF + mastic - 816 Sidney - kitchen flooring	Tan/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-17-Vinyl Floor Tile 2 <i>512103474-0020B</i>	Black VCT + tan VSF + mastic - 816 Sidney - kitchen flooring	Tan Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
1118-17-Mastic 2 <i>512103474-0020C</i>	Black VCT + tan VSF + mastic - 816 Sidney - kitchen flooring	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-18-Cove Base <i>512103474-0021</i>	Black VCB + yellow mastic - 816 Sidney - basement	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-18-Mastic <i>512103474-0021A</i>	Black VCB + yellow mastic - 816 Sidney - basement	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-19-Cove Base <i>512103474-0022</i>	Tan VCB + yellow mastic - 816 Sidney - basement	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-19-Mastic <i>512103474-0022A</i>	Tan VCB + yellow mastic - 816 Sidney - basement	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-20-Skim Coat <i>512103474-0023</i>	Gray plaster - 816 Sidney - kitchen	White Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	None Detected
1118-20-Plaster <i>512103474-0023A</i>	Gray plaster - 816 Sidney - kitchen	Gray Fibrous Homogeneous	<1% Cellulose	10% Quartz 90% Non-fibrous (Other)	None Detected
1118-21-Texture <i>512103474-0024</i>	Gray plaster + texture - 816 Sidney - LR	White Fibrous Homogeneous		10% Quartz 87% Non-fibrous (Other)	3% Chrysotile
1118-21-Plaster <i>512103474-0024A</i>	Gray plaster + texture - 816 Sidney - LR	Gray Non-Fibrous Homogeneous	<1% Cellulose	15% Quartz 85% Non-fibrous (Other)	None Detected
1118-22 <i>512103474-0025</i>	Gray plaster - 816 Sidney - LR	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
1118-23-Shingle <i>512103474-0026</i>	Black shingles + tar + paper - 816 Sidney - roof main	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected

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EMSL Order: 512103474

Customer ID: RSEE42

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1118-23-Tar Paper 512103474-0026A	Black shingles + tar + paper - 816 Sidney - roof main	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
1118-24-Shingle 512103474-0027	Black shingles + tar + paper - 816 Sidney - roof carport	Various/Black Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (Other)	None Detected
1118-24-Tar Paper 512103474-0027A	Black shingles + tar + paper - 816 Sidney - roof carport	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
1118-25 512103474-0028	White texture - 816 Sidney - bath	Beige Fibrous Homogeneous		10% Quartz 87% Non-fibrous (Other)	3% Chrysotile
1118-26 512103474-0029	White texture - 816 Sidney - LR	Beige Non-Fibrous Homogeneous		10% Quartz 87% Non-fibrous (Other)	3% Chrysotile
1118-27-Texture 512103474-0030	GWB + joint compound - 816 Sidney - basement	White Non-Fibrous Homogeneous		55% Ca Carbonate 45% Non-fibrous (Other)	None Detected
1118-27-Gypsum Wallboard 512103474-0030A	GWB + joint compound - 816 Sidney - basement	Brown/White Fibrous Homogeneous	20% Cellulose 3% Glass	65% Gypsum 12% Non-fibrous (Other)	None Detected
1118-28-Texture 512103474-0031	GWB + joint compound - 816 Sidney - basement	White Non-Fibrous Homogeneous		55% Ca Carbonate 45% Non-fibrous (Other)	None Detected
1118-28-Gypsum Wallboard 512103474-0031A	GWB + joint compound - 816 Sidney - basement	Brown/White Fibrous Homogeneous	20% Cellulose 2% Glass	65% Gypsum 13% Non-fibrous (Other)	None Detected
1118-29-Texture 512103474-0032	GWB + joint compound - 816 Sidney - basement	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
1118-29-Gypsum Wallboard 512103474-0032A	GWB + joint compound - 816 Sidney - basement	Brown/White Fibrous Homogeneous	20% Cellulose	60% Gypsum 20% Non-fibrous (Other)	None Detected
1118-30-Shingle 512103474-0033	Black shingles + tar + paper - 704 Sidney - roof	Black/Orange Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
1118-30-Tar Paper 512103474-0033A	Black shingles + tar + paper - 704 Sidney - roof	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
1118-31 512103474-0034 <i>Analysis includes inseperable mastic and carpet backing.</i>	Orange carpet + glue - 704 Sidney - main	Tan Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
1118-32-Vinyl Floor Tile 512103474-0035	Light blue patterned 1x1 VCT + mastic - 704 Sidney - kitchen	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-32-Mastic 512103474-0035A	Light blue patterned 1x1 VCT + mastic - 704 Sidney - kitchen	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-33-Vinyl Floor Tile 512103474-0036	Tan patterned 1x1' VCT + mastic - 704 Sidney - kitchen	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-33-Mastic 512103474-0036A	Tan patterned 1x1' VCT + mastic - 704 Sidney - kitchen	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1118-34-Vinyl Floor Tile 512103474-0037	White 1x1 VCT + mastic - 704 Sidney - bathroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-34-Mastic 512103474-0037A	White 1x1 VCT + mastic - 704 Sidney - bathroom	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-35-Texture 512103474-0038	Plaster + GWB + texture + JC - 704 Sidney - LR	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
1118-35-Skim Coat 512103474-0038A	Plaster + GWB + texture + JC - 704 Sidney - LR	Tan Non-Fibrous Homogeneous	3% Wollastonite	30% Quartz 67% Non-fibrous (Other)	None Detected
1118-35-Plaster 512103474-0038B	Plaster + GWB + texture + JC - 704 Sidney - LR	Gray Fibrous Homogeneous	<1% Cellulose	10% Quartz 90% Non-fibrous (Other)	None Detected
1118-35-Gypsum Wallboard 512103474-0038C	Plaster + GWB + texture + JC - 704 Sidney - LR	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-36-Fiber Board 512103474-0039	Plaster + GWB + texture + JC - 704 Sidney - bathroom	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
1118-36-Mastic 512103474-0039A	Plaster + GWB + texture + JC - 704 Sidney - bathroom	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-36-Plaster 512103474-0039B	Plaster + GWB + texture + JC - 704 Sidney - bathroom	Gray Fibrous Homogeneous	<1% Cellulose	10% Quartz 90% Non-fibrous (Other)	None Detected
1118-36-Gypsum Wallboard 512103474-0039C	Plaster + GWB + texture + JC - 704 Sidney - bathroom	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-37-Skim Coat 512103474-0040	Plaster + GWB + texture + JC - 704 Sidney - SE bedroom	Tan Non-Fibrous Homogeneous	3% Wollastonite	30% Quartz 67% Non-fibrous (Other)	None Detected
1118-37-Plaster 512103474-0040A	Plaster + GWB + texture + JC - 704 Sidney - SE bedroom	Gray Fibrous Homogeneous	<1% Cellulose	15% Quartz 85% Non-fibrous (Other)	None Detected
1118-37-Gypsum Wallboard 512103474-0040B	Plaster + GWB + texture + JC - 704 Sidney - SE bedroom	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-38-Skim Coat 512103474-0041	White texture - 704 Sidney - SE bedroom	Tan Non-Fibrous Homogeneous	2% Wollastonite	30% Quartz 68% Non-fibrous (Other)	None Detected
1118-38-Plaster 512103474-0041A	White texture - 704 Sidney - SE bedroom	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
1118-39-Cove Base 512103474-0042	Tan VCB + yellow glue - 704 Sidney - bathroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-39-Mastic 512103474-0042A	Tan VCB + yellow glue - 704 Sidney - bathroom	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-40 512103474-0043	Gray grout - 712 Sidney - LR chimney	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
1118-41-Vinyl Flooring 512103474-0044	Tan vinyl flooring + black mastic - 712 Sidney - main	Gray/Tan Fibrous Homogeneous	<1% Glass	100% Non-fibrous (Other)	None Detected
1118-41-Mastic 512103474-0044A	Tan vinyl flooring + black mastic - 712 Sidney - main	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-41-Backing 512103474-0044B	Tan vinyl flooring + black mastic - 712 Sidney - main	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-42 512103474-0045	White 2x4' SCP - 712 Sidney - _	Green/Beige Fibrous Homogeneous	40% Cellulose 35% Min. Wool	15% Perlite 10% Non-fibrous (Other)	None Detected
<i>Inseparable paint / coating layer included in analysis</i>					
1118-43-Texture 512103474-0046	GWB + JC + texture - 712 Sidney - LR E	White/Beige Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
1118-43-Gypsum Wallboard 512103474-0046A	GWB + JC + texture - 712 Sidney - LR E	Brown/Pink Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-44-Tape 512103474-0047	GWB + JC - 712 Sidney - LR N	Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
1118-44-Joint Compound 512103474-0047A	GWB + JC - 712 Sidney - LR N	Beige Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
1118-44-Gypsum Wallboard 512103474-0047B	GWB + JC - 712 Sidney - LR N	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-44-Composite 512103474-0047C	GWB + JC - 712 Sidney - LR N	Brown/White/Beige Fibrous Heterogeneous	35% Cellulose	55% Gypsum 10% Non-fibrous (Other)	<1% Chrysotile
<i>This is a composite result of wallboard, joint compound, and tape.</i>					
1118-45-Texture 512103474-0048	GWB + JC + texture - 712 Sidney - LR S	Beige Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
1118-45-Gypsum Wallboard 512103474-0048A	GWB + JC + texture - 712 Sidney - LR S	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-46-Texture 512103474-0049	White texture - 712 Sidney - hallway	White/Beige Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
<i>Analysis includes inseparable paint.</i>					
1118-46-Backing 512103474-0049A	White texture - 712 Sidney - hallway	Brown/Tan Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
1118-47 512103474-0050	Gray sealant - 712 Sidney - LR doorframe	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-48-Shingle 512103474-0051	Black roof shingle + paper - 712 Sidney - roof	Gray/Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
1118-48-Tar Paper 512103474-0051A	Black roof shingle + paper - 712 Sidney - roof	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
1118-50 <small>512103474-0052</small>	Ext stucco - 807 Cline - ext west	Gray/Tan Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
1118-51 <small>512103474-0053</small>	Ext stucco - 807 Cline - ext west	Gray/Tan Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
1118-52 <small>512103474-0054</small>	Ext stucco - 807 Cline - ext west	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
1118-53-Ceramic Tile <small>512103474-0055</small>	Tan ceramic tile + gorut - 807 Cline - entry	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-53-Mastic <small>512103474-0055A</small> <i>Analysis includes embedded mesh backing.</i>	Tan ceramic tile + gorut - 807 Cline - entry	Brown Fibrous Heterogeneous	20% Synthetic	80% Non-fibrous (Other)	None Detected
1118-54-Skim Coat <small>512103474-0056</small>	Plaster + texture - 807 Cline - entry	Tan Non-Fibrous Homogeneous	2% Wollastonite	30% Quartz 68% Non-fibrous (Other)	None Detected
1118-54-Plaster <small>512103474-0056A</small>	Plaster + texture - 807 Cline - entry	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
1118-54-Gypsum Wallboard <small>512103474-0056B</small>	Plaster + texture - 807 Cline - entry	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-55-Skim Coat <small>512103474-0057</small>	Plaster + GWB + JC - 807 Cline - entry	White Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
1118-55-Plaster <small>512103474-0057A</small>	Plaster + GWB + JC - 807 Cline - entry	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
1118-55-Gypsum Wallboard <small>512103474-0057B</small>	Plaster + GWB + JC - 807 Cline - entry	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-56-Skim Coat / Texture <small>512103474-0058</small>	Plaster + texture - 807 Cline - entry	Tan Non-Fibrous Homogeneous	2% Wollastonite	30% Quartz 68% Non-fibrous (Other)	None Detected
1118-56-Plaster <small>512103474-0058A</small>	Plaster + texture - 807 Cline - entry	Gray Non-Fibrous Homogeneous	<1% Hair	10% Quartz 90% Non-fibrous (Other)	None Detected
1118-56-Gypsum Wallboard <small>512103474-0058B</small>	Plaster + texture - 807 Cline - entry	Brown/White Fibrous Homogeneous	25% Cellulose	60% Gypsum 15% Non-fibrous (Other)	None Detected
1118-57-Skim Coat <small>512103474-0059</small>	White texture - 807 Cline - entry	Pink Non-Fibrous Homogeneous		3% Quartz 97% Non-fibrous (Other)	None Detected
1118-57-Plaster <small>512103474-0059A</small>	White texture - 807 Cline - entry	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
1118-58-Shingle <small>512103474-0060</small>	Blackr oof shingle + paper - 807 Cline - entry	Brown/Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1118-58-Tar Paper <i>512103474-0060A</i>	Black roof shingle + paper - 807 Cline - entry	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
1118-59-Ceramic Tile <i>512103474-0061</i>	Blue ceramic tile + grout - 807 Cline - bathroom	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-59-Mastic <i>512103474-0061A</i> <i>Analysis includes embedded mesh.</i>	Blue ceramic tile + grout - 807 Cline - bathroom	Beige Fibrous Heterogeneous	20% Synthetic	80% Non-fibrous (Other)	None Detected
1118-59-Skim Coat <i>512103474-0061B</i>	Blue ceramic tile + grout - 807 Cline - bathroom	White Non-Fibrous Homogeneous	2% Wollastonite	25% Quartz 73% Non-fibrous (Other)	None Detected
1118-59-Plaster <i>512103474-0061C</i>	Blue ceramic tile + grout - 807 Cline - bathroom	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
1118-60-Ceramic Tile <i>512103474-0062</i>	Tan VSF - 807 Cline - bathroom	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-60-Mortar & Mastic <i>512103474-0062A</i> <i>Analysis includes inseperable mastic, mortar, and embedded mesh.</i>	Tan VSF - 807 Cline - bathroom	Gray/Tan Fibrous Heterogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
1118-61 <i>512103474-0063</i>	Tan pattern VSF + mastic - 807 Cline - F2 kitchen	Beige Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
1118-62-Vinyl Floor Tile <i>512103474-0064</i>	Tan pattern VSF + mastic - 807 Cline - F2 bathroom	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-62-Mastic <i>512103474-0064A</i>	Tan pattern VSF + mastic - 807 Cline - F2 bathroom	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-63 <i>512103474-0065</i>	White SCP - 807 Cline - basement	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
1118-64-Joint Compound <i>512103474-0066</i>	Plaster - 803 Cline - dining room	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1118-64-Tape <i>512103474-0066A</i>	Plaster - 803 Cline - dining room	Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
1118-64-Plaster <i>512103474-0066B</i>	Plaster - 803 Cline - dining room	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
1118-65 <i>512103474-0067</i>	White VSF + mastic - 803 Cline - kitchen	White Fibrous Homogeneous	25% Cellulose 5% Synthetic 7% Glass	63% Non-fibrous (Other)	None Detected
1118-66-Vinyl Sheet Flooring <i>512103474-0068</i>	White VSF + mastic - 803 Cline - bathroom	White/Beige Fibrous Homogeneous	35% Cellulose 3% Glass	62% Non-fibrous (Other)	None Detected
1118-66-Mastic <i>512103474-0068A</i>	White VSF + mastic - 803 Cline - bathroom	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
1118-67 <i>512103474-0069</i>	Plaster - 803 Cline - bathroom	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
1118-68 <i>512103474-0070</i>	Plaster - 803 Cline - bathroom	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
1118-69 <i>512103474-0071</i>	Gray grout - 803 Cline - chimney	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
1118-70 <i>512103474-0072</i> <i>No mastic is present in this sample.</i>	Gray VSF + mastic - 803 Cline - F2 NE bath	Brown/Orange Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
1118-71-Shingle <i>512103474-0073</i>	Black shingle - 803 Cline - roof	Brown/Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
1118-71-Tar Paper <i>512103474-0073A</i>	Black shingle - 803 Cline - roof	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected

Analyst(s) \_\_\_\_\_

Claudiu Nistor (135)

Ehrin Stephens (6)

Rudy Baum, Interim Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Seattle, WA NVLAP Lab Code 200613, CA 2733, WA C1025

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## Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

#512103474

EMSL ANALYTICAL, INC.  
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CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
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Company: <u>Rose Environmental</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street:		Third Party Billing requires written authorization from third party	
City:	State/Province:	Zip/Postal Code:	Country:
Report To (Name): <u>MARTIN + RYAN</u>		Telephone #:	
Email Address:		Fax #:	Purchase Order:
Project Name/Number: <u>11096-Kitsap</u>		Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email	
U.S. State Samples Taken:		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
<b>Turnaround Time (TAT) Options* - Please Check</b>			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input checked="" type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
<b>PLM - Bulk (reporting limit)</b>		<b>TEM - Bulk</b>	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	
<input type="checkbox"/> PLM EPA NOB (<1%)		<input type="checkbox"/> NY ELAP Method 198.4 (TEM)	
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> Chatfield Protocol (semi-quantitative)	
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2	
<input type="checkbox"/> NIOSH 9002 (<1%)		<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)		<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)		<b>Other</b>	
<input type="checkbox"/> OSHA ID-191 Modified		<input type="checkbox"/>	
<input type="checkbox"/> Standard Addition Method			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: <u>11/18 + 11/19, 2021</u>	
Samplers Name: <u>Rim M</u>		Samplers Signature: <u>[Signature]</u>	
Sample #	<del>REF</del>	MATERIAL Sample Location	LOCATION Material Description
<u>1118</u>	<u>0.1</u>	<u>Black Shingle tan + paper</u>	<u>717 Sidway - Roof</u>
-	<u>0.2</u>	<u>Black/white cork</u>	<u>- East Door ext.</u>
-	<u>1</u>	<u>Red 9x9 ceramic tile + black mastic</u>	<u>- Inta under carpet</u>
-	<u>2</u>	<u>Tan 9x9 ↓</u>	<u>- ↓</u>
-	<u>3</u>	<u>Tan VCB + yellow mastic</u>	<u>- South @ office</u>
-	<u>4</u>	<u>Orange carpet glue</u>	<u>- MAIN Hallway</u>
-	<u>5</u>	<u>GWB + joint compound + white texture</u>	<u>-</u>
-	<u>6</u>	<u>↓</u>	<u>-</u>
-	<u>7</u>	<u>↓</u>	<u>-</u>
-	<u>8</u>	<u>Tan/red pitted wall VCB</u>	<u>- Basement - EAST</u>
Client Sample # (s):		Total # of Samples: <u>73</u>	
Relinquished (Client): <u>[Signature]</u>		Date: <u>11/21/20</u>	Time:
Received (Lab): <u>Chadwick Nichol</u>		Date: <u>11/22/21</u>	Time: <u>8:00 AM 0:8</u>
Comments/Special Instructions:			



EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

### Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (lab use only):

#512103474

EMSL ANALYTICAL, INC.  
5900 4TH AVE S, STE 100  
SEATTLE, WA 98108  
PHONE: (206) 269-6310  
FAX: (206) 900-8789

Additional pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Material Sample Location	Locat Material Description
1118 -	9	GWAs + j.c.	717 Basement - NW ut. l. h
↓	10	Orange carpet msh.	↓ Basement - MAIN
1118 -	11	Brown pattern VSB + yellow mastic	808 <del>Kitchen</del> Kitchen
↓	12.0	gray grout	Sidney ↓ Cherry grout
↓	12.1	Black roof shingle tan + pap	↓ Roof shingle
1118 -	13	Green particle board	816 Sidney - Ext. - part of wall
	14	White ceramic tile + gray grout	- Bathroom
	15	Tan grout	- Kitchen
	16	White 1x1 SCP	- F2 entry hallway
	17	Black VCB + Tan VSB + MASTIC	- <del>Black VCB Kitchen floor</del>
	18	Black VCB + yellow MASTIC	- Basement
	19	Tan VCB + yellow MASTIC	- Basement
	20	Gray Plaster	- Kitchen
	21	↓ + texture	- LR
	22	↓	- LR
	23	Black shingles + tan + pap	- Roof MAIN
	24	↓	- Roof CAR-por +
	25	White texture	- Bath
	26	White texture	- LR
	27	GWAs + joint compound	- Basement
	28	↓	↓
*Comments/Special Instructions:		↓	↓
↓	29	↓	↓



**Asbestos Bulk Building Material Chain of Custody**

EMSL Order Number (Lab Use Only):

**#512103474**

EMSL ANALYTICAL, INC.  
 3317 3<sup>RD</sup> AVE S., SUITE D  
 SEATTLE, WA 98134  
 PHONE: (206) 269-6310  
 FAX: (206) 900-8789

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	<del>Mat</del> Sample Location	<del>Locat</del> Material Description
1118-	30	Black shingles + tan + paper	704 Sidney - Roof
	31	Orange carpet glue	- MAIN
	32	Light blue pattered 1x1 VCT + mastic	- Kitchen
	33	Tan pattered 1x1' VCT + mastic	- Kitchen
	34	White 1x1 VCT + mastic	- Bathrooms
	35	Plaster + GWB + texture + J.C.	- LR
	36	Plaster + GWB + J.C.	- Bathroom
	37	Plaster + GWB + texture + J.C.	- SE Bedroom
	38	White texture	- SE Bedroom
	39	Tan VCT + yellow glue	- Bathro
1116	40	Grey grout.	712 Sidney - LR Chimney
	41	Tan Vinyl Floor + black mastic	- MAIN
	42	White 2x4' G SCP	- Corl
	43	GWB + J.C. + texture	- LR E
	44	GWB + J.C.	- LR N
	45	GWB + J.C. + texture	- LR S
	46	White texture	- Hallw
	47	Grey <del>grout</del> Sealant	- LR Door fra
	48	Black Roof Shingl + paper	- Roof
	<del>49</del>		
*Comments/Special Instructions:			



**Asbestos Bulk Building Material  
Chain of Custody**  
EMSL Order Number (Lab Use Only):

**#512103474**

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Mat - Sample Location	Loc - Material Description
1119-	50	Ext. Stucco	807 Chae - Ext. West
	51	↓	- ↓
	52	↓	- ↓
	53	Tan ceramic tile n grout	- Entry
	54	Plaster + texture	-
	55	Plaster + GWB + J.C	-
	56	Plaster + texture	-
	57	White texture	-
	58	Black Roof Shingle + pop	-
	59	Blue ceramic tile + grout	- Batho
	60	Tan VSF	-
	61	Tan pattern VSF + mastic	- F2 Kitch
	62	↓	- F2 Batho
	63	White SCP	↓ - Basement
	64	Plaster	803 Chae - Dining Room
	65	White VSF + mastic	- Kitch
	66	↓	- Bathroom
	67	Plaster	-
	68	Plaster	-
	69	Grey grout	- Chimney
✓	70	- Orange VSF + mastic	- F2 NE Batho
✓	71	- Black <del>ASF</del> Shingles	- Roof

\*Comments/Special Instructions:

November 22, 2021

Martin Rose

**Rose Environmental**

6715 Greenwood Ave. N  
Seattle, WA 98107



**NVL Batch # 2120433.00**

**RE: Total Metal Analysis**  
**Method: EPA 7000B Lead by FAA <paint>**  
**Item Code: FAA-02**

Client Project: 11696-Kitsap

Location: Port Orchard

Dear Mr. Rose,

NVL Labs received 15 sample(s) for the said project on 11/22/2021. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Shalini Patel', is written over a light blue horizontal line.

Shalini Patel, Lab Supervisor

Enc.: Sample results



Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)  
4708 Aurora Avenue North | Seattle, WA 98103-6516

# Analysis Report

## Total Lead (Pb)



Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2120433.00**


Matrix: Paint  
 Method: EPA 3051/7000B  
 Client Project #: 11696-Kitsap  
 Date Received: 11/22/2021  
 Samples Received: 15  
 Samples Analyzed: 15

**Attention: Mr. Martin Rose**  
 Project Location: Port Orchard

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
21135192	1118-L1	0.1860	54	3400	0.34
21135193	1118-L2	0.0739	140	< 140	<0.014
21135194	1118-L3	0.1069	94	< 94	<0.0094
21135195	1118-L4	0.0132	380	< 380	<0.038
21135196	1118-L5	0.2035	49	620	0.062
21135197	1118-L6	0.0551	180	17000	1.7
21135198	1118-L7	0.0492	100	1600	0.16
21135199	1118-L8	0.1913	52	70	0.0070
21135200	1118-L9	0.1082	92	140000	14
21135201	1118-L10	0.0214	230	< 230	<0.023
21135202	1118-L11	0.0266	190	< 190	<0.019
21135203	1118-L12	0.0301	170	< 170	<0.017
21135204	1118-L13	0.0562	180	< 180	<0.018
21135205	1118-L14	0.0053	940	< 940	<0.094
21135206	1118-L15	0.0298	170	< 170	<0.017

**Comments:** Small sample size (<0.05g) for some of the samples.

Sampled by: Client  
 Analyzed by: Yasuyuki Hida      Date Analyzed: 11/22/2021  
 Reviewed by: Shalini Patel      Date Issued: 11/22/2021

  
 \_\_\_\_\_  
 Shalini Patel, Lab Supervisor

mg/ Kg =Milligrams per kilogram

Percent = Milligrams per kilogram / 10000

Note : Method QC results are acceptable unless stated otherwise.

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit

'<' = Below the reporting Limit

Bench Run No: 2021-1122-05

FAA-02

# LEAD LABORATORY SERVICES



<b>Company</b> Rose Environmental <b>Address</b> 6715 Greenwood Ave. N Seattle, WA 98107 <b>Project Manager</b> Mr. Martin Rose <b>Phone</b> (206) 679-0699	<b>NVL Batch Number</b> <b>2120433.00</b> <b>TAT</b> 2 Days <b>AH</b> No. <b>Rush TAT</b> <b>Due Date</b> 11/24/2021 <b>Time</b> 8:00 AM <b>Email</b> roseenv@gmail.com <b>Fax</b> (206) 279-1756
---	--

**Project Name/Number:** 11696-Kitsap      **Project Location:** Port Orchard

**Subcategory** Flame AA (FAA)  
**Item Code** FAA-02      EPA 7000B Lead by FAA <paint>

**Total Number of Samples** 15      **Rush Samples** \_\_\_\_\_

Lab ID	Sample ID	Description	A/R
1	21135192	1118-L1	A
2	21135193	1118-L2	A
3	21135194	1118-L3	A
4	21135195	1118-L4	A
5	21135196	1118-L5	A
6	21135197	1118-L6	A
7	21135198	1118-L7	A
8	21135199	1118-L8	A
9	21135200	1118-L9	A
10	21135201	1118-L10	A
11	21135202	1118-L11	A
12	21135203	1118-L12	A
13	21135204	1118-L13	A
14	21135205	1118-L14	A
15	21135206	1118-L15	A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Drop Box				
<b>Office Use Only</b>	Print Name	Signature	Company	Date	Time
<b>Received by</b>	Kelly AuVu		NVL	11/22/21	800
<b>Analyzed by</b>	Yasuyuki Hida		NVL	11/22/21	
<b>Results Called by</b>					
<input type="checkbox"/> <b>Faxed</b>	<input type="checkbox"/> <b>Emailed</b>				
<b>Special Instructions:</b> _____					

Date: 11/22/2021  
 Time: 8:43 AM  
 Entered By: Kelly AuVu



# 2120433

## CHAIN OF CUSTODY

**Turn Around Time**

- 2 Hour      4 Hours      24 Hours  
 2 Days      3 Days      4 Days  
 5 Days      6-10 Days  
 Please call for TAT less than 24 Hours

Company ROSE Environmental  
 Address - on file -  
 Phone \_\_\_\_\_

Project Manager MARTIN ROSE  
 Cell ( ) \_\_\_\_\_  
 Email \_\_\_\_\_  
 Fax ( ) \_\_\_\_\_

Project Name/Number 11696-Kitsap Project Location Port Orchard

- |  |                                     |   |   |                               |  |                                   |
|--|-------------------------------------|---|---|-------------------------------|--|-----------------------------------|
| <input checked="" type="checkbox"/> Total Metals | <input type="checkbox"/> FAA (ppm)  | <input type="checkbox"/> Air Filter       | <input checked="" type="checkbox"/> Paint Chips (%) | <input type="checkbox"/> Soil | <input type="checkbox"/> RCRA 8          | <input type="checkbox"/> RCRA 11  |
| <input type="checkbox"/> TCLP                    | <input type="checkbox"/> ICP (PPM)  | <input type="checkbox"/> Paint Chips (cm) | <input type="checkbox"/> Dust Wipes                 |                               | <input type="checkbox"/> Barium          | <input type="checkbox"/> Chromium |
|  | <input type="checkbox"/> GFAA (ppb) | <input type="checkbox"/> Drinking Water   | <input type="checkbox"/> Waste Water                |                               | <input type="checkbox"/> Arsenic         | <input type="checkbox"/> Mercury  |
|  | <input type="checkbox"/> CVAA (ppb) | <input type="checkbox"/> Other            |   |                               | <input type="checkbox"/> Selenium        | <input type="checkbox"/> Cadmium  |
|  |                                     |   |   |                               | <input type="checkbox"/> Silver          | <input type="checkbox"/> Copper   |
|  |                                     |   |   |                               | <input checked="" type="checkbox"/> Lead | <input type="checkbox"/> Zinc     |
|  |                                     |   |   |                               | <input type="checkbox"/> Other           | <input type="checkbox"/> Other    |

Reporting Instructions \_\_\_\_\_  
 Call ( ) \_\_\_\_\_  Fax ( ) \_\_\_\_\_  Email \_\_\_\_\_

**Total Number of Samples** 46

Sample ID	Description	A/R
1	1118-L1 717 Sidney - Brown MAIN exterior	
2	L2 ↓ - White interior	
3	L3 ↓ - White foundation	
4	L4 808 Sidney - White exterior	
5	L5 ↓ - Yellow interior	
6	L6 ↓ - MUAVE interior Bathroom	
7	L7 ↓ - Green interior Bathroom	
8	L8 816 Sidney - <del>RD</del> Torquoise - ext.	
9	L9 ↓ - Dark turquoise - ext. trim.	
10	L10 ↓ - White - Kitchen	
11	L11 ↓ - Purple - Kitchen	
12	L12 ↓ - Yellow - L.R.	
13	L13 ↓ - Blue - Bathroom	
14	L14 ↓ - MUAVE - L2 East Bedr.	
15	L15 ↓ - Dark Blue - L2	

Print Name	Signature	Company	Date	Time
Sampled by <u>RA</u>	<u>[Signature]</u>		<u>11/18 + 19, 2014</u>	
Relinquish by <u>RA</u>	<u>[Signature]</u>			

**Office Use Only**

Print Name	Signature	Company	Date	Time
Received by <u>Fuller</u>	<u>[Signature]</u>	<u>NVL</u>	<u>11/22/2014</u>	<u>800PM</u>
Analyzed by				
Called by				
Faxed/Email by				

November 23, 2021

Martin Rose

**Rose Environmental**

6715 Greenwood Ave. N  
Seattle, WA 98107



**NVL Batch # 2120434.00**

**RE: Total Metal Analysis**  
**Method: EPA 7000B Lead by FAA <paint>**  
**Item Code: FAA-02**

Client Project: 11696-Kitsap

Location: Port Orchard

Dear Mr. Rose,

NVL Labs received 15 sample(s) for the said project on 11/22/2021. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Shalini Patel", is written over a light blue horizontal line.

Shalini Patel, Lab Supervisor

Enc.: Sample results



Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)  
4708 Aurora Avenue North | Seattle, WA 98103-6516

# Analysis Report

## Total Lead (Pb)



Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2120434.00**


Matrix: Paint  
 Method: EPA 3051/7000B  
 Client Project #: 11696-Kitsap  
 Date Received: 11/22/2021  
 Samples Received: 15  
 Samples Analyzed: 15

**Attention: Mr. Martin Rose**  
 Project Location: Port Orchard

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
21135207	1118-L16	0.0389	130	< 130	<0.013
21135208	1118-L17	0.0228	220	< 220	<0.022
21135209	1118-L18	0.0110	450	620	0.062
21135210	1118-L19	0.0411	120	< 120	<0.012
21135211	1118-L20	0.0355	140	20000	2.0
21135212	1118-L21	0.0649	150	400	0.040
21135213	1118-L22	0.1830	55	7800	0.78
21135214	1118-L23	0.0739	140	610	0.061
21135215	1118-L24	0.1890	53	69000	6.9
21135216	1118-L25	0.1414	71	< 71	<0.0071
21135217	1118-L26	0.0643	160	< 160	<0.016
21135218	1118-L27	0.1811	55	< 55	<0.0055
21135219	1118-L28	0.0414	120	1000	0.10
21135220	1118-L29	0.2013	50	460	0.046
21135221	1118-L30	0.1830	55	2100	0.21

**Comments:** Small sample size (<0.05g) for some of the samples.

Sampled by: Client  
 Analyzed by: Yasuyuki Hida      Date Analyzed: 11/23/2021  
 Reviewed by: Shalini Patel      Date Issued: 11/23/2021

  
 \_\_\_\_\_  
 Shalini Patel, Lab Supervisor

mg/ Kg =Milligrams per kilogram

Percent = Milligrams per kilogram / 10000

Note : Method QC results are acceptable unless stated otherwise.

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit

'<' = Below the reporting Limit

Bench Run No: 2021-1123-01

FAA-02

# LEAD LABORATORY SERVICES



<b>Company</b> Rose Environmental <b>Address</b> 6715 Greenwood Ave. N Seattle, WA 98107 <b>Project Manager</b> Mr. Martin Rose <b>Phone</b> (206) 679-0699	<b>NVL Batch Number</b> <b>2120434.00</b> <b>TAT</b> 2 Days <b>AH No.</b> <b>Rush TAT</b> <b>Due Date</b> 11/24/2021 <b>Time</b> 8:00 AM <b>Email</b> roseenv@gmail.com <b>Fax</b> (206) 279-1756
---	--

**Project Name/Number:** 11696-Kitsap      **Project Location:** Port Orchard

**Subcategory** Flame AA (FAA)  
**Item Code** FAA-02      EPA 7000B Lead by FAA <paint>

**Total Number of Samples** 15      **Rush Samples**

Lab ID	Sample ID	Description	A/R
1	21135207	1118-L16	A
2	21135208	1118-L17	A
3	21135209	1118-L18	A
4	21135210	1118-L19	A
5	21135211	1118-L20	A
6	21135212	1118-L21	A
7	21135213	1118-L22	A
8	21135214	1118-L23	A
9	21135215	1118-L24	A
10	21135216	1118-L25	A
11	21135217	1118-L26	A
12	21135218	1118-L27	A
13	21135219	1118-L28	A
14	21135220	1118-L29	A
15	21135221	1118-L30	A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Drop Box				

Office Use Only	Print Name	Signature	Company	Date	Time
<b>Received by</b>	Kelly AuVu		NVL	11/22/21	800
<b>Analyzed by</b>	Yasuyuki Hida		NVL	11/23/21	
<b>Results Called by</b>					
<input type="checkbox"/> <b>Faxed</b> <input type="checkbox"/> <b>Emailed</b>					

**Special Instructions:**

Date: 11/22/2021  
 Time: 8:45 AM  
 Entered By: Kelly AuVu



# METALS CHAIN OF CUSTODY

Turn Around Time

- 2 Hour       4 Hours       24 Hours
- 2 Days       3 Days       4 Days
- 5 Days       6-10 Days

Please call for T/

## 2120434

Company \_\_\_\_\_ Project Manager \_\_\_\_\_

Address \_\_\_\_\_ Cell ( ) - \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Phone \_\_\_\_\_ Fax ( ) - \_\_\_\_\_

Project Name/Number	Project Location
---------------------	------------------

<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Paint Chips (%)	<input type="checkbox"/> Soil	RCRA 8	RCRA 11
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (PPM)	<input type="checkbox"/> Paint Chips (cm)	<input type="checkbox"/> Dust Wipes		<input type="checkbox"/> Barium <input type="checkbox"/> Chromium <input type="checkbox"/> Silver	<input type="checkbox"/> Copper
	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Waste Water		<input type="checkbox"/> Arsenic <input type="checkbox"/> Mercury <input type="checkbox"/> Lead	<input type="checkbox"/> Zinc
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Other _____			<input type="checkbox"/> Selenium <input type="checkbox"/> Cadmium	<input type="checkbox"/> Other _____

Reporting Instructions \_\_\_\_\_

Call ( ) - \_\_\_\_\_  Fax ( ) - \_\_\_\_\_  Email \_\_\_\_\_

### Total Number of Samples

(copy 2)

Sample ID	Description	A/R
1 1118 - L16	816 Side Light Blue - L2 Bedroom	
2 - L17	Purple - L2 Bedroom	
3 L18	Black - Kitchen trim	
4 L19	Light tan - Kitchen Nook	
5 1118-L20	704 Side - White-ext.	
6 L21	Blue - entrance	
7 L22	White - Bathroom	
8 L23	White - Living Room	
9 1118 - L24	712 Side - Tan ext. main	
10 - L25	Red ext. trim	
11 - L26	gray foundation	
12 +L27	off-white	
13 - L28	Brown Trim	
14 - L29	F2 - Yellow	
15 - L30	F2 - White trim	

Print Name	Signature	Company	Date	Time
Sampled by				
Relinquish by				

### Office Use Only

Print Name	Signature	Company	Date	Time
Received by	<i>[Signature]</i>	<i>[Signature]</i>	11/22/2011	8:00 AM
Analyzed by				
Called by				
Faxed/Email by				

**METALS  
CHAIN OF CUSTODY**

Turn Around Time  
 2 Hour  
 2 Days  
 5 Days  
 Please call for

**2120434**

Company ROSE ENVIRONMENTAL  
 Address - on file -  
 Phone \_\_\_\_\_

Project Manager MARTIN ROSE  
 Cell ( ) \_\_\_\_\_  
 Email \_\_\_\_\_  
 Fax ( ) \_\_\_\_\_

Project Name/Number 11696-Kitsap Project Location Port Orchard

- |  |                                      |   |   |                               |                                   |  |
|--|--------------------------------------|---|---|-------------------------------|-----------------------------------|--|
| <input checked="" type="checkbox"/> Total Metals | <input type="checkbox"/> FAA (ppm)   | <input type="checkbox"/> Air Filter       | <input checked="" type="checkbox"/> Paint Chips (%) | <input type="checkbox"/> Soil | RCRA 8                            | RCRA 11                                  |
| <input type="checkbox"/> TCLP                    | <input type="checkbox"/> ICP (PPM)   | <input type="checkbox"/> Paint Chips (cm) | <input type="checkbox"/> Dust Wipes                 |                               | <input type="checkbox"/> Barium   | <input type="checkbox"/> Chromium        |
|  | <input type="checkbox"/> GFAA (ppb)  | <input type="checkbox"/> Drinking Water   | <input type="checkbox"/> Waste Water                |                               | <input type="checkbox"/> Arsenic  | <input type="checkbox"/> Mercury         |
|  | <input type="checkbox"/> CVAAs (ppb) | <input type="checkbox"/> Other _____      |   |                               | <input type="checkbox"/> Selenium | <input type="checkbox"/> Cadmium         |
|  |                                      |   |   |                               |                                   | <input type="checkbox"/> Silver          |
|  |                                      |   |   |                               |                                   | <input type="checkbox"/> Copper          |
|  |                                      |   |   |                               |                                   | <input checked="" type="checkbox"/> Lead |
|  |                                      |   |   |                               |                                   | <input type="checkbox"/> Zinc            |
|  |                                      |   |   |                               |                                   | <input type="checkbox"/> Other _____     |

Reporting Instructions \_\_\_\_\_  
 Call ( ) \_\_\_\_\_  Fax ( ) \_\_\_\_\_  Email \_\_\_\_\_

Total Number of Samples 46

Sample ID	Description	A/R
1	1118-L1 717 Sidney - Brown MAIN exterior	
2	L2 ↓ - White interior	
3	L3 ↓ - White foundation	
4	L4 808 Sidney - White exterior	
5	L5 ↓ - Yellow interior	
6	L6 ↓ - MUAVE interior Bathroom	
7	L7 ↓ - Green interior Bathroom	
8	L8 816 Sidney - <del>FD</del> Torquoise - Ext. trim.	
9	L9 ↓ - Dark turquoise - Ext. trim.	
10	L10 ↓ - White - Kitchen	
11	L11 ↓ - Purple - Kitchen	
12	L12 ↓ - Yellow - L.R.	
13	L13 ↓ - Blue - Bathroom	
14	L14 ↓ - Muave - L2 East Pool	
15	L15 ↓ - Dark Blue - L2	

Print Name	Signature	Company	Date	Time
Sampled by <u>[Signature]</u>	<u>[Signature]</u>		11/18/19, 2019	
Relinquish by <u>[Signature]</u>	<u>[Signature]</u>			

**Office Use Only**

Print Name	Signature	Company	Date	Time
Received by <u>[Signature]</u>	<u>[Signature]</u>	NVL	11/22/2019	5:00 PM
Analyzed by _____				
Called by _____				
Faxed/Email by _____				

November 23, 2021

Martin Rose

**Rose Environmental**

6715 Greenwood Ave. N  
Seattle, WA 98107



**NVL Batch # 2120435.00**

**RE: Total Metal Analysis**  
**Method: EPA 7000B Lead by FAA <paint>**  
**Item Code: FAA-02**

Client Project: 11696-Kitsap

Location: Port Orchard

Dear Mr. Rose,

NVL Labs received 16 sample(s) for the said project on 11/22/2021. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Shalini Patel", is written over a light blue horizontal line.

Shalini Patel, Lab Supervisor

Enc.: Sample results



Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)  
4708 Aurora Avenue North | Seattle, WA 98103-6516

# Analysis Report

## Total Lead (Pb)



Client: Rose Environmental  
 Address: 6715 Greenwood Ave. N  
 Seattle, WA 98107

**Batch #: 2120435.00**

Matrix: Paint  
 Method: EPA 3051/7000B  
 Client Project #: 11696-Kitsap  
 Date Received: 11/22/2021  
 Samples Received: 16  
 Samples Analyzed: 15

**Attention: Mr. Martin Rose**

Project Location: Port Orchard

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
21135222	1118-L31	0.2015	50	3500	0.35
21135223	1118-L32	0.0997	100	4700	0.47
21135224	1119-L33	0.1402	71	8600	0.86
21135225	1119-L34	0.1483	67	69000	6.9
21135226	1119-L35	0.0854	120	360	0.036
21135227	1119-L36	0.0601	170	< 170	<0.017
21135228	1119-L37	0.0340	150	2600	0.26
21135229	1119-L38	0.0246	200	< 200	<0.020
21135230	1119-L39				
21135231	1119-L40	0.1287	78	950	0.095
21135232	1119-L41	0.0393	130	150	0.015
21135233	1119-L42	0.1420	70	240	0.024
21135234	1119-L43	0.1971	51	150000	15
21135235	1119-L44	0.0756	130	400	0.040
21135236	1119-L45	0.0806	120	480	0.048
21135237	1119-L46	0.0590	170	< 170	<0.017

**Comments:** Sample 1119-L39 was not submitted. Small sample size (<0.05g) for 1119-L37, -L38, and -L41.

Sampled by: Client  
 Analyzed by: Yasuyuki Hida      Date Analyzed: 11/23/2021  
 Reviewed by: Shalini Patel      Date Issued: 11/23/2021

\_\_\_\_\_  
 Shalini Patel, Lab Supervisor

mg/ Kg =Milligrams per kilogram

Percent = Milligrams per kilogram / 10000

Note : Method QC results are acceptable unless stated otherwise.

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit

'<' = Below the reporting Limit

Bench Run No: 2021-1122-09

FAA-02

# LEAD LABORATORY SERVICES



<b>Company</b> Rose Environmental <b>Address</b> 6715 Greenwood Ave. N Seattle, WA 98107 <b>Project Manager</b> Mr. Martin Rose <b>Phone</b> (206) 679-0699	<b>NVL Batch Number</b> <b>2120435.00</b> <b>TAT</b> 2 Days <b>AH</b> No. <b>Rush TAT</b> <b>Due Date</b> 11/24/2021 <b>Time</b> 8:00 AM <b>Email</b> roseenv@gmail.com <b>Fax</b> (206) 279-1756
---	--

**Project Name/Number:** 11696-Kitsap      **Project Location:** Port Orchard

**Subcategory** Flame AA (FAA)  
**Item Code** FAA-02      EPA 7000B Lead by FAA <paint>

**Total Number of Samples** 16      **Rush Samples** \_\_\_\_\_

Lab ID	Sample ID	Description	A/R
1	21135222	1118-L31	A
2	21135223	1118-L32	A
3	21135224	1119-L33	A
4	21135225	1119-L34	A
5	21135226	1119-L35	A
6	21135227	1119-L36	A
7	21135228	1119-L37	A
8	21135229	1119-L38	A
9	21135230	1119-L39	A
10	21135231	1119-L40	A
11	21135232	1119-L41	A
12	21135233	1119-L42	A
13	21135234	1119-L43	A
14	21135235	1119-L44	A
15	21135236	1119-L45	A
16	21135237	1119-L46	A
9	21135230	Sample Not Submitted	A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Drop Box				

Office Use Only	Print Name	Signature	Company	Date	Time
<b>Received by</b>	Kelly AuVu		NVL	11/22/21	800
<b>Analyzed by</b>	Yasuyuki Hida		NVL	11/23/21	
<b>Results Called by</b>					
<input type="checkbox"/> <b>Faxed</b> <input type="checkbox"/> <b>Emailed</b>					

**Special Instructions:** \_\_\_\_\_

Date: 11/22/2021  
 Time: 8:51 AM  
 Entered By: Kelly AuVu



# METALS CHAIN OF CUSTODY

Turn Around Time

- 2 Hour       4 Hours       24 Hours
  - 2 Days       3 Days       4 Days
  - 5 Days       6-10 Days
- Please call for details

## 2120435

Company \_\_\_\_\_ Project Manager \_\_\_\_\_

Address \_\_\_\_\_ Cell (\_\_\_\_) \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Phone \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

Project Name/Number _____		Project Location _____	
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Paint Chips (%)
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (PPM)	<input type="checkbox"/> Paint Chips (cm)	<input type="checkbox"/> Dust Wipes
	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Waste Water
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Other _____	
RCRA 8		RCRA 11	
<input type="checkbox"/> Barium	<input type="checkbox"/> Chromium	<input type="checkbox"/> Silver	<input type="checkbox"/> Copper
<input type="checkbox"/> Arsenic	<input type="checkbox"/> Mercury	<input type="checkbox"/> Lead	<input type="checkbox"/> Zinc
<input type="checkbox"/> Selenium	<input type="checkbox"/> Cadmium	<input type="checkbox"/> Other _____	

Reporting Instructions \_\_\_\_\_

Call (\_\_\_\_) \_\_\_\_\_       Fax (\_\_\_\_) \_\_\_\_\_       Email \_\_\_\_\_

Total Number of Samples \_\_\_\_\_

Sample ID	Description	A/R
1	1118-L31 712 Sidney - Blue ext. steps	
2	↓ - L32 ↓ - White ext. trim door	
3	1119-L33 807 Clinic - Red ext.	
4	- L34 - Yellow ext.	
5	L35 - Tra foundation	
6	L36 - Yellow east shed door	
7	L37 - White ext. east trim	
8	L38 - Tra Stucco ext.	
9	L39 - White int.	
10	L40 - F2 - Yellow	
11	L41 - F2 - Blue	
12	L42 - Basement - Floor	
13	L43 803 Clinic - White ext.	
14	L44 - White int.	
15	L45 - Blue - SE Bedroom	
16	L46 - Yellow - Bathroom	

Print Name	Signature	Company	Date	Time
Sampled by				
Relinquish by				

**Office Use Only**

Print Name	Signature	Company	Date	Time
Received by			11/22/2021	8:00
Analyzed by				
Called by				
Faxed/Email by				



# METALS CHAIN OF CUSTODY

Turn Around Time

- 2 Hour
- 2 Days
- 5 Days

## 2120435

Please call for TAT less than 24 Hours

Company ROSE Environmental  
 Address - on file -  
 Phone \_\_\_\_\_

Project Manager MARTIN ROSE  
 Cell ( ) \_\_\_\_\_  
 Email \_\_\_\_\_  
 Fax ( ) \_\_\_\_\_

Project Name/Number 11696-Kitsap Project Location Port Orchard

- |  |                                     |   |   |                               |                                   |  |
|--|-------------------------------------|---|---|-------------------------------|-----------------------------------|--|
| <input checked="" type="checkbox"/> Total Metals | <input type="checkbox"/> FAA (ppm)  | <input type="checkbox"/> Air Filter       | <input checked="" type="checkbox"/> Paint Chips (%) | <input type="checkbox"/> Soil | RCRA 8                            | RCRA 11                                  |
| <input type="checkbox"/> TCLP                    | <input type="checkbox"/> ICP (PPM)  | <input type="checkbox"/> Paint Chips (cm) | <input type="checkbox"/> Dust Wipes                 |                               | <input type="checkbox"/> Barium   | <input type="checkbox"/> Chromium        |
|  | <input type="checkbox"/> GFAA (ppb) | <input type="checkbox"/> Drinking Water   | <input type="checkbox"/> Waste Water                |                               | <input type="checkbox"/> Arsenic  | <input type="checkbox"/> Mercury         |
|  | <input type="checkbox"/> CVAA (ppb) | <input type="checkbox"/> Other _____      |   |                               | <input type="checkbox"/> Selenium | <input checked="" type="checkbox"/> Lead |
|  |                                     |   |   |                               | <input type="checkbox"/> Cadmium  | <input type="checkbox"/> Silver          |
|  |                                     |   |   |                               |                                   | <input type="checkbox"/> Copper          |
|  |                                     |   |   |                               |                                   | <input type="checkbox"/> Zinc            |
|  |                                     |   |   |                               |                                   | <input type="checkbox"/> Other _____     |

Reporting instructions \_\_\_\_\_  
 Call ( ) \_\_\_\_\_  Fax ( ) \_\_\_\_\_  Email \_\_\_\_\_

Total Number of Samples 46

Sample ID	Description	A/R
1	1118-L1 717 Sidney - Brown MAIN exterior	
2	L2 - White interior	
3	L3 - White foundation	
4	L4 808 Sidney - White exterior	
5	L5 - Yellow interior	
6	L6 - MUAVE interior Bathroom	
7	L7 - Green interior Bathroom	
8	L8 816 Sidney - Dark Torquoise - Ext. trim.	
9	L9 - White - Kitchen	
10	L10 - Purple - Kitchen	
11	L11 - Yellow - L.R.	
12	L12 - Blue - Bathroom	
13	L13 - MUAVE - L2 EAST Bedr.	
14	L14 - Dark Blue - L2	
15	L15	

Print Name	Signature	Company	Date	Time
Sampled by <u>[Signature]</u>	<u>[Signature]</u>		11/18/19, 2019	
Relinquish by <u>[Signature]</u>	<u>[Signature]</u>			

**Office Use Only**

Print Name	Signature	Company	Date	Time
Received by <u>[Signature]</u>	<u>[Signature]</u>	NVL	11/22/2019	5:00 PM
Analyzed by _____				
Called by _____				
Faxed/Email by _____				



IMG\_1932



IMG\_1933



IMG\_1934



IMG\_1936



IMG\_1937



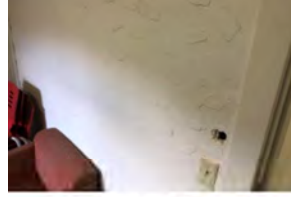
IMG\_1938



IMG\_1939



IMG\_1942



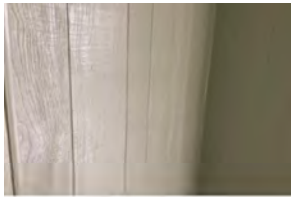
IMG\_1943



IMG\_1944



IMG\_1945



IMG\_1946



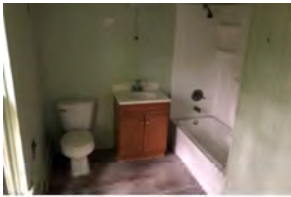
IMG\_1947



IMG\_1948



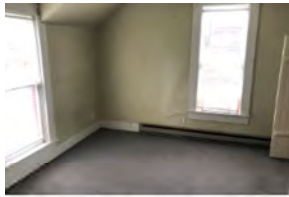
IMG\_1949



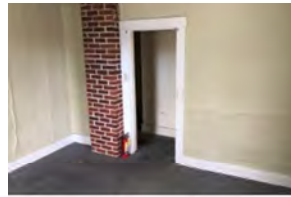
IMG\_1950



IMG\_1951



IMG\_1952



IMG\_1953



IMG\_1954



IMG\_1955



IMG\_1956



IMG\_1957



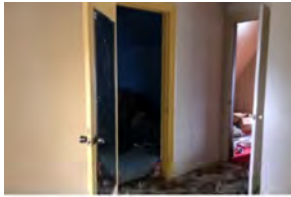
IMG\_1958



IMG\_1959



IMG\_1960



IMG\_1961



IMG\_1962



IMG\_1963



IMG\_1964



IMG\_1965



IMG\_1966



IMG\_1967



IMG\_1968



IMG\_1969



IMG\_1970



IMG\_1972



IMG\_1973



IMG\_1974



IMG\_1975



IMG\_1976



IMG\_1977



IMG\_1978



IMG\_1981



IMG\_1983



IMG\_1984



IMG\_1985



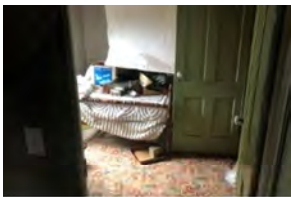
IMG\_1986



IMG\_1987



IMG\_1988



IMG\_1989



IMG\_1990



IMG\_1991



IMG\_1992



IMG\_1993



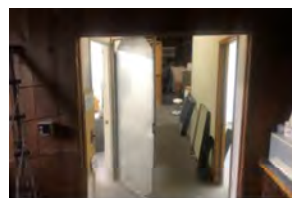
IMG\_1994



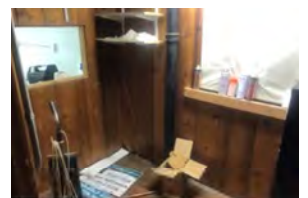
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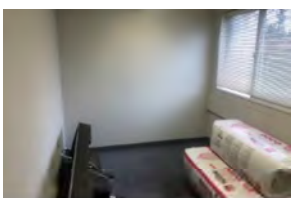
IMG\_1905



IMG\_1906



IMG\_1907



IMG\_1908



IMG\_1909



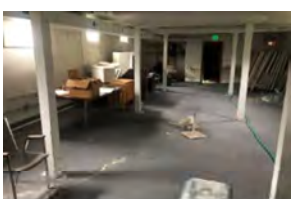
IMG\_1910



IMG\_1911



IMG\_1912



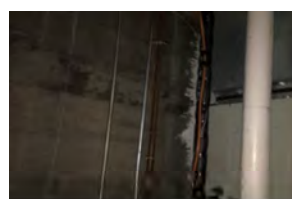
IMG\_1913



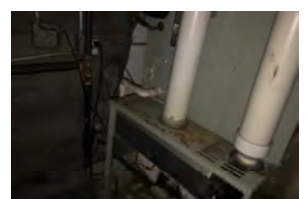
IMG\_1914



IMG\_1917



IMG\_1918



IMG\_1919



IMG\_1920



IMG\_1921



IMG\_1922



IMG\_1923



IMG\_1924



IMG\_1925



IMG\_1926



IMG\_1927



IMG\_1928



IMG\_1929



IMG\_1931

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# KITSAP COUNTY COURTHOUSE COMPLEX BOUNDARY AND TOPOGRAPHIC SURVEY

A PORTION OF THE SW $\frac{1}{4}$  OF THE SE $\frac{1}{4}$ , SEC 26, T24N, R1E, WM  
CITY OF PORT ORCHARD, KITSAP COUNTY, WASHINGTON

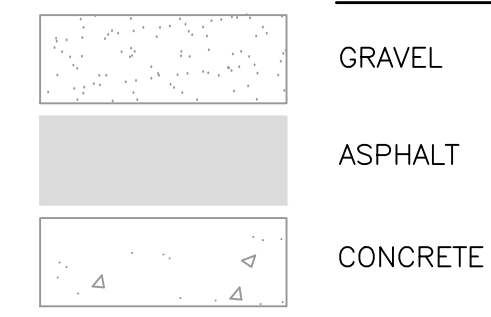


OVERALL BOUNDARY MAP  
SCALE: 1" = 60'

## LEGEND (UTILITIES)

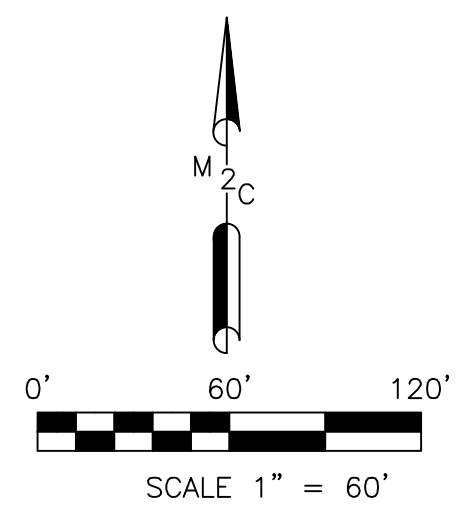
- CABLE MARKER POST
- CABLE RISER/ PEDESTAL
- CABLE VAULT/MANHOLE
- CULVERT
- LUMINAIRE WITH LONG ARM
- LUMINAIRE WITH SHORT ARM
- LUMINAIRE
- LANDSCAPE/YARD LIGHT
- NATURAL GAS MARKER POST
- NATURAL GAS METER
- PROPANE TANK
- NATURAL GAS VALVE
- POWER CONDUIT
- GUY ANCHOR
- GUY POLE
- POWER JUNCTION BOX
- POWER MARKER POST
- POWER METER
- POWER POLE
- PP WITH DROP LINE
- PP WITH DROP AND LIGHT
- PP WITH DROP, LIGHT AND TRANSFORMER
- PP WITH DROP AND TRANSFORMER
- PP WITH LIGHT AND TRANSFORMER
- PP WITH LIGHT
- PP WITH TRANSFORMER
- POWER TRANSFORMER
- POWER VAULT/ MANHOLE
- SIGNAL POLE ARM
- SS CLEANOUT
- SS MANHOLE
- SS MARKER POST
- SEPTIC TANK
- STORM CATCH BASIN
- STORM MANHOLE
- STORM CLEANOUT
- STORM ROOF DRAIN
- STORM YARD DRAIN
- STORM MARKER POST
- TELEPHONE CABINET
- TELEPHONE JUNCTION BOX
- TELEPHONE RISER
- TELEPHONE MARKER POST
- TELEPHONE POLE
- TELEPHONE VAULT/MANHOLE
- WATER AIR RELEASE VALVE
- WATER BLOW OFF
- FIRE DEPARTMENT CONNECTION
- HOSE BIB
- IRRIGATION CONTROL VALVE
- WATER MARKER POST
- WATER METER
- WATER POST INDICATOR VALVE
- SPRINKLER HEAD
- WATER VALVE
- WATER FIRE HYDRANT
- WATER VAULT/MANHOLE
- WELL

## HATCHING



## LEGEND (SURFACE FEATURES)

- DECIDUOUS TREE
- CONIFER TREE
- MAPLE TREE
- DOUGLAS-FIR TREE
- STUMP
- SHRUB
- BIKE RACK
- MAIL BOX
- WHEEL STOP
- STREET SIGN (AS DESCRIBED)
- ALUMINUM CAP
- AERIAL PANEL
- BRASS CAP
- CONCRETE MONUMENT
- HUB AND TACK
- IRON PIPE
- LEAD AND TACK
- MAG NAIL
- MONUMENT IN CASE
- PK NAIL
- REBAR AND CAP
- SCRIBE
- STONE
- REBAR AND CONROL CAP
- REBAR WITHOUT CAP
- WOOD FENCE
- CHAIN LINK FENCE
- WIRE FENCE
- GUARDRAIL
- GROUND TOE
- TOP
- BRK
- GROUND BREAK
- STORM LINE
- SANITARY SEWER LINE
- BURIED TELEPHONE
- OVERHEAD TELEPHONE
- BURIED POWER
- OVERHEAD POWER
- WATER LINE
- IRRIGATION LINE
- RECLAIMED WATER
- NATURAL GAS LINE
- BURIED CABLE TV LINE
- BURIED FIBER OPTIC LINE
- SANITARY FORCED MAIN
- WETLAND LINE
- RACK LINE
- TOP OF RIVER BANK
- DITCH LINE
- MAJOR CONTOUR
- MINOR CONTOUR



## DATUM

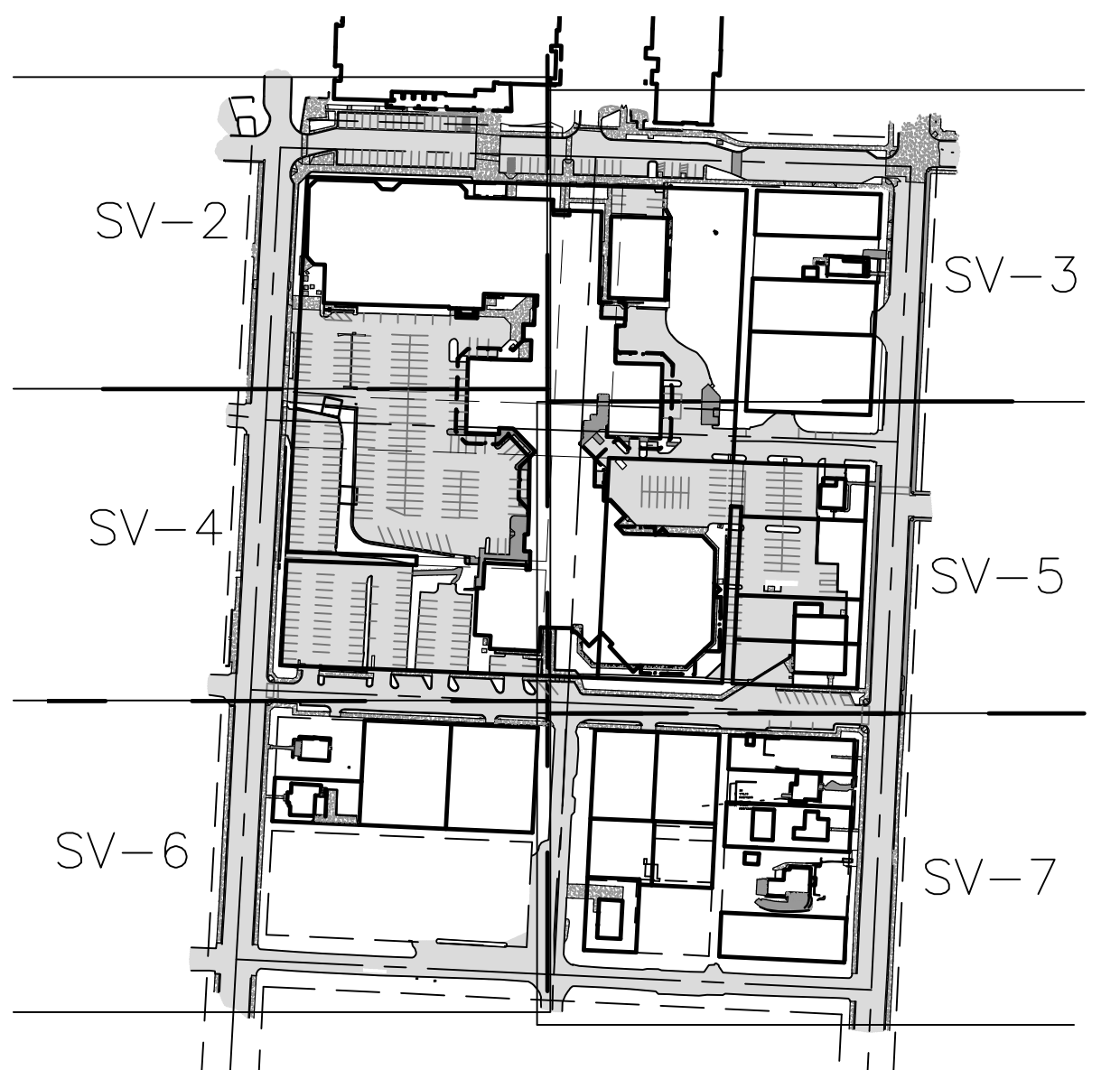
HORIZONTAL - WASHINGTON STATE PLANE COORDINATES,  
NORTH ZONE, NAD 83/2011 BASED ON GPS MEASUREMENTS  
USING THE WSRN  
VERTICAL - NAVD 88 BASED ON GPS MEASUREMENTS USING  
THE WSRN.

## SURVEY NOTES

- INSTRUMENT USED: SOKKIA SX3 TOTAL STATION AND TOPCON GR5 GPS.
- THIS SURVEY MEETS OR EXCEEDS THE STANDARDS OF WAC 332-130-090
- SURVEY COMPLETED FALL 2019
- ALL MONUMENTS SHOWN AS FOUND VISITED 10/2019.
- CONTOUR INTERVAL IS ONE-FOOT AND ARE BASED UPON FIELD MEASUREMENTS.
- THE PURPOSE OF THE TOPOGRAPHIC MAPPING IS FOR THE DESIGN OF A NEW BUILDING AND SUPPORTING INFRASTRUCTURE.

## UTILITY NOTE

UTILITIES SHOWN HEREON ARE FROM MAPPING VISIBLE SURFACE APPURTENANCES, REFERRING TO AS-BUILT RECORDS AND MAPPING UTILITY PAINT MARKS FROM A UTILITY LOCATING SERVICE (APPLIED PROFESSIONAL SERVICES). BURIED UTILITIES ARE ONLY SHOWN AS APPROXIMATE AND SHOULD BE VERIFIED BEFORE CONSTRUCTION.



SHEET INDEX

DATE 03/17/2020			PROJECT NAME: KITSAP COUNTY COURTHOUSE BOUNDARY AND TOPOGRAPHIC SURVEY	SHEET NAME: SV-1
SCALE 1" = 60'			CLIENT NAME: THOMAS ARCHITECTURE STUDIOS	SHEET NO. 1 OF 7
M2C PROJECT NO.: 19-053				
DRAWN SG				
CHECKED BEP				
APPROVED BEP				

**(X) SURFACE FEATURE NOTES**

1. UNKNOWN VAULT TYPE
2. LARGE ROCKS
3. FOUNTAIN VALVE BOX
4. ROCK FOUNTAIN
5. RAIL ROAD TIES
6. BUS WAITING SHELTER
7. HVAC UNITS
8. POWER AND HVAC EQUIPMENT
9. TRASH AND RECYCLE ENCLOSURE
10. DIESEL STORAGE TANK
11. GENERATOR UNDER SHELTER
12. LOADING DOCK
13. CONEX STORAGE
14. TRENCH DRAIN
15. WALKWAY RAMP
16. GATE MECHANISM WITH ARM
17. POLE WITH SECURITY CAMERA
18. NAT GAS VALVES AND METERS
19. LARGE CEDAR HEDGE
20. CONC WALL
21. ECOLOGY BLOCK WALL/ CONC BLOCK WALL
22. PRIMARY POWER
23. METAL STAIRWAY
24. SIX LIGHTED BOLLARDS
25. ROCK WALL
26. CROSS WALK
27. FUEL PUMP AND TANK PAD
28. SLIDING GATE AND CONTROLLER
29. RECORD LOCATION OF STORAGE CHAMBERS
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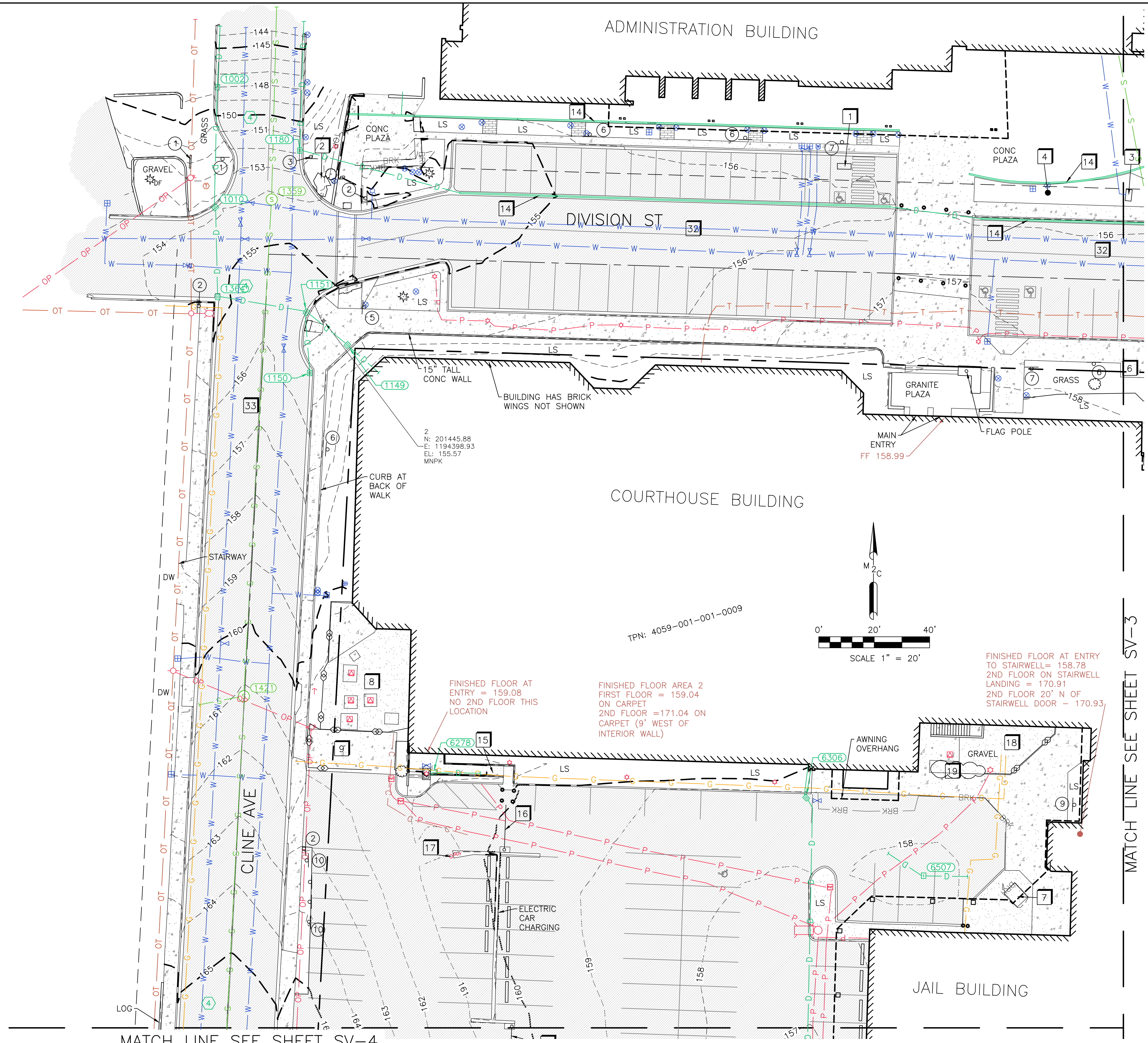
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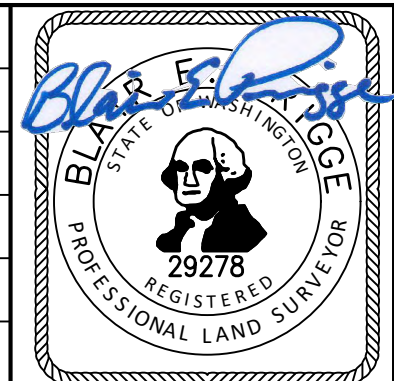
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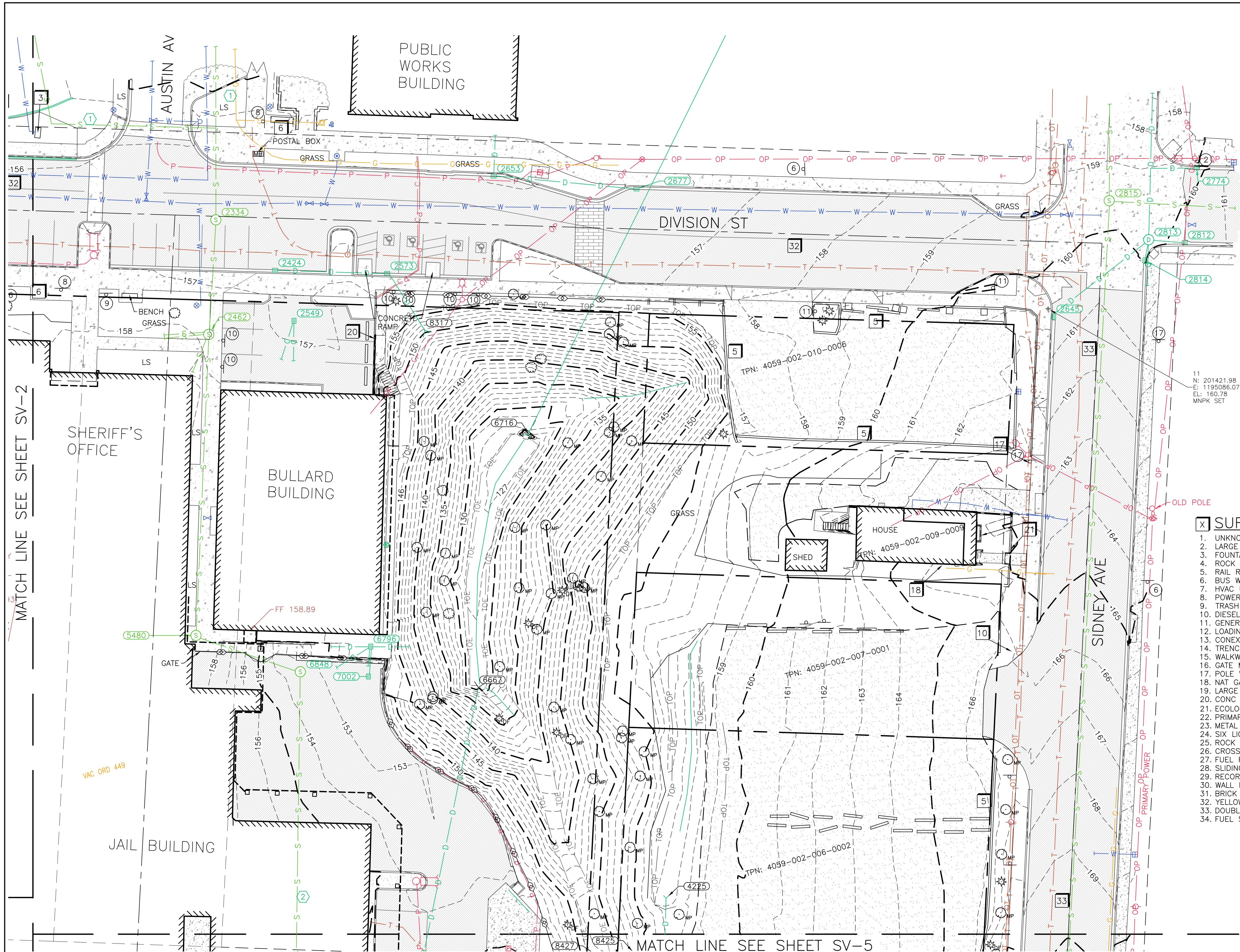
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 2 OF 7



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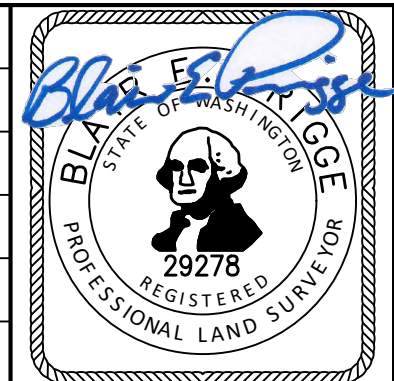
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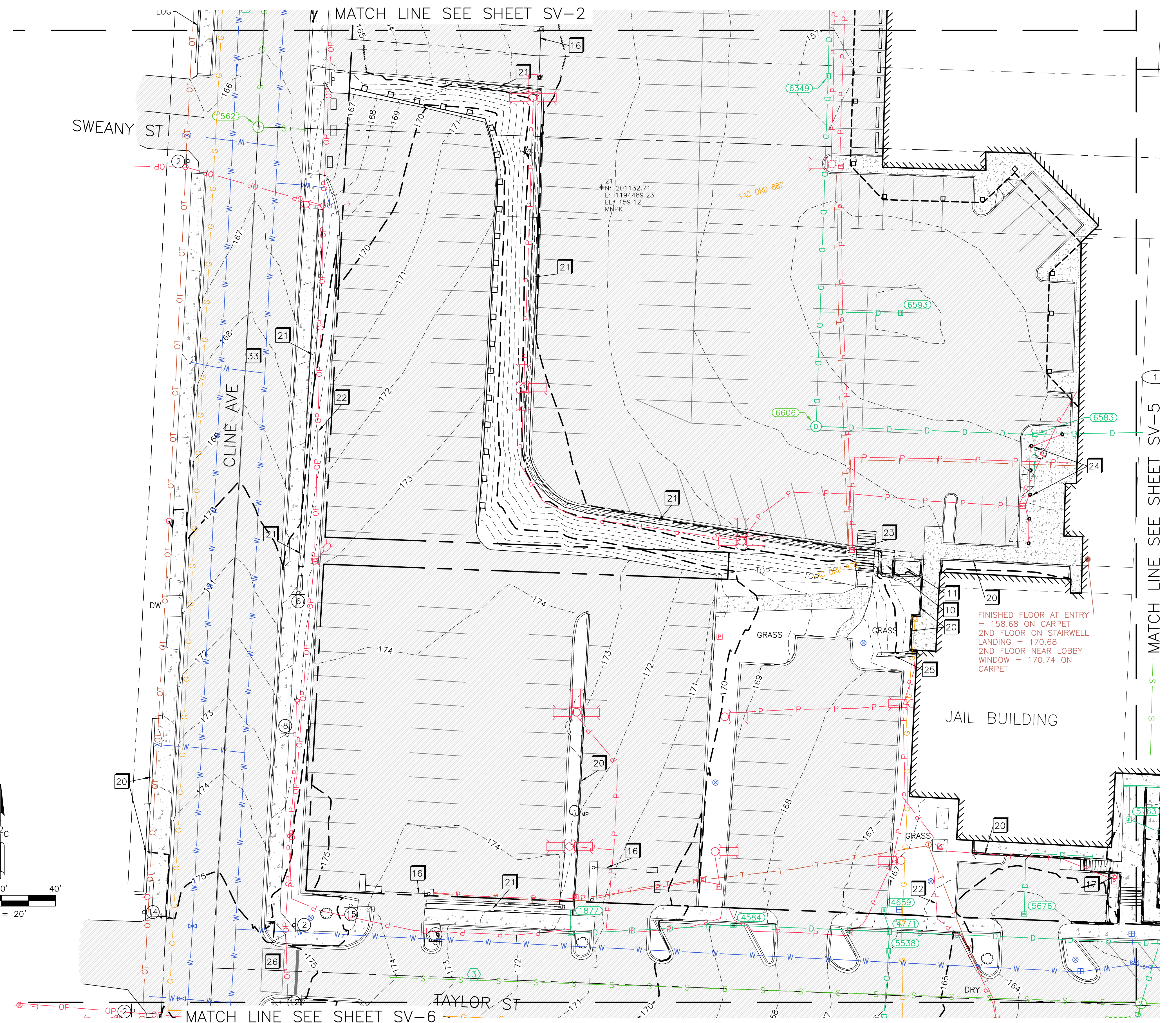
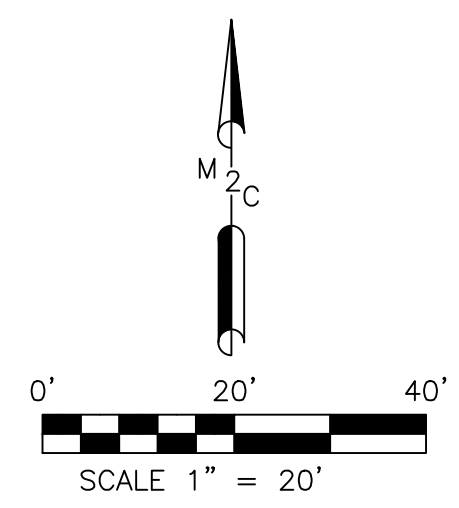
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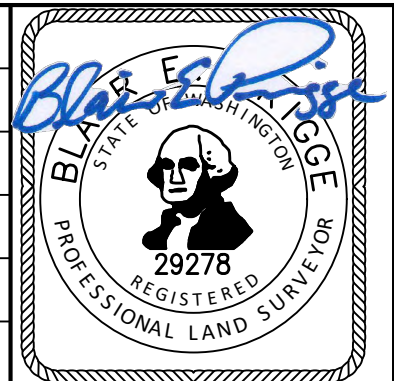
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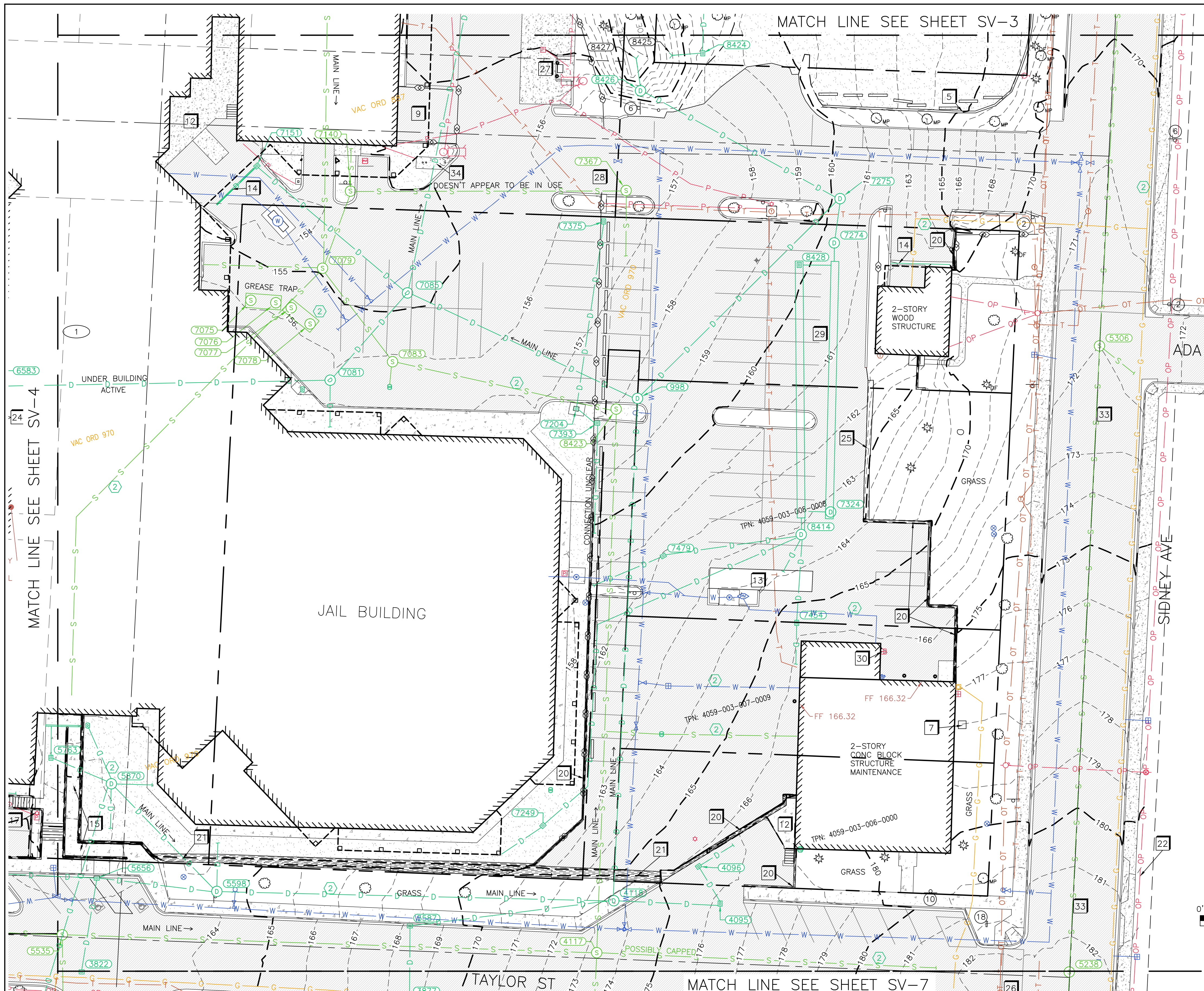
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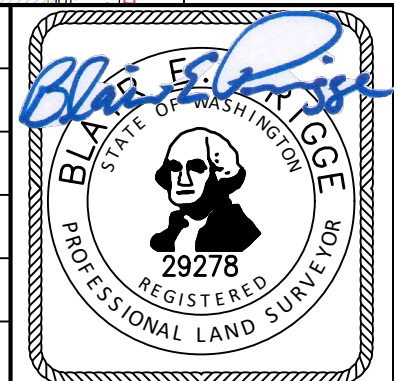
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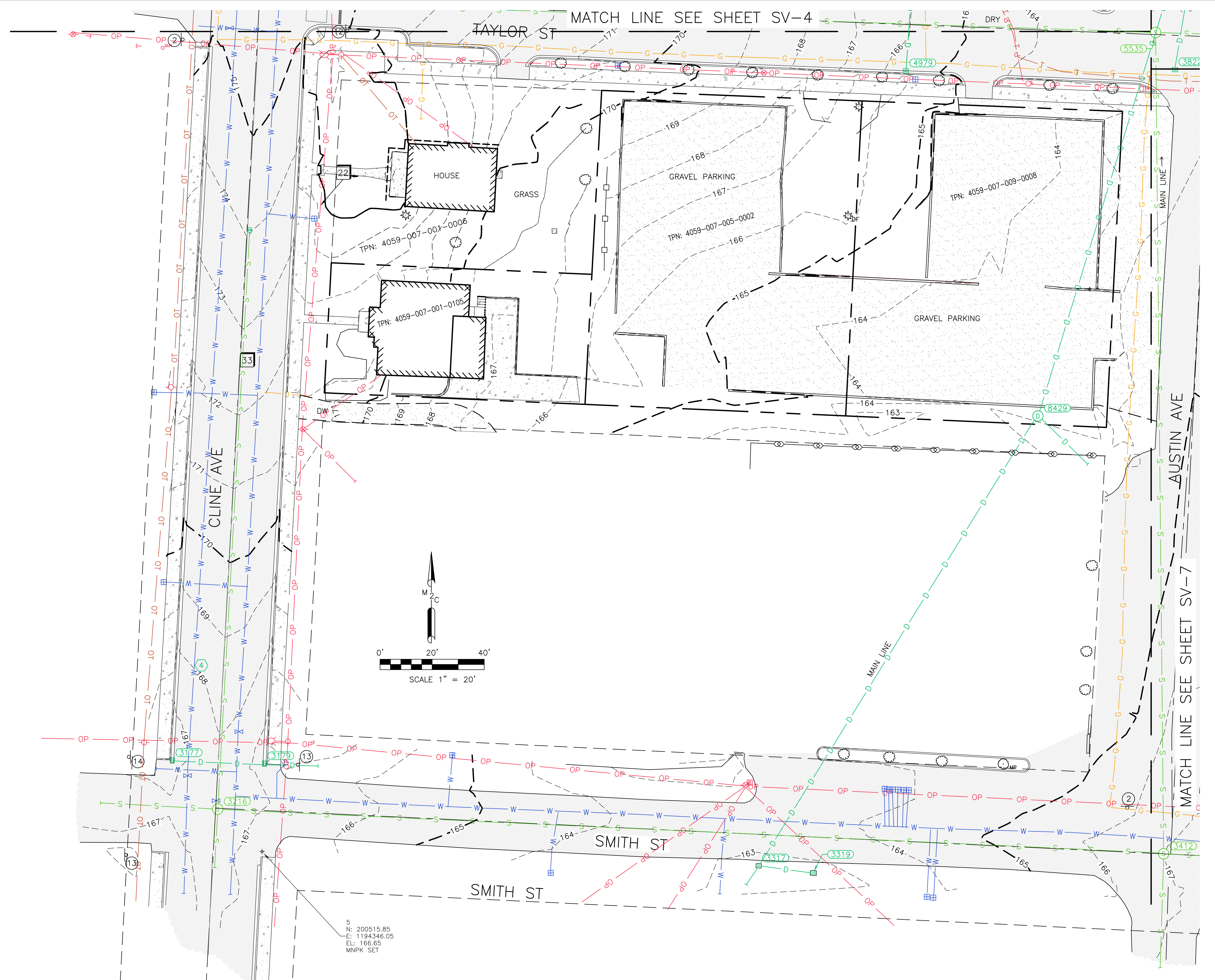
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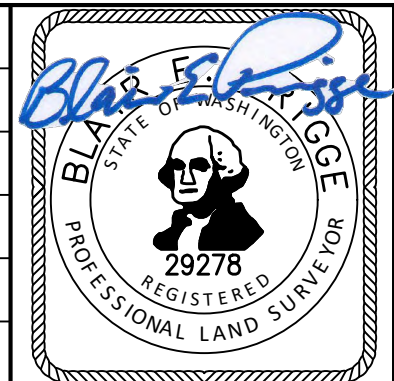
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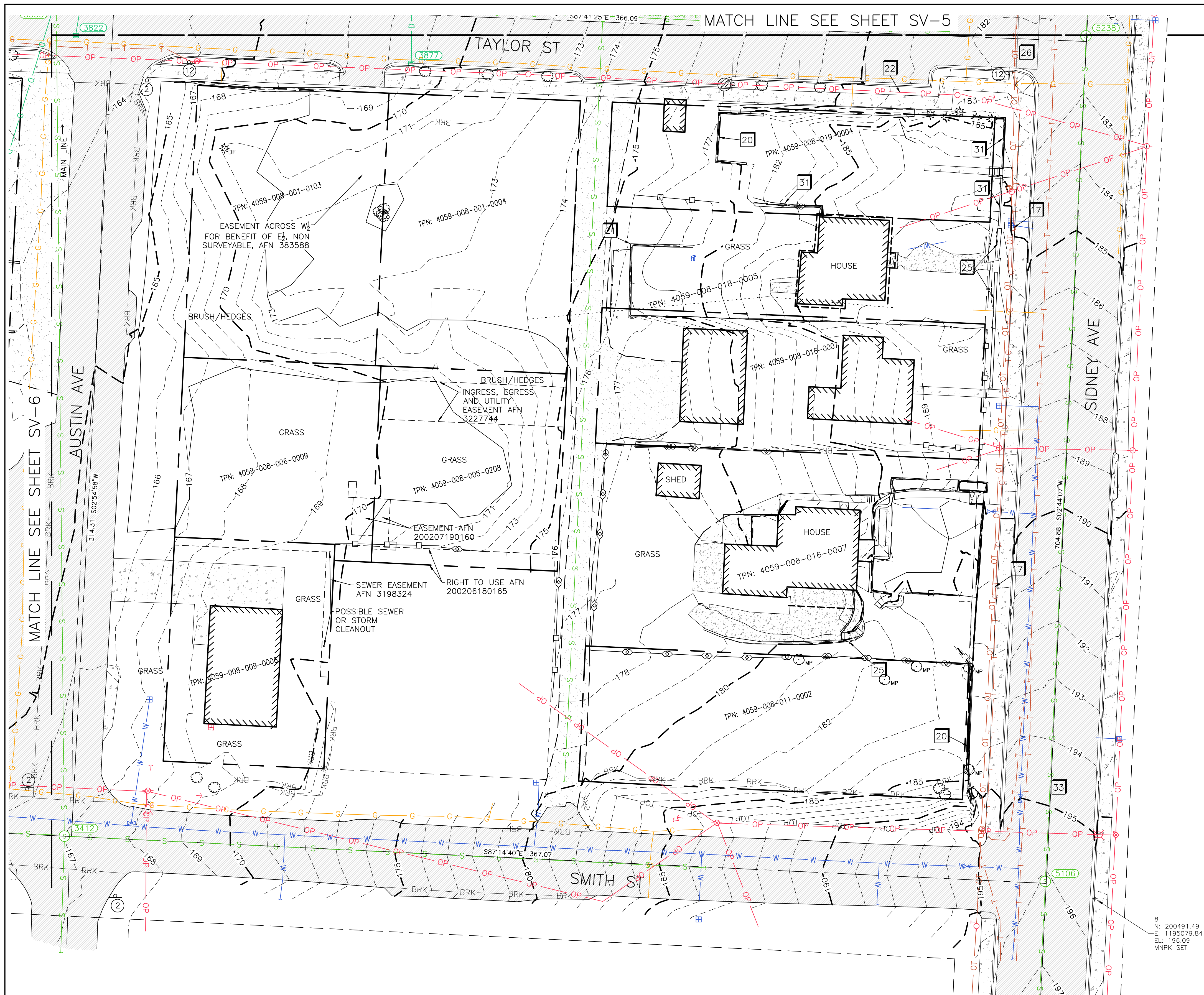
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SHEET NO.  
6 OF 7



MATCH LINE SEE SHEET SV-5

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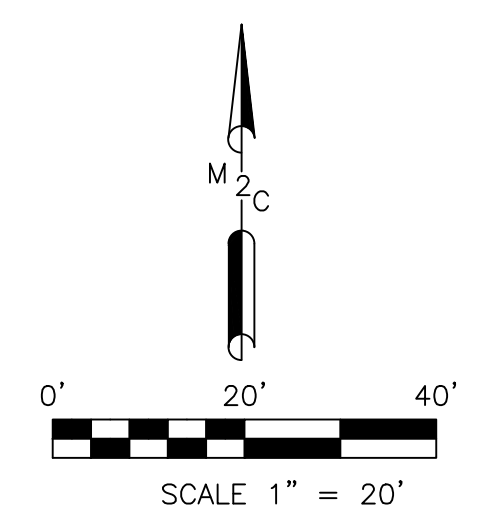
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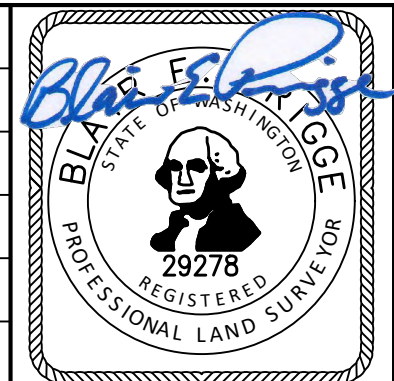
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**Draft Geotechnical Engineering Report  
Kitsap County Courthouse  
Addition and Adaptive Reuse  
South Parking Lot  
Port Orchard, Washington**

October 11, 2019

Prepared for

Kitsap County  
c/o Thomas Architecture Studios  
525 Columbia Street Southwest  
Olympia, Washington



955 Malin Lane SW, Suite B  
Tumwater, WA 98501  
(360) 791-3178

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**Draft Geotechnical Engineering Report  
Kitsap County Courthouse Addition and Adaptive Reuse  
South Parking Lot  
Port Orchard, Washington**

This document was prepared by, or under the direct supervision of, the undersigned, whose seal is affixed below.

Name: Calvin McCaughan  
Washington/No. 44709

Date: October 11, 2019

Document prepared by: \_\_\_\_\_ Annabel Warnell  
Primary Author

Document reviewed by: \_\_\_\_\_ Calvin McCaughan, PE  
Quality Reviewer

Date: October 11, 2019  
Project No.: 1626004.010.011  
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Project Coordinator: MCS



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2	Site and Exploration Plan
3	Estimated Extent of Filled Ravine

## TABLES

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1	Recommended Asphalt Pavement Design Sections

## APPENDICES

<u>Appendix</u>	<u>Title</u>
A	Field Explorations
B	Laboratory Testing
C	Environmental Data Resources Aerial Photo Decade Package

**LIST OF ABBREVIATIONS AND ACRONYMS**

ASTM.....	ASTM International
bgs.....	below ground surface
City.....	City of Port Orchard
County.....	Kitsap County
ESAL .....	equivalent single-axle load
ft.....	foot/feet
H:V .....	horizontal to vertical
LAI .....	Landau Associates, Inc.
MDD.....	maximum dry density
PIT .....	pilot infiltration test
SWMMWW .....	Stormwater Management Manual of Western Washington
TP .....	test pit
WAC .....	Washington Administrative Code
WSDOT.....	Washington State Department of Transportation

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## 1.0 INTRODUCTION

This report summarizes geotechnical engineering services performed by Landau Associates, Inc. (LAI) in support of the Kitsap County Courthouse Addition and Adaptive Reuse project, located at 614 Division Street in Port Orchard, Washington (Figure 1). The project will be completed in three phases; during the first phase (Phase 0), an on-grade parking lot will be constructed south of the existing courthouse.

This report has been prepared with information provided by representatives of Kitsap County (County; project owner), Thomas Architecture Studios (project architect), and SCJ Alliance (project civil engineer).

### 1.1 Project Understanding

The County proposes to construct an on-grade parking lot south of the existing courthouse campus (site). Other improvements planned for this phase include the addition of underground stormwater infiltration facilities, such as galleries and vaults. If estimated infiltration rates are low, the County may choose to construct stormwater detention facilities, instead. A ravine in the central-western portion of the site was previously infilled, most likely to accommodate the residential developments at the site.

### 1.2 Scope of Services

LAI performed the following geotechnical services in accordance with its May 2, 2019 proposal:

- Reviewed available geologic and geotechnical information for the site and the surrounding area.
- Coordinated the clearance of underground utilities at the proposed exploration locations.
- Excavated seven test pits (TP-S-1 through TP-S-7) 12.5 to 16 feet (ft) below ground surface (bgs).
- Collected representative soil samples and completed laboratory testing to aid in classification and estimation of engineering soil properties.
- Provided recommendations for earthwork and grading, including stripping depth, subgrade preparation, utility trench excavation, construction dewatering, the reuse of onsite materials as structural fill, structural fill placement and compaction, and basement infilling.
- Provided recommendations for hot-mix asphalt design pavement sections for drive lanes and on-grade parking areas.
- Evaluated the suitability of onsite stormwater infiltration and provided an estimated infiltration rate in accordance with the stormwater manual adopted by the City of Port Orchard (City).

- Prepared this report, summarizing the results of the field explorations and presenting geotechnical conclusions and recommendations to support design and construction of the proposed improvements.

## 2.0 SITE CONDITIONS

The following sections describe the geologic setting of the site and the surface and subsurface conditions observed during the field investigation. Interpretations of site conditions are based on LAI's review of available geologic and geotechnical information, and on the results of the subsurface explorations.

### 2.1 Geologic Setting

Geologic information for the site was obtained from the *Geologic Map of Surficial Deposits in the Seattle 30' x 60' Quadrangle, Washington* (Yount et al. 1993). Subsurface deposits in the vicinity of the site are mapped as glacial till (Qgt), a unit that consists of a highly consolidated, unsorted mixture of clay, silt, sand, and gravel. Advance glacial outwash (Qga) typically underlies glacial till and consists of compact sand and gravel with silt and clay deposits.

The soils encountered in LAI's explorations were generally consistent with the mapped geology.

### 2.2 Surface Conditions

The site is currently developed with single-family residences, an apartment building, and a gravel parking lot. A portion of the parcels within the proposed parking lot footprint are owned by the County, while others are in the process of being acquired. The site is bisected by Austin Avenue. The central portion of the site is a local low point, increasing in elevation to the east and west with vertical reliefs of approximately 25 and 9 ft, respectively.

### 2.3 Subsurface Explorations

LAI explored subsurface conditions at the site on September 21 and 22, 2019 by excavating seven test pits (TP-S-1 through TP-S-7) 12.5 to 16 ft bgs. The approximate locations of the explorations are shown on Figure 2. LAI personnel monitored the field explorations, collected representative soil samples, and maintained a detailed record of the subsurface soil and groundwater conditions observed. Additional information about the field investigation, including summary exploration logs, is provided in Appendix A.

Samples were transported to LAI's soils laboratory for further examination and testing. The results of LAI's geotechnical laboratory testing program are summarized in Appendix B.

#### 2.3.1 Soil Conditions

The soils observed underlying existing surface conditions (i.e., sod and topsoil or crushed gravel surfacing) can be categorized into two general units:

- **Fill:** A 3.5- to 16-ft-thick layer of fill was observed in test pits TP-S-1, TP-S-5, TP-S-6, and TP-S-7. The fill generally consisted of sand with varying silt and gravel content, very sandy silt with gravel, or gravel with a variable amount of silt and sand in a moist, soft to medium stiff or

loose to dense condition. Construction debris, wood, and miscellaneous garbage were observed within the unit. Test pit TP-S-5 terminated in this unit.

- **Advance Outwash:** Advance outwash was observed in all test pits, except test pit TP-S-5. The advance outwash consisted of sand with varying amounts of silt and gravel in a moist, medium dense to very dense condition. All test pits, except test pit TP-S-5, terminated in this unit.

Although not observed in the explorations, cobbles and boulders are often present in glacial deposits, and may be encountered throughout the site. The contractor should be prepared to handle such oversized materials.

### **2.3.2 Groundwater Conditions**

Groundwater was not observed in the September 2019 explorations. The groundwater conditions reported herein and on the summary logs in Appendix A are for the specific locations and dates indicated, and may not be representative of other locations and/or times. Groundwater conditions will vary depending on local subsurface conditions, weather conditions, and other factors. Furthermore, groundwater levels are expected to fluctuate seasonally, with maximum groundwater levels occurring during late winter and early spring.

## 3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of LAI's field explorations and engineering analyses, subsurface conditions at the site are suitable for the proposed improvements, provided the recommendations contained herein are incorporated into the project design.

Ravine fill was observed in the test pits (TP-S-5, TP-S-6, and TP-S-7) excavated in the central-west portion of the site. Historical aerial photographs (Appendix C) and the results of the explorations were used to estimate the extent of the ravine fill (Figure 3). LAI anticipates that the fill will provide suitable support for the proposed parking lot; however, a contingency should still be included in the construction budget to allow for local overexcavation and replacement of unsuitable fill.

The advance outwash observed in the explorations is fine-grained, and has been consolidated by glacial advance. Onsite stormwater infiltration is likely to be minimal; however, an *in situ* soil test, such as a pilot infiltration test (PIT), may yield a higher infiltration rate than the soil grain size analysis performed by LAI.

### 3.1 Earthwork

Earthwork recommendations, including stripping of vegetation and topsoil, wet weather construction, subgrade preparation, construction dewatering, reuse of onsite materials as structural fill, structural fill placement and compaction, basement infilling, and utility trench excavation, are provided in the following sections.

#### 3.1.1 Wet Weather Construction

Site soils have a high fines content and are considered moisture sensitive; imported fill also could be moisture sensitive. When the water content of soil is above optimum, the soil could become unstable, and meeting compaction criteria may be difficult. When soil has an optimum moisture content, the greatest compacted dry density can be achieved. Disturbance of near-surface soils should be expected if earthwork is completed during periods of wet weather.

The wet weather season generally begins in late October and continues through June. However, periods of wet weather may occur throughout the year. If wet weather earthwork is unavoidable, LAI recommends:

- The ground surface be sloped so surface water is collected and directed away from the work area to an approved collection/dispersion point.
- Earthwork activities do not take place during periods of heavy precipitation.
- Measures are taken to prevent site soil and soil stockpiles from becoming wet or unstable.
- Structural fill materials are limited to all-weather fill.
- A smooth drum roller is used to seal the soil surface to reduce the extent to which the soil becomes wet or unstable.

- Construction traffic at the site is restricted to areas surfaced with materials that are not susceptible to wet weather disturbance.
- A minimum 1-ft-thick layer of 4- to 6-inch quarry spalls is used in high-traffic areas to protect the subgrade from disturbance.
- Contingencies are included in the project schedule and budget to allow for the above elements.

### **3.1.2 Clearing and Stripping**

Clearing and stripping should include the removal of surface and subsurface deleterious materials, such as sod, near-surface topsoil, and other unsuitable loose/soft or organic materials. Stripping and clearing should extend at least 5 ft beyond all areas designated to receive structural/grading fill. LAI estimates an average stripping depth of 8 to 10 inches for sod and near-surface topsoil in undeveloped areas of the site. This estimate does not include the removal of existing tree roots, pavement, debris, or utilities, if present. Large stumps should be overturned with a dozer or similar equipment to remove major portions of the root balls. Topsoil and other organic material should be stripped to expose the underlying glacial soil or fill. Stripped material is not considered suitable for use as structural/grading fill, and should be stockpiled for use as topsoil or mulch in landscaped areas, or disposed of at an approved location.

### **3.1.3 Subgrade Preparation**

Before structural fill or formwork is placed, the upper 1 ft of subgrade should be scarified, moisture conditioned, and compacted to a firm, unyielding condition. The prepared subgrade should be proof-rolled in the presence of a qualified civil or geotechnical engineer who is familiar with the site and can check for any soft and/or disturbed areas. Areas of limited access that cannot be proof-rolled can be evaluated using a steel T-probe.

If proof-rolling or probing reveals loose and/or disturbed subgrade, LAI recommends additional scarification, moisture conditioning, and compacting. Unsuitable soils also can be overexcavated and replaced with structural fill that meets the requirements outlined in Section 3.1.4. The construction budget should include a contingency for local overexcavation and replacement of unsuitable ravine fill.

### **3.1.4 Structural Fill**

The following sections provide recommendations for reusing site soils as structural fill, use of imported fill, and fill placement and compaction.

#### **3.1.4.1 General**

The suitability of excavated or imported soil for use as structural fill will depend on the gradation and moisture content of the soil when it is placed. As the amount of fines increases, the soil becomes increasingly sensitive to small changes in moisture content, and adequate compaction may be difficult

to achieve. Soil containing more than about 5 percent fines (material passing the U.S. Standard No. 200 sieve, by weight) cannot be compacted consistently to a dense, unyielding condition when the moisture content is more than about 2 to 3 percent above or below optimum.

For dry, warm weather conditions (generally July through early October), import structural fill should consist of well-graded sand and gravel with a maximum particle size of 6 inches. At least 75 percent of the material should pass the 3-inch sieve. The material should contain less than 30 percent fines, and be maintained at a moisture content near optimum.

If wet weather construction is anticipated, the amount of fines should not exceed 5 percent, based on the minus ¾-inch fraction. Structural fill should be free of debris, organic material, and rock fragments larger than 6 inches. Gravel Borrow, as described in Section 9-03.14(1) of the Washington State Department of Transportation's 2018 *Standard Specifications for Road, Bridge, and Municipal Construction* (WSDOT 2017; 2018 *WSDOT Standard Specifications*), is suitable for use as imported fill, with adherence to the requirements set forth in this section.

#### **3.1.4.2 Onsite Soil**

Near-surface soil at the site has a high fines content, and is considered moisture sensitive. Compaction requirements can be difficult to achieve when moisture-sensitive soils have a moisture content 2 to 3 percent above or below optimum. LAI does not recommend reusing native soils for structural fill or grading.

#### **3.1.4.3 Fill Placement and Compaction**

Structural fill should be placed on an approved subgrade that consists of uniformly firm, unyielding, inorganic native soils, or compacted structural fill extending to such soils. Structural fill should be compacted at a near-optimum moisture content. Optimum moisture content will vary with soil gradation, and should be evaluated during construction.

Structural fill should be placed and compacted in accordance with Section 2-03.3(14)C, Method C of the 2018 *WSDOT Standard Specifications*; Method A is appropriate for non-structural areas, such as landscaping. Each layer of structural fill should be compacted to at least 95 percent of the maximum density, as determined by the compaction control tests described in Section 2-03.3(14)D of the 2018 *WSDOT Standard Specifications*. The maximum dry density (MDD) and optimum moisture content can be determined using ASTM International (ASTM) standard test method D1557.

#### **3.1.5 Temporary and Permanent Slopes**

Based on the soil conditions observed in LAI's September 2019 explorations, the maximum inclination for temporary excavation slopes, less than 20 ft tall, is 1½ horizontal to 1 vertical (1½H:1V). If groundwater is present, flatter slopes will be necessary to avoid slope instability. Temporary excavation slopes should be covered with plastic sheets, straw, or other materials to prevent erosion.

Additionally, the contractor should implement measures to prevent surface water runoff from entering excavations.

Maintenance of temporary excavation slopes should be the responsibility of the contractor, and applicable local, state, and federal safety codes should be followed. During excavation, the contractor should monitor open cuts for evidence of instability. If instability is detected, the contractor should flatten the side slopes or install temporary shoring. If groundwater or groundwater seepage is present, and the excavation is not properly dewatered, the soil may be prone to caving, channeling, and running.

Permanent cut or fill slopes, constructed as recommended, should be no steeper than 2H:1V; this ratio is not intended for design of stormwater pond slopes, which are typically 3H:1V or flatter, and should be designed in accordance with local regulations. Permanent slopes should be protected from erosion, and reseeded or revegetated as soon as practical.

### **3.1.6 Basement Infilling**

If basement foundations slabs are abandoned in-place, LAI recommends breaking the slabs into pieces to promote drainage. Basement sidewalls should be cut so as not to extend within 3 ft of the ground surface. Locations of abandoned in-place basement slabs should be identified on as-built drawings for future development considerations.

### **3.1.7 Site Utilities**

The following sections include geotechnical recommendations for design and construction of new utilities. For new utilities installed within public right-of-way, local standards will supersede the recommendations contained herein.

#### **3.1.7.1 Utility Trench Excavation and Support**

Excavations for underground utilities will be primarily within loose to dense sand or soft to medium stiff silt. A heavy-duty hydraulic excavator with sufficient reach should be able to excavate utility trenches to the proposed depths. A smooth-bladed bucket should be used to remove loose and/or disturbed soil from the trench bottom.

Trench configurations and the maintenance of safe working conditions, including temporary excavation stability, should be the responsibilities of the contractor. All applicable local, state, and federal safety codes should be followed. Temporary excavations for utilities should be sloped no steeper than 1½H:1V, based on regulations for safe excavation practice in the State of Washington (Chapter 296-155 Washington Administrative Code [WAC]). If groundwater seepage is present, flatter slopes, temporary shoring, and/or dewatering may be required.

Trench boxes should provide adequate support for shallow excavations, provided the trench is properly dewatered, and there are no settlement-sensitive structures or utilities near the excavation. Trench boxes should meet the requirements in Safety Standards for Construction Work, Part N (WAC Chapter 296-155).

### **3.1.7.2 Pipe Foundation Support**

Based on the conditions observed in the subsurface explorations, loose to dense sand or soft to medium stiff silt is expected at the base of utility trenches. These soil types will provide adequate foundation support for utilities. If the bottom of the trench is disturbed during pipe installation, the disturbed material should be overexcavated to expose undisturbed foundation soil. The overexcavation should be backfilled with suitable foundation material to provide a firm trench bottom. Foundation material should be free of roots, topsoil, lumps of silt and clay, and organic and inorganic debris.

### **3.1.7.3 Pipe Bedding and Backfill**

Pipe zone bedding should consist of crushed, processed, or naturally occurring granular material, free of organic matter and other deleterious material. Pipe bedding material should meet the gradation requirements for Gravel Backfill for Pipe Zone Bedding in Section 9-03.12(3) of the *2018 WSDOT Standard Specifications*.

Pipe bedding should extend at least 6 inches below the invert of the pipe. The bedding material should be compacted to a relative density of at least 90 percent of the MDD. The initial pipe backfill should be brought up evenly around the pipe in relatively horizontal lifts not exceeding 6 inches, and worked under the haunches of the pipe by slicing with a shovel, vibration, or other approved procedure. Pipe zone backfill should extend 6 inches above the crown of the pipe. To limit damage to the pipe, only hand-operated equipment should be used to compact the initial backfill directly over the pipe. Material and compaction requirements provided by pipe manufacturers may supersede the recommendations provided herein.

Trench backfill should meet the requirements in Section 3.1.4.

### **3.1.8 Construction Dewatering**

Groundwater seepage was not observed during the September 2019 field investigation; however, localized zones of shallow, perched groundwater may be encountered throughout the site. Depending on the time of year, construction dewatering may be required to control groundwater flow into excavations. The contractor should be prepared to manage groundwater seepage.

Where minor amounts of groundwater seepage are encountered, conventional sumps and pumps should be sufficient to manage groundwater seepage into excavations, assuming the excavation walls

remain stable. The contractor should be responsible for the design, installation, monitoring, and maintenance of required dewatering system(s).

## 3.2 Pavement Design

Pavement sections should be constructed on subgrade prepared as described in Section 3.1.3. LAI has assumed a 20-year design life and maximum equivalent single-axle load (ESAL) of 50,000 for the standard-duty pavement section, and a 20-year design life and maximum ESAL of 500,000 for the heavy-duty section. Recommendations for asphalt pavement sections are provided in Table 1.

**Table 1. Recommended Asphalt Pavement Design Sections**

Pavement Section Type	Asphalt Pavement Thickness	Crushed Surfacing Base Course Thickness
Standard duty	3 inches	4 inches
Heavy duty	4 inches	6 inches

Asphalt should be Class B aggregate material or hot-mix asphalt class ½-inch, PG64-22 conforming to the requirements in Section 5-04 of the *2018 WSDOT Standard Specifications*. The asphalt should be compacted to at least 91 percent of the Rice density. Base course material should be compacted to at least 95 percent of the MDD, and should meet the requirements for Crushed Surfacing Base Course in Section 9-03.9(3) of the *2018 WSDOT Standard Specifications*. To facilitate fine grading of the surface, the upper 2 inches of crushed surfacing could consist of Crushed Surfacing Top Course. Prevention of road-base saturation is essential for pavement durability; thus, efforts should be made to limit the amount of water entering the base course.

### 3.2.1 Impact of Ravine Fill on Pavement Performance

LAI concludes that establishing the proposed parking lot over existing ravine fill is feasible. The extent of the filled ravine is shown on Figure 3. Pavement subgrade should be prepared as described in Section 3.1.3, which will likely include some localized overexcavation and replacement of soft, organic, or otherwise unsuitable fill material.

The area north of the proposed parking lot is currently paved with asphalt and situated above ravine fill. During LAI's site reconnaissance, asphalt pavement established over ravine fill was observed to be in functional condition, exhibiting occasional tension cracks, localized bulging, and potholes. LAI anticipates pavement performance (design life and maintenance requirements) of the proposed parking lot will approximate the performance of other paved areas to the north (e.g., parking lot immediately east of the jail). This level of performance should be verified with the owner as being acceptable during the design process. Alternative methods to improve pavement performance of the proposed parking lot, such as reinforced pavement sections or complete removal of the ravine fill, would be costly and present additional risks.

### 3.2.2 Impacts to Existing Utilities

LAI did not complete a condition assessment of existing utilities within the proposed parking lot footprint. During the public and private utility locates performed in advance of the September 2019 subsurface explorations, utilities were identified beneath Austin Avenue. As project utility and grading plans develop, LAI should be consulted regarding existing or proposed utilities within the ravine fill. It may be appropriate to sleeve settlement-sensitive utilities (e.g., gravity lines), if present.

### 3.3 Onsite Infiltration Evaluation

LAI understands underground infiltration facilities are proposed to manage stormwater generated at the proposed parking lot. Given the variable soil conditions and low infiltration rates calculated during LAI's soil grain size analysis, the site is not well-suited for infiltration.

The City (2019) has adopted the Washington State Department of Ecology's *2014 Stormwater Management Manual for Western Washington (2014 SWMMWW)*. Factored infiltration rates were estimated using the results of the laboratory testing (Appendix B) and the grain size analysis method, in accordance with Section 3.3.6 of the *2014 SWMMWW*. Table 3.3.1 of the *2014 SWMMWW* provides recommended correction factors to account for site variability and the number of locations tested ( $CF_v = 0.6$ ), test method ( $CF_t = 0.4$ ), and biofouling and siltation effects ( $CF_m = 0.9$ ). The grain size analysis method does not account for the glacially consolidated nature of the advance outwash underlying the site. LAI considered the density of site soils in estimating a site infiltration rate.

LAI recommends using a long-term infiltration rate of 0.1 inch per hour to design onsite infiltration facilities. An *in situ* infiltration test, such as a PIT, could yield a higher infiltration rate; this is not always the case with glacially consolidated soils. LAI is available to provide this testing, if needed.

#### 3.3.1 Feasible Infiltration Facility Locations

Ravine fill, consisting of silt or sand with bricks, garbage, and miscellaneous construction debris, was observed in test pits TP-S-5, TP-S-6, and TP-S-7. If infiltration facilities are installed within the ravine fill footprint, their bases should extend below the fill. If practical, stormwater facilities should be located in the eastern portion of the site, where no ravine fill was observed.

## **4.0 CONSTRUCTION SUPPORT**

LAI should be asked to review the geotechnical portions of the project plans and specifications in advance of project bidding. The purpose of the review is to verify that the recommendations presented in this report have been properly interpreted and implemented.

LAI recommends that monitoring, testing, and consultation be provided during construction to confirm that subsurface conditions are consistent with those indicated by the explorations, to provide revised recommendations should conditions differ from those anticipated, and to evaluate whether geotechnical activities comply with the project plans and specifications and the recommendations in this report.

## 5.0 USE OF THIS REPORT

Landau Associates, Inc. (LAI) prepared this report for the exclusive use of Kitsap County and its design team for specific application to the Kitsap County Courthouse Addition and Adaptive Reuse project in Port Orchard, Washington. Within the limitations of scope, schedule, and budget, services have been conducted in accordance with generally accepted practices of the geotechnical engineering profession; no other warranty, express or implied, is made as to the professional advice included in this report.

The conclusions and recommendations contained in this report are based on the results of LAI's field investigation and laboratory testing program. There may be some variation in subsurface soil and groundwater conditions, and the nature and extent of the variations may not become evident until construction. Accordingly, a contingency for unanticipated conditions should be included in the construction budget and schedule.

If variations in subsurface conditions are encountered during construction, LAI should be asked to review and revise the recommendations in this report. If there is a substantial lapse of time between submission of this report and the start of construction, LAI should be asked to review this report to determine the applicability of the conclusions and recommendations contained herein.

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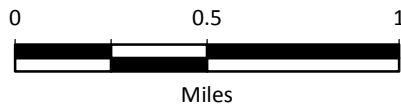
## 6.0 REFERENCES

- ASTM. 2003. D420-D5876: Annual Book of ASTM Standards. ASTM International.
- City of Port Orchard. 2019. Port Orchard Municipal Code: A Codification of the General Ordinances of the City of Port Orchard, Washington. September 10. Accessed October 9, 2019. Available online at: <https://www.codepublishing.com/WA/PortOrchard/>.
- Ecology. 2014. *2012 Stormwater Management Manual for Western Washington, as Amended in December 2014*. Washington State Department of Ecology.
- Washington State Department of Labor and Industries. 2016. Construction Work. Chapter 296-155 WAC; Part N. Excavation, Trenching, and Shoring. Washington State Department of Labor and Industries. May 20.
- WSDOT. 2017. *Standard Specifications for Road, Bridge, and Municipal Construction 2018*. M 41-10. Washington State Department of Transportation. December 1.
- Yount, J.C., J.P. Minard, G.R. Dembroff. 1993. *Geologic Map of Surficial Deposits in the Seattle 30' x 60' Quadrangle, Washington*. Open File Report 93-233. Washington Division of Geology and Earth Resources.



**DRAFT**

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Data Source: Esri 2012

Kitsap County Courthouse  
Addition and Adaptive Reuse  
Port Orchard, Washington



**Vicinity Map**

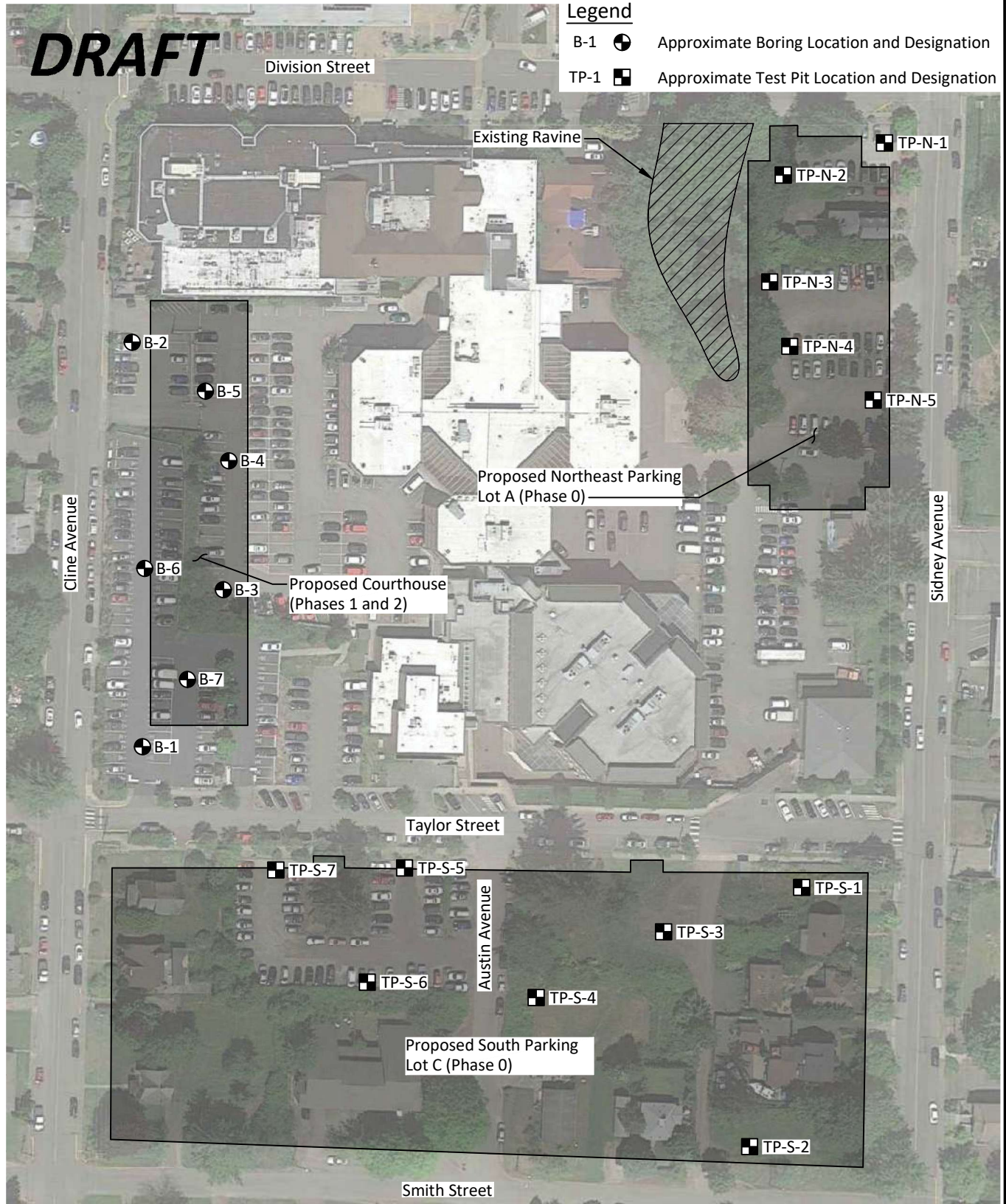
Figure  
**1**



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**Legend**

- B-1  Approximate Boring Location and Designation
- TP-1  Approximate Test Pit Location and Designation



**Note**

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Source: Google Earth Pro 2019; Thomas Architecture Studios 2019

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Kitsap County Courthouse  
Addition and Adaptive Reuse  
Port Orchard, Washington

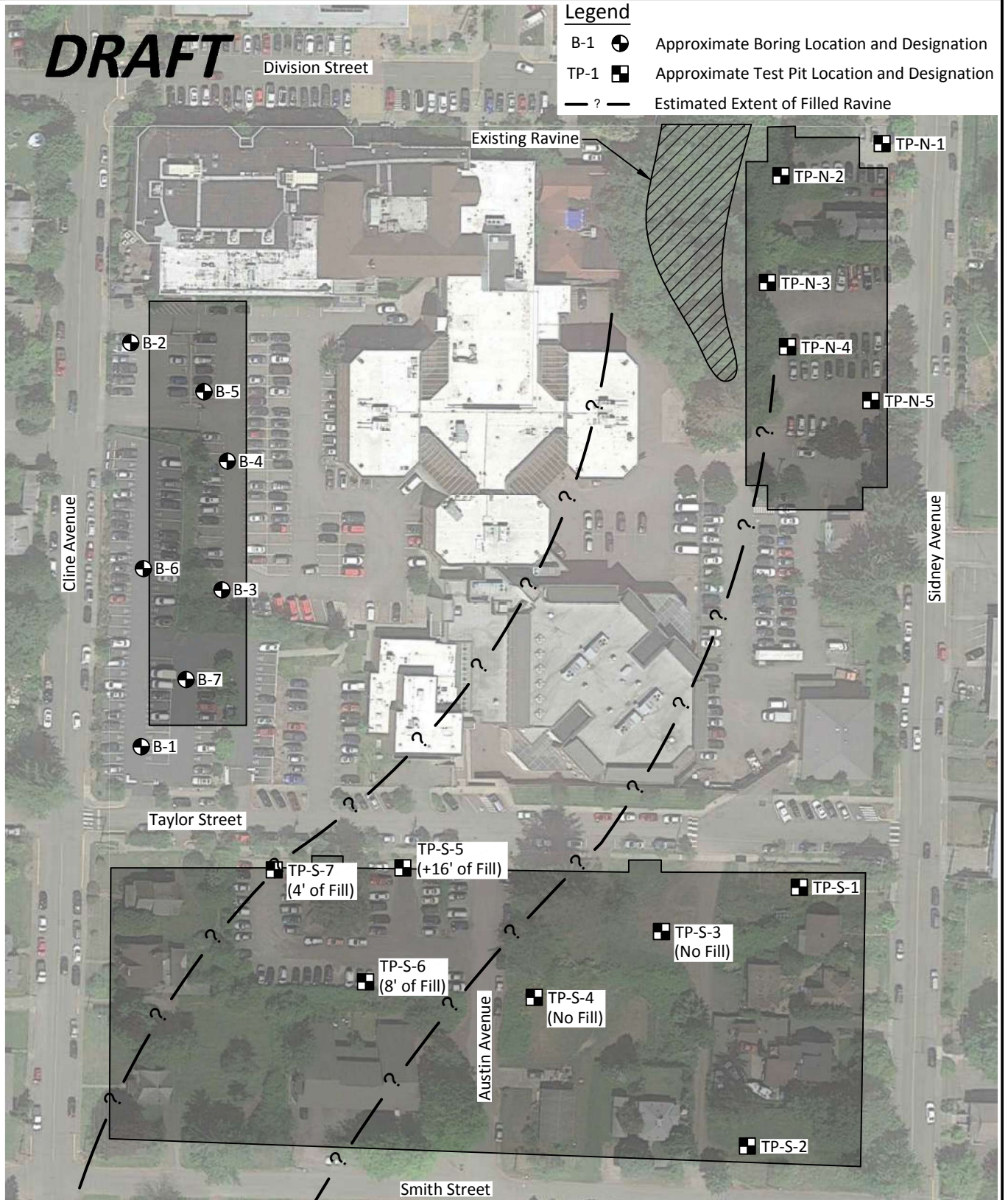
**Site and Exploration Plan**

Figure  
**2**

**DRAFT**

**Legend**

- B-1  Approximate Boring Location and Designation
- TP-1  Approximate Test Pit Location and Designation
-  Estimated Extent of Filled Ravine



**Note**

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Source: Google Earth Pro 2019; Thomas Architecture Studios 2019

Kitsap County Courthouse  
Addition and Adaptive Reuse  
Port Orchard, Washington

**Estimated Extent of Filled Ravine**

Figure  
**3**

# Field Explorations

## APPENDIX A FIELD EXPLORATIONS

Subsurface conditions at the site were explored on September 21 and 22, 2019 by excavating seven test pits (TP-S-1 through TP-S-7) 12.5 to 16 feet below ground surface. Howard's Construction and Excavating, subcontracted by Landau Associates, Inc. (LAI), advanced the explorations using a tracked excavator. The approximate locations of the explorations are shown on Figure 2.



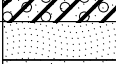









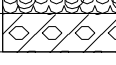
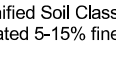
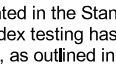
The geotechnical field investigation was coordinated and monitored by LAI personnel, who also obtained representative soil samples, maintained a detailed record of the subsurface soil and groundwater conditions observed, and described the soil encountered by visual and textural examination. Each representative soil type was described using the soil classification system shown on Figure A-1 and in general accordance with ASTM International standard test method D2488, *Standard Recommended Practice for Description of Soils (Visual-Manual Procedure)*.



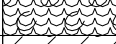
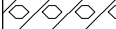
Summary logs of the test pits are presented on Figures A-2 through A-5. The logs represent LAI's interpretation of the subsurface conditions identified during the field exploration program. The stratigraphic contacts shown on the individual logs represent the approximate boundaries between soil types; actual transitions may be more gradual. The soil and groundwater conditions depicted are for the specific locations and dates reported, and are not necessarily representative of other locations and times.

Soil samples were taken to LAI's laboratory for further examination and testing. The test results and a discussion of the testing procedures are presented in Appendix B.

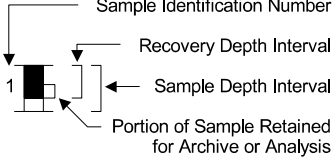


Upon completion of excavating and sampling, the test pits were backfilled with the excavated material. The material was compacted with the bucket of the backhoe.

# Soil Classification System

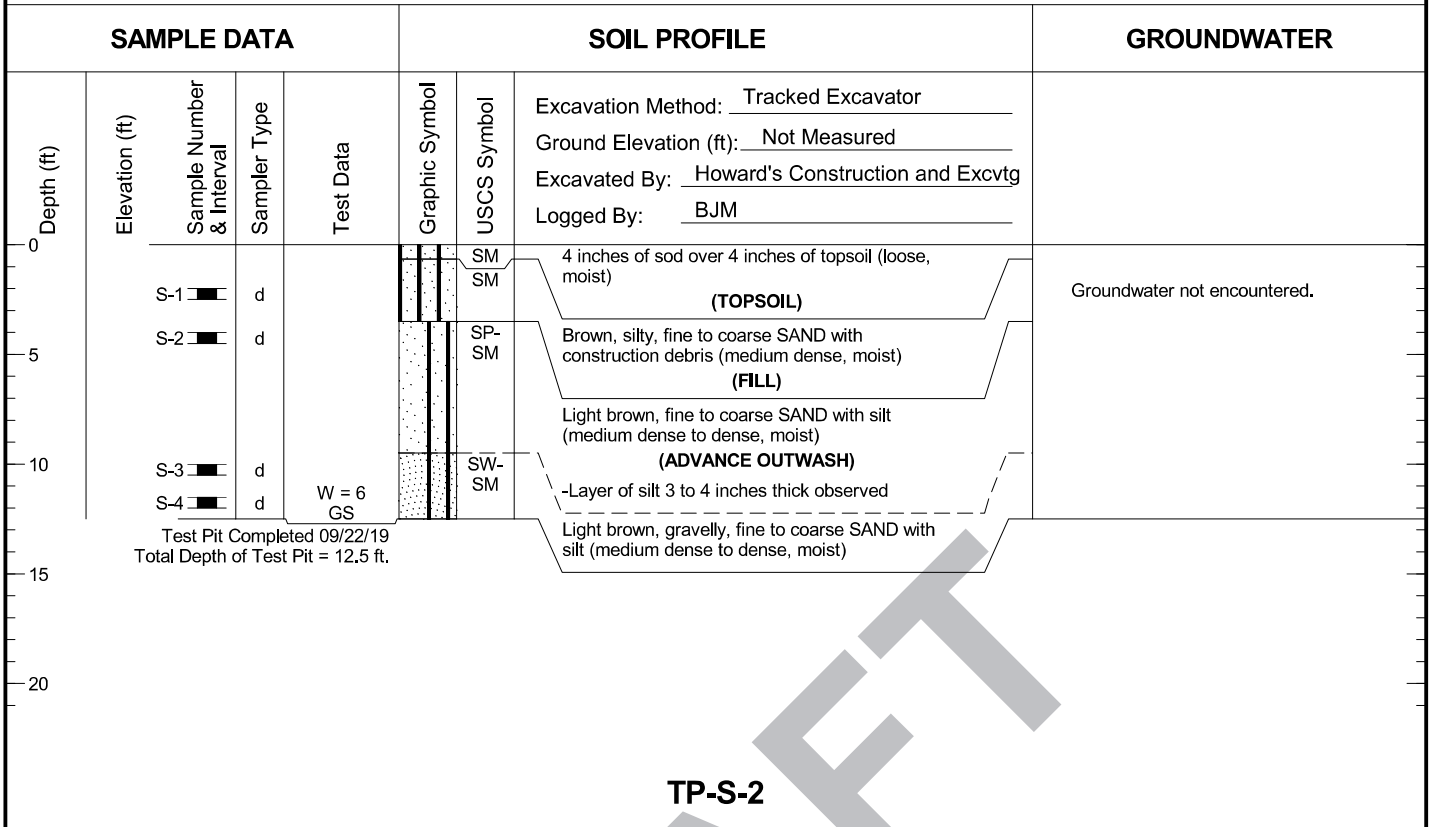
	MAJOR DIVISIONS	USCS GRAPHIC SYMBOL	LETTER SYMBOL <sup>(1)</sup>	TYPICAL DESCRIPTIONS <sup>(2)(3)</sup>
COARSE-GRAINED SOIL <small>(More than 50% of material is larger than No. 200 sieve size)</small>	GRAVEL AND GRAVELLY SOIL  <small>(More than 50% of coarse fraction retained on No. 4 sieve)</small>	CLEAN GRAVEL <small>(Little or no fines)</small>		<b>GW</b> Well-graded gravel; gravel/sand mixture(s); little or no fines
		GRAVEL WITH FINES <small>(Appreciable amount of fines)</small>		<b>GP</b> Poorly graded gravel; gravel/sand mixture(s); little or no fines
		GRAVEL WITH FINES <small>(Appreciable amount of fines)</small>		<b>GM</b> Silty gravel; gravel/sand/silt mixture(s)
	SAND AND SANDY SOIL  <small>(More than 50% of coarse fraction passed through No. 4 sieve)</small>	CLEAN SAND <small>(Little or no fines)</small>		<b>GC</b> Clayey gravel; gravel/sand/clay mixture(s)
		CLEAN SAND <small>(Little or no fines)</small>		<b>SW</b> Well-graded sand; gravelly sand; little or no fines
		CLEAN SAND <small>(Little or no fines)</small>		<b>SP</b> Poorly graded sand; gravelly sand; little or no fines
FINE-GRAINED SOIL <small>(More than 50% of material is smaller than No. 200 sieve size)</small>	SILT AND CLAY  <small>(Liquid limit less than 50)</small>		<b>SM</b> Silty sand; sand/silt mixture(s)	
			<b>SC</b> Clayey sand; sand/clay mixture(s)	
			<b>ML</b> Inorganic silt and very fine sand; rock flour; silty or clayey fine sand or clayey silt with slight plasticity	
	SILT AND CLAY  <small>(Liquid limit greater than 50)</small>		<b>CL</b> Inorganic clay of low to medium plasticity; gravelly clay; sandy clay; silty clay; lean clay	
			<b>OL</b> Organic silt; organic, silty clay of low plasticity	
			<b>MH</b> Inorganic silt; micaceous or diatomaceous fine sand	
	<b>CH</b> Inorganic clay of high plasticity; fat clay			
	<b>OH</b> Organic clay of medium to high plasticity; organic silt			
	<b>PT</b> Peat; humus; swamp soil with high organic content			

OTHER MATERIALS	GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
PAVEMENT		<b>AC or PC</b>	Asphalt concrete pavement or Portland cement pavement
ROCK		<b>RK</b>	Rock (See Rock Classification)
WOOD		<b>WD</b>	Wood, lumber, wood chips
DEBRIS		<b>DB</b>	Construction debris, garbage

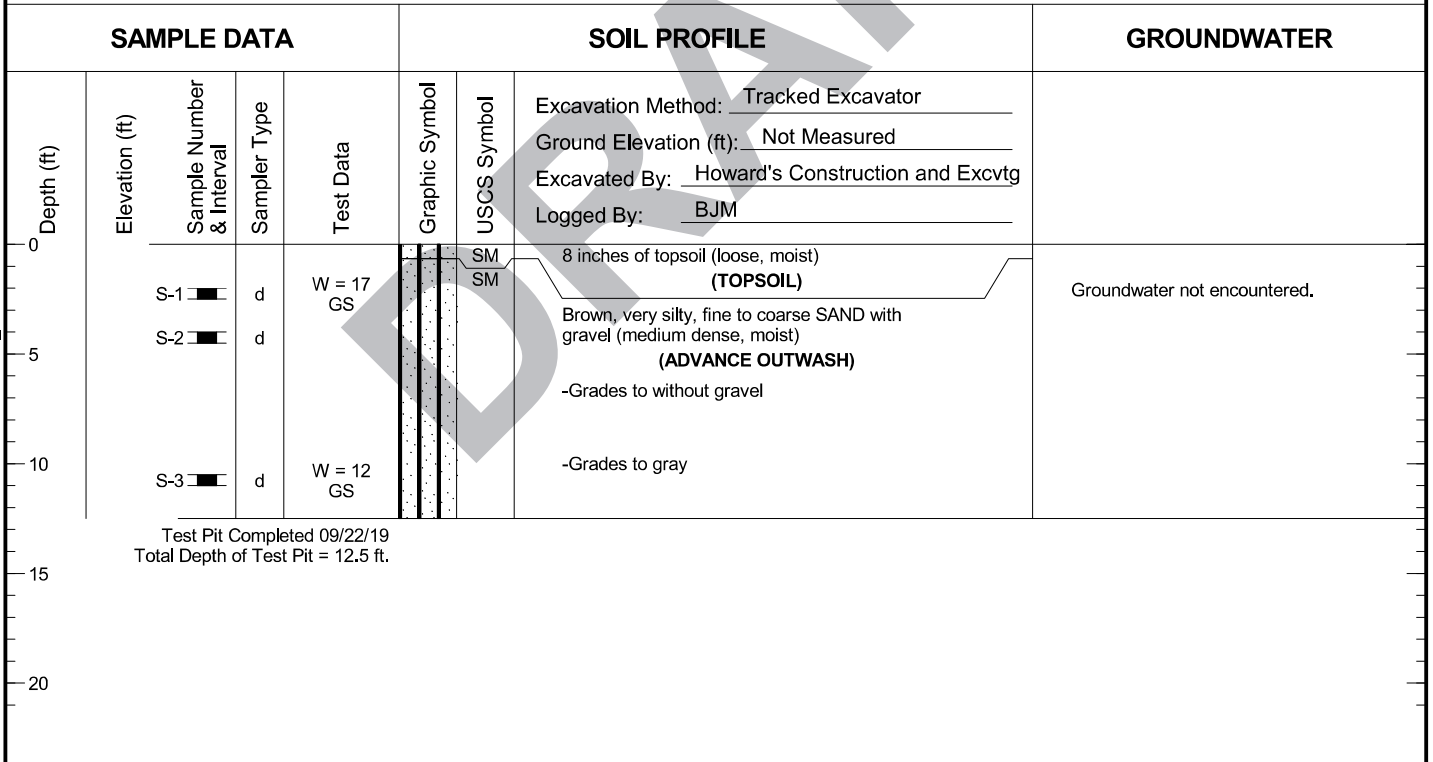
- Notes:
- USCS letter symbols correspond to symbols used by the Unified Soil Classification System and ASTM classification methods. Dual letter symbols (e.g., SP-SM for sand or gravel) indicate soil with an estimated 5-15% fines. Multiple letter symbols (e.g., ML/CL) indicate borderline or multiple soil classifications.
  - Soil descriptions are based on the general approach presented in the Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), outlined in ASTM D 2488. Where laboratory index testing has been conducted, soil classifications are based on the Standard Test Method for Classification of Soils for Engineering Purposes, as outlined in ASTM D 2487.
  - Soil description terminology is based on visual estimates (in the absence of laboratory test data) of the percentages of each soil type and is defined as follows:
    - Primary Constituent: > 50% - "GRAVEL," "SAND," "SILT," "CLAY," etc.
    - Secondary Constituents: > 30% and ≤ 50% - "very gravelly," "very sandy," "very silty," etc.
    - > 15% and ≤ 30% - "gravelly," "sandy," "silty," etc.
    - Additional Constituents: > 5% and ≤ 15% - "with gravel," "with sand," "with silt," etc.
    - ≤ 5% - "with trace gravel," "with trace sand," "with trace silt," etc., or not noted.
  - Soil density or consistency descriptions are based on judgement using a combination of sampler penetration blow counts, drilling or excavating conditions, field tests, and laboratory tests, as appropriate.

Drilling and Sampling Key		Field and Lab Test Data																																																				
SAMPLER TYPE	SAMPLE NUMBER & INTERVAL																																																					
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Description</th> </tr> <tr><td>a</td><td>3.25-inch O.D., 2.42-inch I.D. Split Spoon</td></tr> <tr><td>b</td><td>2.00-inch O.D., 1.50-inch I.D. Split Spoon</td></tr> <tr><td>c</td><td>Shelby Tube</td></tr> <tr><td>d</td><td>Grab Sample</td></tr> <tr><td>e</td><td>Single-Tube Core Barrel</td></tr> <tr><td>f</td><td>Double-Tube Core Barrel</td></tr> <tr><td>g</td><td>2.50-inch O.D., 2.00-inch I.D. WSDOT</td></tr> <tr><td>h</td><td>3.00-inch O.D., 2.375-inch I.D. Mod. California</td></tr> <tr><td>i</td><td>Other - See text if applicable</td></tr> <tr><td>1</td><td>300-lb Hammer, 30-inch Drop</td></tr> <tr><td>2</td><td>140-lb Hammer, 30-inch Drop</td></tr> <tr><td>3</td><td>Pushed</td></tr> <tr><td>4</td><td>Vibrocore (Rotasonic/Geoprobe)</td></tr> <tr><td>5</td><td>Other - See text if applicable</td></tr> </table>	Code	Description	a	3.25-inch O.D., 2.42-inch I.D. Split Spoon	b	2.00-inch O.D., 1.50-inch I.D. Split Spoon	c	Shelby Tube	d	Grab Sample	e	Single-Tube Core Barrel	f	Double-Tube Core Barrel	g	2.50-inch O.D., 2.00-inch I.D. WSDOT	h	3.00-inch O.D., 2.375-inch I.D. Mod. California	i	Other - See text if applicable	1	300-lb Hammer, 30-inch Drop	2	140-lb Hammer, 30-inch Drop	3	Pushed	4	Vibrocore (Rotasonic/Geoprobe)	5	Other - See text if applicable		<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Description</th> </tr> <tr><td>PP = 1.0</td><td>Pocket Penetrometer, tsf</td></tr> <tr><td>TV = 0.5</td><td>Torvane, tsf</td></tr> <tr><td>PID = 100</td><td>Photoionization Detector VOC screening, ppm</td></tr> <tr><td>W = 10</td><td>Moisture Content, %</td></tr> <tr><td>D = 120</td><td>Dry Density, pcf</td></tr> <tr><td>-200 = 60</td><td>Material smaller than No. 200 sieve, %</td></tr> <tr><td>GS</td><td>Grain Size - See separate figure for data</td></tr> <tr><td>AL</td><td>Atterberg Limits - See separate figure for data</td></tr> <tr><td>GT</td><td>Other Geotechnical Testing</td></tr> <tr><td>CA</td><td>Chemical Analysis</td></tr> </table>	Code	Description	PP = 1.0	Pocket Penetrometer, tsf	TV = 0.5	Torvane, tsf	PID = 100	Photoionization Detector VOC screening, ppm	W = 10	Moisture Content, %	D = 120	Dry Density, pcf	-200 = 60	Material smaller than No. 200 sieve, %	GS	Grain Size - See separate figure for data	AL	Atterberg Limits - See separate figure for data	GT	Other Geotechnical Testing	CA	Chemical Analysis
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<b>Groundwater</b>																																																						
		Approximate water level at time of drilling (ATD)																																																				
		Approximate water level at time after drilling/excavation/well																																																				

## TP-S-1



## TP-S-2



- Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
  2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
  3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

1626004.01 10/11/19 Y:\1626004\010\T\SOUTH PARKING\1626004.010.GPJ TEST PIT LOG



Kitsap County Courthouse  
Addition and Adaptive Reuse  
Port Orchard, Washington

Log of Test Pits

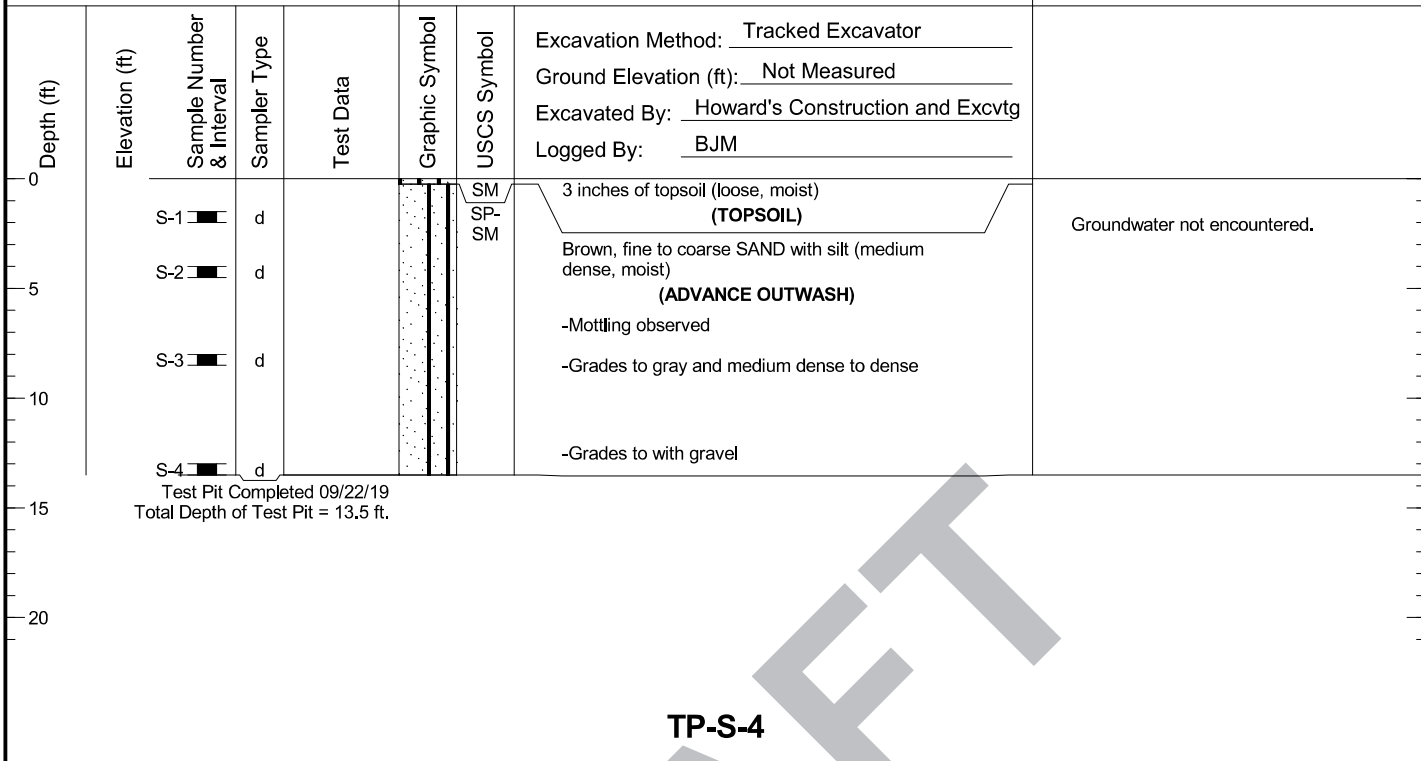
Figure  
**A-2**

**TP-S-3**

**SAMPLE DATA**

**SOIL PROFILE**

**GROUNDWATER**

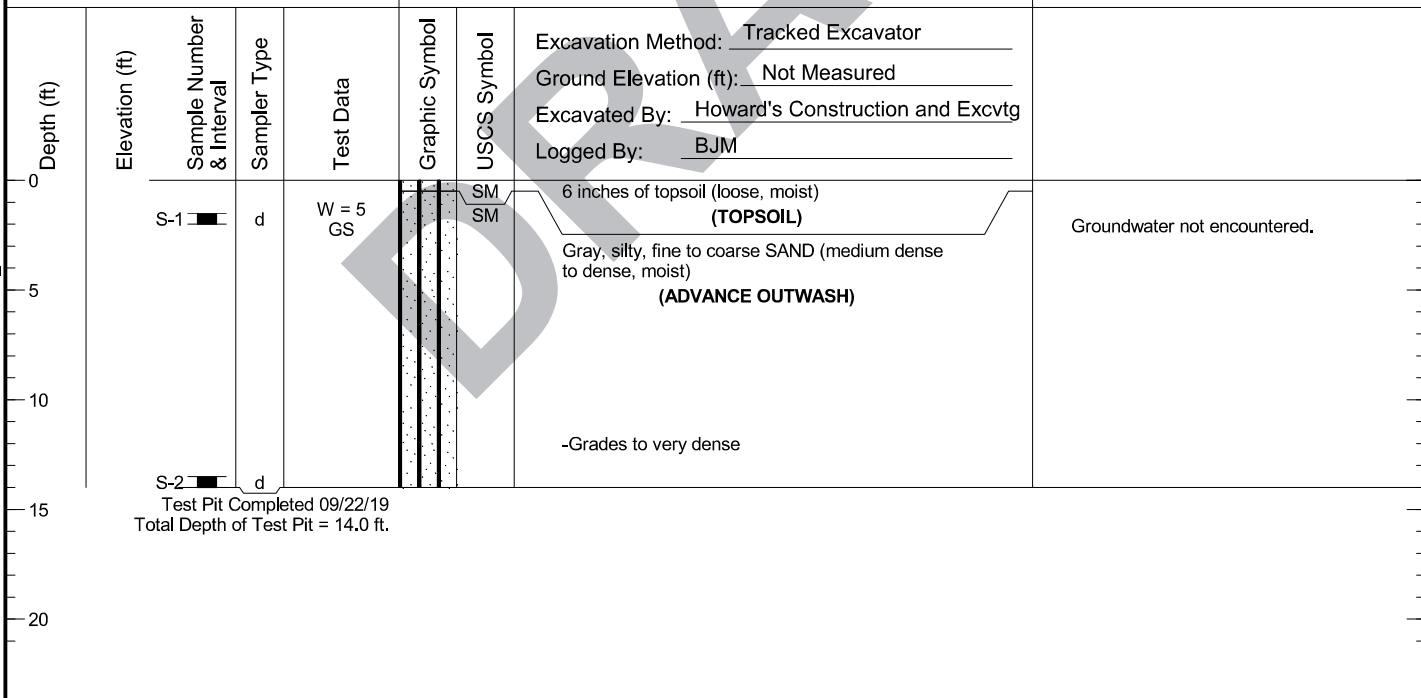


**TP-S-4**

**SAMPLE DATA**

**SOIL PROFILE**

**GROUNDWATER**



- Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
  2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
  3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

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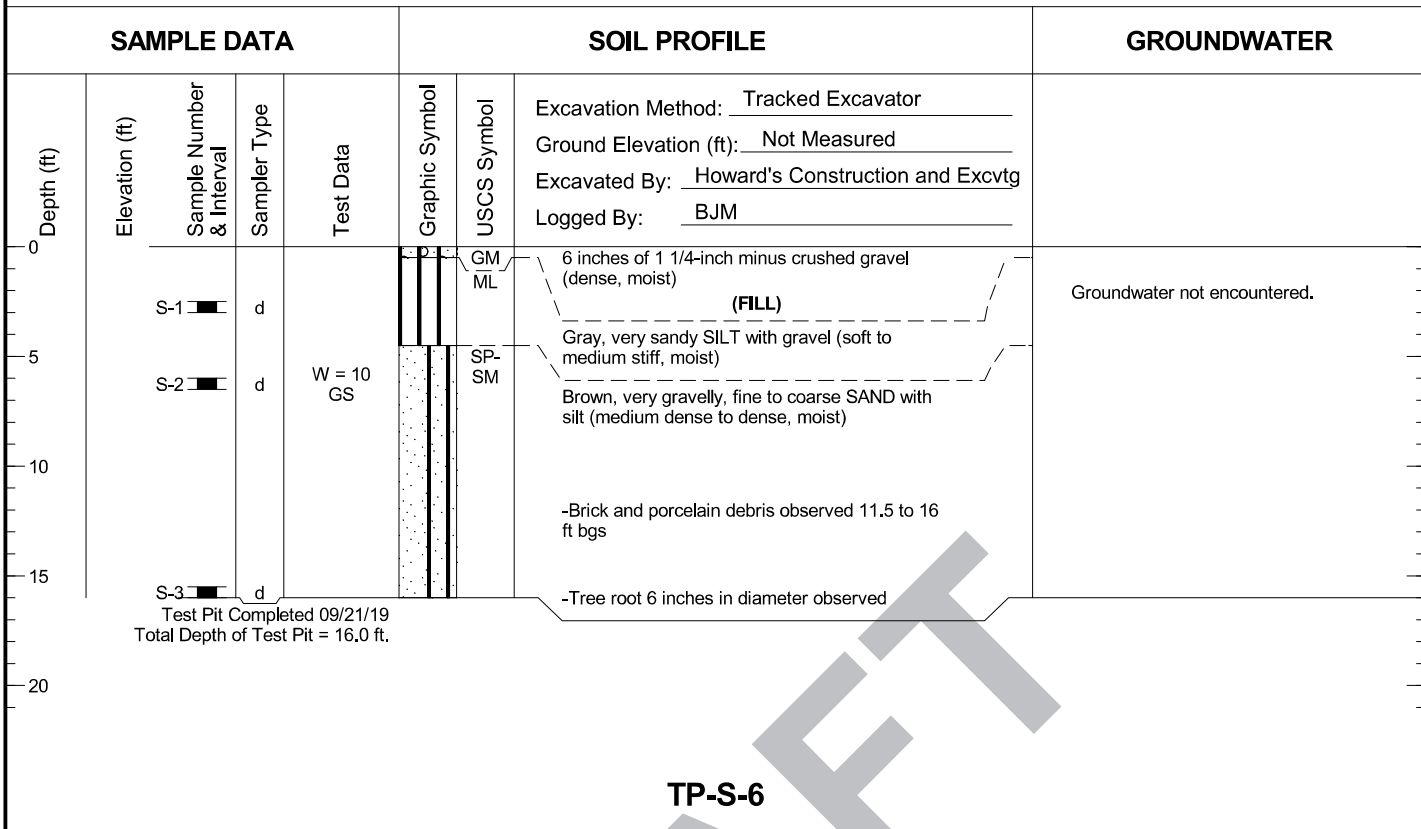


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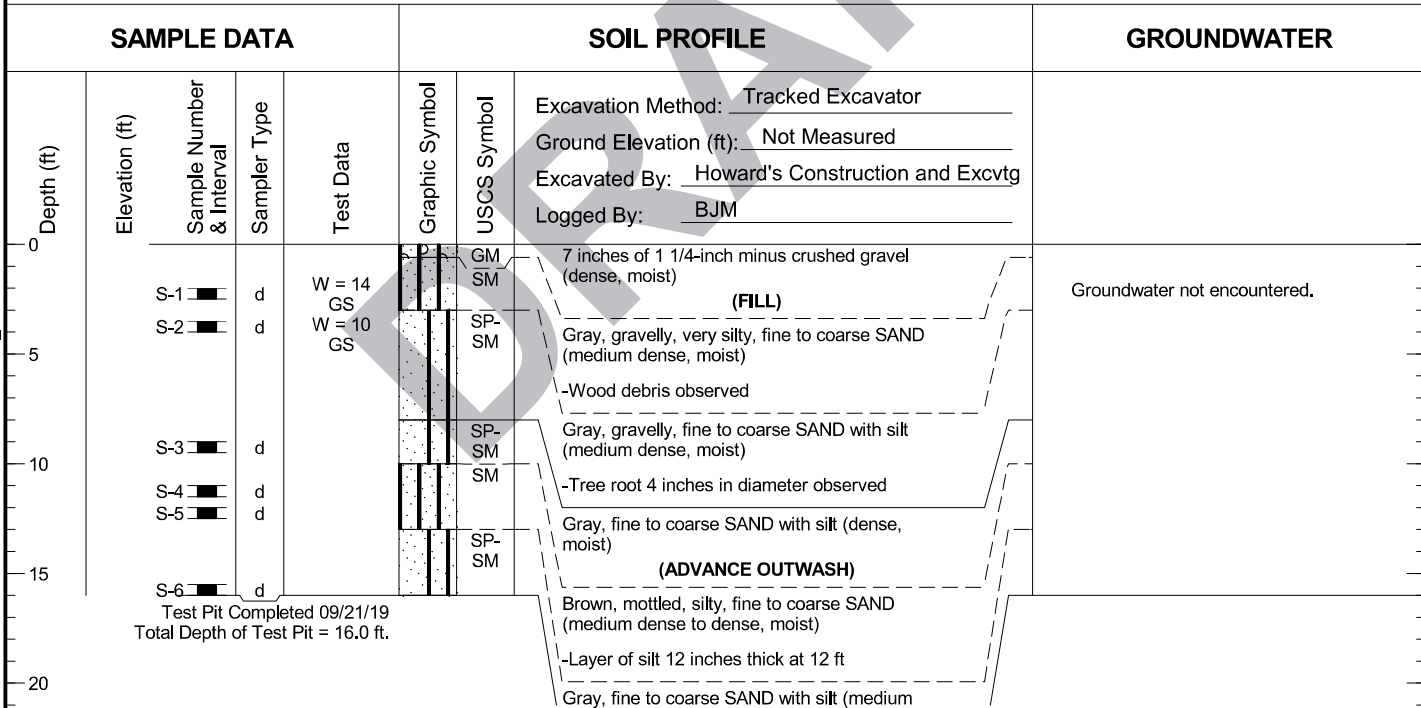
Log of Test Pits

Figure  
**A-3**

### TP-S-5



### TP-S-6



- Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
  2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
  3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

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Port Orchard, Washington

Log of Test Pits

Figure  
**A-4**

TP-S-7

SAMPLE DATA		SOIL PROFILE			GROUNDWATER			
Depth (ft)	Elevation (ft)	Sample Number & Interval	Sampler Type	Test Data	Graphic Symbol	USCS Symbol	Excavation Method: <u>Tracked Excavator</u>	Groundwater
	Ground Elevation (ft): <u>Not Measured</u>						Excavated By: <u>Howard's Construction and Excvtg</u>	
0								
5		S-1 S-2 S-3	d	W = 21 W = 10 GS	GM SP SM SM SM		6 inches of 1 1/4-inch minus crushed gravel (dense, moist) <b>(FILL)</b> Brown, fine to coarse SAND with gravel and silt (medium dense, moist) Brown, mottled, silty, fine to coarse SAND (loose, moist)	Groundwater not encountered.
10		S-4	d				Gray, gravelly, silty, fine to coarse SAND (medium dense to dense, moist) <b>(ADVANCE OUTWASH)</b>	

Test Pit Completed 09/21/19  
Total Depth of Test Pit = 12.5 ft.

DRAFT

- Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
  2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
  3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

1626004.01 10/11/19 Y:\1626\004.01\01\SOUTH PARKING\1626004.010.GPJ TEST PIT LOG



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Log of Test Pits

Figure  
**A-5**

# Laboratory Testing

## **APPENDIX B LABORATORY TESTING**

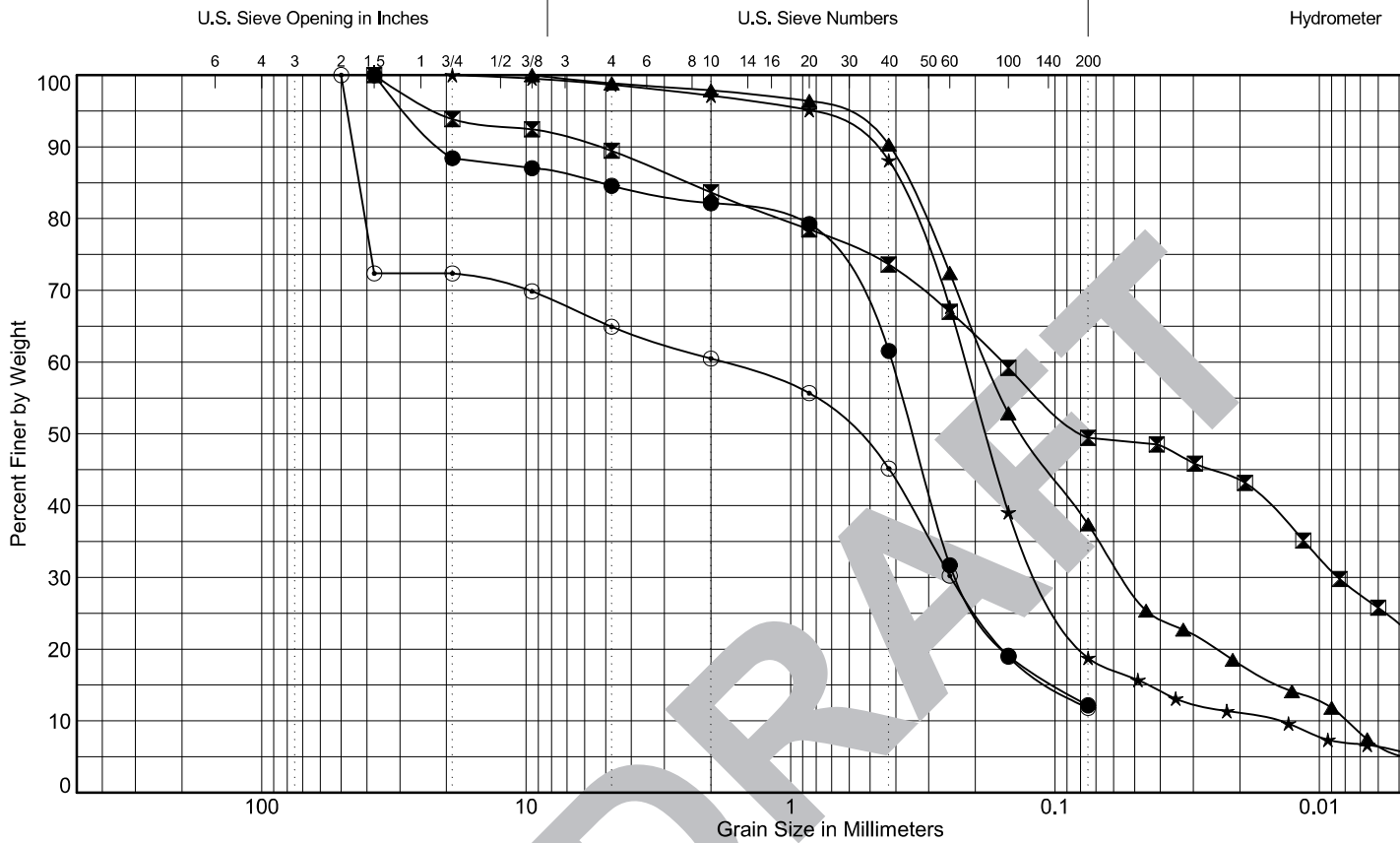
Natural moisture content determinations and grain size analyses were performed on select soil samples to facilitate soil classification. Laboratory testing was performed in general accordance with the ASTM International (ASTM) standard test methods described below. The samples were checked against the field log descriptions, and the descriptions were updated where appropriate in accordance with ASTM standard test method D2487, *Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)*.

### **Natural Moisture Content**

Natural moisture content determinations were performed in general accordance with ASTM standard test method D2216. The natural moisture content is shown as W = xx (i.e., percent of dry weight) in the column labeled “Test Data” on the summary logs in Appendix A.

### **Grain Size Analysis**

To provide an indication of the grain size distribution of site soils, sieve and hydrometer analyses were conducted in accordance with ASTM standard test method D422. Samples selected for grain size analyses are designated with a “GS” in the column labeled “Test Data” on the summary logs in Appendix A. The results of the grain size analyses are presented in the form of grain size distribution curves on Figures B-1 and B-2 in this appendix.



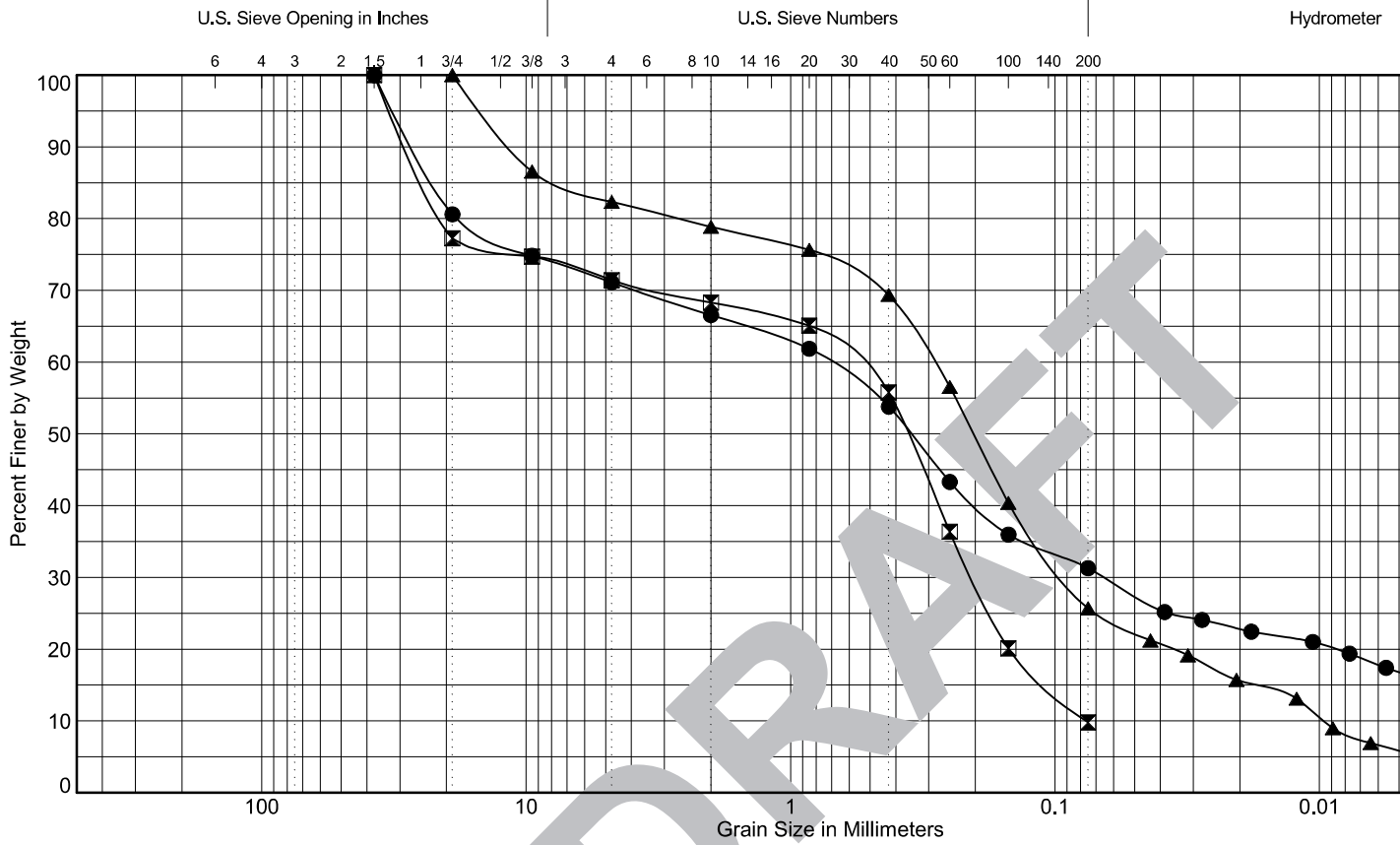
Cobbles	Gravel		Sand			Silt or Clay
	Coarse	Fine	Coarse	Medium	Fine	

Symbol	Exploration Number	Sample Number	Depth (ft)	Natural Moisture (%)	Soil Description
●	TP-S-1	S-4	12.0	6	Gravelly, fine to coarse SAND with silt
⊠	TP-S-2	S-1	2.0	17	Very silty, fine to coarse SAND with gravel
▲	TP-S-2	S-3	10.5	12	Very silty, fine to coarse SAND
★	TP-S-4	S-1	1.5	5	Silty, fine to coarse SAND
⊙	TP-S-5	S-2	6.0	10	Very gravelly, fine to coarse SAND with silt



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Grain Size Distr



Cobbles	Gravel		Sand			Silt or Clay
	Coarse	Fine	Coarse	Medium	Fine	

Symbol	Exploration Number	Sample Number	Depth (ft)	Natural Moisture (%)	Soil Description
●	TP-S-6	S-1	2.0	14	Gravelly, very silty, fine to coarse SAND
⊠	TP-S-6	S-2	3.5	10	Gravelly, fine to coarse SAND with silt
▲	TP-S-7	S-3	4.0	10	Gravelly, silty, fine to coarse SAND



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Grain Size Distr