

August 19, 2021

Mark L. Johnson, Executive Director & Secretary Washington Utilities and Transportation Commission PO Box 47250 Olympia, WA 98504-7250 State Of WASH.
UTIL. AND TRANSP.
COMMISSION

ecords Manageme

Dear Mr. Johnson;

Enclosed is a copy of the contract between Ken Ritter Jr. and Washington Water Service Company (WWSC) to complete the tap and extension of the water main on 78th Avenue East. This site is in Pierce County, which is serviced by Southwood Water System, DOH ID# 82844H. This agreement has been signed by Ken Ritter and countersigned by Matthew D. Brown, the General Manager of WWSC.

Estimated costs identified on attachment "A" are \$75,091.00. To this, a half payment of \$37,546.00 has been received for the total projected engineering costs, as attached.

A vicinity map showing the location of the lot is included with this filing. Please do not hesitate to call me at 253-851-4060 Ext. 1103, if you have any questions.

Sincerely,

Thu Hoang

Accounting Analyst

Customer Service: Toll Free (877) 408-4060

Gig Harbor: 14519 PEACOCK HILL AVE NW • PO BOX 336 • GIG HARBOR, WA 98335

Olympia: 6800 MERIDIAN RD SE • OLYMPIA, WA 98513

RECEIVED AUG 19, 2021 WA. UT. & TRANS COMM. ORIGINAL UW-210661



WASHINGTON WATER SERVICE

14519 Peacock Hill Avenue • P.O. Box 336 Gig Harbor, WA 98335 *Tel*: (877) 408-4060

May 10, 2021

Northridge Contractors, Inc. Ken Ritter Jr. 10931 Greendale Drive SW Lakewood, WA 98498

Re:

Southwood Water System, DOH ID# 82844H, Pierce County Water Main Extension Agreement for 18510 78th Avenue E Parcel No. 0419323001

Dear Mr. Ritter:

This Water Main Extension Agreement (the "Agreement") is between Washington Water Service Company (the "Washington Water") and Ken Ritter Jr. (the "Owner") to extend the existing water main line and installation of any other facilities needed to provide water utility service to the parcel(s) referenced above.

This Agreement sets forth the terms and conditions as well as our engineer's projected costs, enclosed as "Attachment A", to complete the tap and extension of the water main on 78th Avenue East. The projected cost of \$75,091 is exclusive to the time and materials necessary to provide water to 16 domestic services, the tie-in of new construction to the distribution system, bacteriologic sampling, and engineer inspections. The final amount billed for completing this project is based on actual costs for engineering, materials, labor and other variables needed to complete the project, this amount may also vary from the projected costs provided due to unforeseen issues during the installation/tie-in of the extended water main and service line that are beyond the control of Washington Water.

Washington Water will allow the parcel owner to hire his/her own engineering firm and underground contractor to install the watermain, appurtenances and service for the intended propose of installing water service to the parcel listed above. This contractor must be approved by Washington Water, prior to beginning any underground work (a list of approved contractors can be provided upon request).

If in home fire sprinklers will be required by Pierce County Fire Marshal's office, a larger service assemble may be needed at accommodate sprinkler flow. If fire flow sprinklers are required, please provide a copy of sprinkler requirements from the Fire Marshal's office or the sprinkler flow calculations from your fire sprinkler professional for sizing the larger service assembly.

The improvements stated herein qualify as Contributed In Aid of Construction (CIAC). Pursuant to Section 118(b) of the Tax Cuts and Job Act of 2017, federal tax laws require CIAC funds to be federally taxed ensuring that the



expansion of water service to new customers does not unfairly burden a utility's existing customers. Applicants should consult their tax advisors concerning the application of tax laws to their particular situations.

Terms & Conditions

The projected costs are for engineering, construction materials and labor only, unless otherwise specified in Attachment A. Upon execution of this Agreement and prior to commencement of engineering and construction, Washington Water requires a deposit of fifty percent (50%) of the projected costs outlined in this Agreement. All past due accounts will be charged 1.5% per month (18% per annum). The projected costs submitted in this Agreement is provided as preliminary information only and the figures and information contained herein are subject to the execution of this Agreement within 30-business days of the date the Agreement was issued.

Terms and conditions of this Agreement are subject to the review and approval of the Washington State Utilities and Transportation Commission (the "Commission"). Upon execution of this Agreement, Washington Water will submit the Agreement to the Commission for their approval. Upon the Commission's approval, plans will be prepared, and if required, submitted to the Washington State Department of Health for their approval. Once all necessary approvals have been obtained and the required payment received, Washington Water will schedule and cause construction to commence.

Washington Water requires a 20 foot wide easement for all onsite piping and appurtenances. The Owner's surveyor or engineering firm will prepare an easement description and drawing exhibit for the on-site water system mains and appurtenances using the Washington Water easement form after construction is completed. The Owner is responsible for acquiring the required signatures of all affected properties, notarized and recorded with the Pierce County Auditor's office. This easement is necessary for Washington Water to maintain the on-site facilities on an on-going basis.

Upon completion of the main extension and any other requested facilities have been installed, pressure tested, bacteriological samples taken and tested with satisfactory results and a Certificate of Completion signed by a licensed engineer and all approvals received; the Owner is to provide Washington Water with a Bill of Sale transferring the ownership of these contributed facilities to Washington Water.

Washington Water requires all remaining amounts be paid in full with an active billing account established prior to commencement of domestic water service and issuance of a final Certificate of Water Availability. If meter installation does not occur after the installation of facilities, the Owner will be charge a monthly Ready-to-Serve fee as listed in Washington Water's approved tariff, until a meter installation has occurred.

Neither this Agreement nor any of the rights, interests or obligations under this Agreement may be assigned or delegated, in whole or in part, by operation of law, or otherwise, by Owner without the prior written consent of Washington Water, and any such assignment without such prior written consent shall be invalid. Nothing expressed or referred to in this Agreement will be construed to give any person other than the parties to this Agreement any legal or equitable right, remedy, or claim under or with respect to this Agreement or any provision of this Agreement. This Agreement and all of its provisions and conditions are for the sole and exclusive benefit of the parties to this Agreement and their successors and assigns.

Upon execution of this Agreement, the Owner has 180-business days to coordinate with Washington Water for the engineering and construction to complete this project. This Agreement shall automatically become invalid unless the work authorized in this Agreement has commenced within 180-business days after execution. Once



this Agreement has become invalid, the project will be closed and all project work will cease; a refund check will be issued to the Owner for pre-paid amounts received by Washington Water minus any billable work completed and non-refundable fees.

(Initial)

KR I elect to hire my own qualified contractor to complete the installation under the conditions listed below:

- Remit a deposit payment of \$37,546 fifty percent (50%) of the projected costs (\$75,091) for engineering, construction labor, materials, and county permits provided by Washington Water, as outlined in Attachment A.
- Washington Water must review and approve the engineering plan-set as it applies to water utility assets before construction can commence.
- Prior to any underground work being started, the hired contractor must be pre-approved by Washington Water. A list of approved contractors can be provided upon request.
- Provide installing contractor's name and contact information, along with copies of their Contractor's License, and Certificate of Insurance (contractor must have a minimum insurance coverage of \$1,000,000 per occurrence, \$2,000,000 annual aggregate naming Washington Water Service Company as Additional Insured and Certificate Holder).
- Time required to complete this project may vary due to the size of the project, projects already scheduled and emergencies that may require our construction crew to leave project site.

BEFORE CONSTRUCTION BEGINS:

- The signed Agreement and the required payment must be received by Washington Water before any work will be scheduled, including the purchasing of materials.
- If required, Washington Water will be responsible for obtaining all necessary regulatory agency approvals, county/state permits and schedule with outside contractors.
- Provide names of any contractor(s) that may be working on-site.
- Schedule a pre-con meeting to review detailed plans and specifications with Washington Water's Engineer, and the Construction Superintendent or Construction Foreman.
- Washington Water will tap the existing watermain on 78th Avenue E. A tapping sleeve, AWWA gate valve and valve blocking will be provided by Washington Water for your contractor to connect to.
- The Owners underground contractor will be responsible for traffic control, the excavation of the main to be tapped along with any road repairs. Any contractor purchased materials must be on-site and inspected by Washington Water prior to installation.

DURING CONSTRUCTION:

- The installation of all on-site piping, services, water service lines, valves, fittings and other appurtenances will be the responsibility of the Owner.
- Washington Water will operate the valves for filling and flushing of the new water main and will do periodic inspections of the installation.
- Review status of project with Washington Water's Construction Superintendent.
- Coordinate inspections with Washington Water (either our Construction or Engineering Department)

BEFORE TIE-IN/ACTIVATION OF NEW FACILITIES:

• Once construction is completed, Washington Water will be responsible for pressure testing installed facilities.



- A final inspection must be scheduled with the Construction Superintendent or Construction Foreman to review installed facilities and that the installed facilities have been installed in accordance with the specifications provided in the engineering plans.
- If a fire hydrant is installed, Washington Water will be responsible for fire flow testing and county submittal.
- Washington Water will take bacteriological samples. The results from the samples taken are required to meet all Washington State Department of Health Drinking Water Regulations and Standards. Unsatisfactory results will delay the tie-in of the new facilities.
- A backflow assembly (Double Check Valve-DCVA/Reduced Pressure Backflow-RPBA/Pressure Vacuum Breaker-PVB) is required whenever there is a possibility of a cross connection between the public water system and a non-portable water source. Examples include, but are not limited to, irrigation systems, fire sprinkler systems or other water-using equipment. The backflow assembly device must be installed on the customer side of the meter; a licensed plumber can install this device. Annual testing and repair of the device is the responsibility of the parcel owner.
- Final payment for the work completed as outlined in this Agreement has been received, and any remaining amounts due be paid in full

If the terms of this letter are acceptable, please initial your election to hire your own contractor to complete the extension project under the terms listed in the Agreement and then sign the letter below. Return both this letter and the agreed payment to our Gig Harbor Office at 14519 Peacock Hill Avenue NW, Gig Harbor, WA 98335 (Mailing Address: PO Box 336, Gig Harbor, WA 98332). If you have any questions, please give me a call directly in Gig Harbor at (253) 851-4060 or toll free at (877) 408-4060.

Sincerely,

Matthew D. Brown, P.E. General Manager

Accepted

By: Ken Ritter

Ken Ritter

Printed Name

206-858-8383

Phone:

5/13/21

Date Accepted

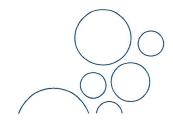
Enclosure(s)

cc: Kanosi Chakweva, Accounting Manager Eric Williams, Construction Superintendent Sarah Castro, Customer Service Manager John Puccinelli, Engineering Manager Shawn O'Dell, Operations Manager (Gig Harbor/Olympia)

File1: Southwood Water System

File2: EngFile# 3909

W:\Systems\Southwood ID82844H Pierce\Projects_Work Orders\SWS.21 MainExt_18510 78th AvE (DietrichFirs-Ritter)\SWS.21 MainExtAgr_18510 78th AvE (DietricFirs-Ritter).docx



Washington Water Service Co.

Engineering Department 6800 Meridian Road SE Olympia, WA 98513

Engineer's Opinion of Probable Project Costs Summary
Attachment "A"

Southwood Dietrich Firs Distribution Extension

April 19, 2021 (Projected Cost Good for 30-Days)

Engineering File # 3909

*** Construction Materials ***

Unit of			Unit of			
Property	Description	Quantity	Measure	Unit Cost	Total	
103240	Construction Materials, Pipe, Valves, Fittings, Etc	1	LS	\$ 2,825.45	\$ 2,825.45	
103450	Construction Materials for Services	1	LS	\$ -	\$ -	
103480	Construction Materials for Hydrants	-	LS		\$	
			T		\$ -	
					\$ -	
		Sub-Total			\$ 2,825.45	
		Contingency Sales Tax SUB Total - Materials		10%	\$ 282.54	
				9.00%	\$ 279.72	
					\$ 3,387.71	
		Rounded Ur	\$3,400.00			

*** Construction Labor ***

	O O O O O O O O O O O O O O O O O O O						
Unit of Property	Description	Quantity	Unit of Measure		Unit Cost		Total
103240	Construction Labor - Watermain	1	LS	\$	5,502.00	\$	5,502.00
103450	Construction Labor - Services	1	LS	\$	786.00	\$	786.00
103480	Construction Labor - Hydrants	1	LS	\$	2,358.00	\$	2,358.00
						\$	-
	WWSC Engineering	1	LS	\$	2,665.85	\$	2,665.85
						\$	-
						\$	-
						\$	11,311.85
		Contingency	Contingency		10%	\$	1,131.19
		Sub-Total - Co	Sub-Total - Construction Labor			\$	12,443.04
			Rounded Up Value				\$12,500.00

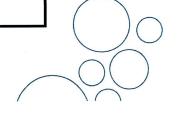
*** Outside Contractor ***

Projected Funds Required =

Unit of Property	Description		Quantity	Unit of Measure		t Cost	Total
	County Permits (Encroachment)		1	LS	\$	396.00	\$ 396.00
	DOH Review Fees			LS			\$ -
	Tapping Contractor			LS			\$ -
	Geotechnical Engineer			LS			\$ -
	Engineering Consultant			LS			\$ -
	Land Surveyor			LS			\$,4,
	Land Cost		1	LS			\$ -
	Additional Insurance			LS			\$ -
	Bonding			LS			\$ -
	Sanitary Facility Rental (Portable Toilet)			LS	\$	-	\$ -
	Paving Contractor - Pavement Restoration		1	LS			\$ -
	Traffic Control Contractor - Flaggers		1	LS	\$	-	\$ -
	***						\$ -
							\$ -
							\$ -
							\$ -
			SUB TOTAL				\$ 396.00
			Contingency	•		10%	\$ 39.60
			Sub-Total - Outside Contractor				\$ 435.60
			Rounded Up Value			\$500.00	
			Project Subtotal =			\$ 16,400.00	
			Federal Tax per the				\$ 4,359.49
			State B&O Tax =			\$ 316.13	
	Anticiapted Developer (onsite) Costs		East Pierce F		arge =		\$ 31,372.16
	\$	85,183.37	Anticipated To		v		\$ 22,643.68

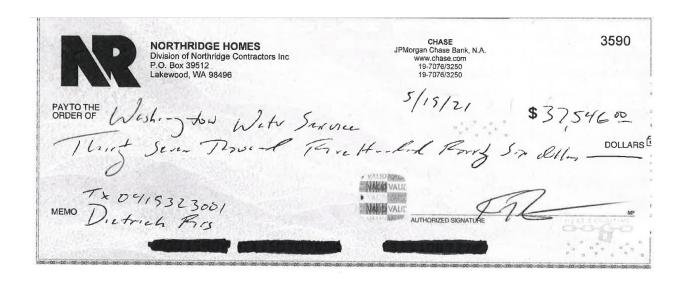
Assumptions

- This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not intended to accurately represent actual design or construction components or prices.
- 2) Totals are rounded to nearest \$100



\$75,091

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COUNTY ENGINEER

PIERCE COUNTY ORDINANCE NUMBER:

PARCEL AREA: 201,473 S.F.

SHEET INDEX:

3 SWPPP & ROUGH GRADING PLAN

9 185TH ST, CT, E, DRIVEWAY LOCATION DETAILS

14 DETAILS & NOTES 15 78TH AVE E STRIPING PLAN & NOTES & DETAILS

4 SWPPP NOTES & DETAILS

7. 185TH ST. CT. E. DETAILS

10 DETAILS & NOTES

11 DETAILS & NOTES
12 DETAILS & NOTES

13 DETAILS & NOTES

16 DETAILS & NOTES

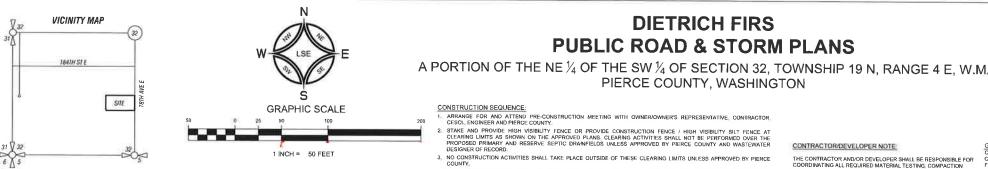
6 185TH ST. CT. E. PLAN & PROFILE

4.63 AC

CONTACT DENIES PATTERSON, THE AREA INSPECTOR AT 253-798-2539, TO COORDINATE THE PRE-CONSTRUCTION MEETING AND COUNTY INSPECTOR

COURDINATE HE PRE-CONSTRUCTION MEETING ARD D COLYTY INSPECTIONS FOR PRE-CONSTRUCTION MEETING SHALL BE REQUESTED A LEAST 48-HOURS IN ADVANCE OF THE STATE OF CONSTRUCTION APPOINT A CHETIFIED ARD OF CONSTRUCTION APPOINT A CHETIFIED A CHETIFIED A PROVIDED A COPY OF RESUMPLY RESOURCE OF LEAST BY A PROPERTY OF CHETIFIED AS CHETIFIE

APPROVAL
ALL WORK IN THE PUBLIC RIGHT-OF-WAY REQUIRES A GENERAL RIGHT-OF-WAY
PERMIT FROM PIERCE COUNTY PLANNING AND PUBLIC WORKS.



PUBLIC SERVICES
SCHOOL DISTRICT:

FIRE DISTRICT POLICE:

PROPOSED USE: NUMBER OF LOTS: LARGEST LOT: SMALLEST LOT: AVERAGE LOT:

SITE:

SOUTH WOOD WATER COMPANY

SD #403 BETHEL PIERCE COUNTY FIRE DISTRICT #21 PIERCE COUNTY SHERIFF

0,77 AC (33,653 SF)

0.02 AC (982 SF) 0.02 AC (1,015 SF) RK): 0.20 AC (8,634 SF) 0.13 AC (5,685 SF)

16 0.21 AC (9,210 SF) 0.19 AC (8,340 SF) 0.20 AC (8,637 SF) 0.11 AC (4,000 SF) 50 FEET

PRI DRAINFIELD

PRI DRAINFIELD

PRI DRAINFIELD PRI DRAINFIELD

PRI DRAINFIELD

LOT 8

RES DRAINFIELD

PRI DRAINFIELD

TRACT 'E'

LOT 9

RES DRAINFIEL

PRI DRAINFIELD

PRI DRAINFIELD

RES DRAINFIELD

LOT 10

RES DRAINFIELD

PRI DRAINFIELD

RES DRAINFIELD

LOT 6

LOT 11

RES DRAINFIELD

PRI DRAINEIELD

RES DRAINFIELL

LOT 5

LOT 12

WELL TO BE

RES DRAINFIELD

PRI DRAINFIELD

TRACT A (PASSIVE PARK & TREE RETENTION):
TRACT B (PASSIVE PARK & TREE RETENTION):
TRACT C (6' LANDSCAPE BUFFER):
TRACT D (4' LANDSCAPE BUFFER):
TRACT D (5' LANDSCAPE BUFFER):
TRACT E (PRIVATE SEPTIC DRAINFIELD & PASSIVE P

TRACT E (PRIVATE SEPTIC DRAINFIEL TRACT F (PUBLIC STORM DRAINAGE)

VICINITY MAP

LEGEND

ASPHALT HATCH

FIRE HYDRANI

RIGHT-OF-WAY

CENTERLINE

ROOFDRAINS

STORM

CATCH BASIN

TREES

MONUMENT

PROPOSED

----500----

0

(I) (I)

TRACT 'A'

TRACT 'F'

TRACT 'B'

EXISTING

CONSTRUCTION SEQUENCE:

ARRANGE FOR AND ATTEND PRE-CONSTRUCTION MEETING WITH OWNER/OWNER'S REPRESENTATIVE CONTRACTOR CESCL ENGINEER AND PIERCE COUNTY

DIETRICH FIRS

PUBLIC ROAD & STORM PLANS

PIERCE COUNTY, WASHINGTON

TRACT 'C'

LÒT 2

LOT 15

RES DRAINFIELD

185TH ST. CT. E. (PUBLIC)

RES DRAINFIELD

LOT .

ħĪ

LOT 16

DE RELOCATED

RES DRAINFIELD

PRI DRAINFIELD

TRACT 'D'

STAKE AND PROVIDE HIGH VISIBILITY FENCE OR PROVIDE CONSTRUCTION FENCE / HIGH VISIBILITY SILT FENCE AT CLEARING LIMITS AS SHOWN ON THE APPROVED PLANS CLEARING ACTIVITIES SHALL NOT BE PERFORMED OVER THE PROPOSED PRIMARY AND RESERVE SEPTIC DRAWFIELDS UNLESS APPROVED BY PIERCE COUNTY AND WASTEWATER DESIGNER OF RECORD.

3, NO CONSTRUCTION ACTIVITIES SHALL TAKE PLACE OUTSIDE OF THESE CLEARING LIMITS UNLESS APPROVED BY PIERCE

A. PROVIDE ORANGE CONSTRUCTION FENCING AROUND PROPOSED INFLITRATION TRENCH AS SHOWN ON THE APPROVED PLANS TO PROTECT INFLITRATIVE SOILS TO THE MAXIMUM EXTENT POSSIBLE DURING CONSTRUCTION. CONSTRUCTION FENCING SHALL REMAIN IN PLACE UNIT. BUCH THIS THAT THE INFLITRATION TRENCH IS TO BE CONSTRUCT IN CLIENT OF THE SEPTIC PRIMARY AND RESERVE AREAS, THESE AREAS SHALL BE FENCED OFF WITH ORANGE CONSTRUCTION FENCING AS WELL SEE NOTE 2% ABOVE.

5. PROVIDE TEMPORARY CONSTRUCTION ENTRANCE AS SHOWN ON THE APPROVED PLANS.

6 PROVIDE PERIMETER PROTECTION (SILT FENCING, ETC.)

 PROVIDE PERIMETER PROTECTION (SILT PENCINS, ETC.)
 CALL PIERGE COUNTY FOR INSPECTION NO. I, INSTALLATION OF EROSION CONTROL FACILITIES PRIOR TO CLEARING.
 CLEAR AND GRUE SITE WITH THE EXCEPTION OF THE INFILTRATION TRENCH, PRIMARY AND RESERVE SEPTIC AREAS SHALL REMAIN MOISTURBED DURING CLEARING & GRUBBING (SEE 78 AGIVE) THE DUPE TAVER. HATTIET DO SOIL, AND NATURAL VEGETATION SHALL BE RETAINED TO THE MAXIMUM EXTENT POSSIBLE. IF RETENTION IS NOT PRACTICAL THEN STOCKPILE TO NISTIC, COVER IT TO PREVENT EROSION, AND REPLACE IT TO THE MAXIMUM EXTENT POSSIBLE IF RETENTION IS NOT PRACTICAL THEN STOCKPILE TO NISTIC, COVER IT TO PREVENT EROSION, AND REPLACE IT TO THE MAXIMUM EXTENT POSSIBLE IF RETENTION IS NOT PRACTICAL THEN STOCKPILE UPON COMPLETION OF SITE GRADING, THIS APPLIES TO ALL CLEARING AND GRUBBING ACTIVITIES. 9. CALL PIERCE COUNTY FOR INSPECTION NO. 2. COMPLETION OF CLEARING.

11, MAINTAIN EROSION CONTROL. AND SWPPP MEASURES IN ACCORDANCE WITH PIERCE COUNTY STANDARDS AND MANUFACTURER RECOMMENDATIONS. AS SITE CONDITIONS CHANGE, RELOCATE EROSION CONTROL AND SWPP MEASURES SUCH THAT THE EROSION AND SEDIMENT CONTROL AND POLLUTARY MEASURES ARE ALWAYS CONSISTENT WITH PIERCE COUNTY AND MANUFACTURER REQUIREMENTS AND RECOMMENDATIONS.

12. SEED, SOO OR STABILIZE OR COVER ANY AREAS TO REMAIN UNWORKED FOR MORE THAN SEVEN (7) DAYS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30) OR TWO (2) DAYS DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) WITH STRAW, WOOD FEBR WILLDH COMPOST, PASTIC SHEET RISK, OR FOUNDALTH, LOSTURBED AREAS AND TRECEVING HAND SURFACING IN THE FINAL AS-CONSTRUCTED CONDITION SHALL RECEIVE AMENDED SOILS AT THE TIME LANDSCAPING IS INSTALLED.

IN THE PRINCESCONSTRUCT CONDITION SHALL RECEIVE ANALYSIS SILES AT THE TIME LANDSCAPING IS INSTALLED.

14. CONTACT GEOTECHNICAL FIRM OF RECORD TO VERIFY SOL INFILTRATION CAPACITY IN PROPOSED INFILTRATION TRENCH LOCATION, RETAIN AND PROVIDE DOCUMENTATION TO PIERCE COUNTY AS REQUIRED.

15. CALL PIERCE COUNTY FOR INSPECTION NO.3. UPON COMPLETION OF EXCAVATION, FILLING AND EARTHWORK

16. PROVIDE CURBING AND SIDEWALKS AS INDICATED ON THE APPROVED PLANS.

17. PROVIDE STORM CONSYANG SYSTEM AND INFILITATION TIRENCH AS SHOWN ON THE APPROVED PLANS, PROVIDE CATCH BASIN SEDIMENT PROTECTION OR SOLID LID ON NEWLY CONSTRUCTED DRAINAGE COLLECTING STRUCTURES.

18. PROVIDE ASPHALT SURFACING AS INDICATED ON THE APPROVED PLANS,

19. PROVIDE REMAINING SITE IMPROVEMENTS

ES DRAINFIELD

LOT 4

LOT 13

RES DRAINFIELD

PRI DRAINFIELD

20. CALL PIERCE COUNTY FOR INSPECTION NO. 4. COMPLETION OF PROJECT

CALL PIERCE COUNTY FOR INSPECTION NO. 5, AS NEEDED TO DETERMINE COMPLIANCE WITH APPROVED PLANS AND/OR SPECIFICATIONS (DOES NOT REQUIRE ADVANCE NOTICE)

22. UPON COMPLETION OF THE PROJECT AND APPROVAL BY PIERCE COUNTY, STABILIZE ALL REMAINING DISTURBED AREAS AND REMOVE BMPS AS APPROPRIATE.

RES DRAINFIELD

LOT 3

10 PUE TYP

LOT 14

RES DRAINFIELD

PRI DRAINFIELD

CONTRACTOR/DEVELOPER NOTE:

THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED MATERIAL TESTING. COMPACTION TESTING, AND APPLICABLE INSPECTIONS AS REQUIRED BY PIECE COUNTY AND PRIVATE ENGINEER. THE CONTRACTOR SHALL SUPPLY CERTIFYING ENGINEER WITH DOCUMENTATION SIGNED BY A PROPERTY OF THE PROPERTY THE ROAD SECTION WAS BUILT ACCOMBING TO THE BACKFILL RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, THE BACKFILL MATERIAL MEETS MINIMUM COUNTYSTATE REQUIREMENTS, COMPACTION WAS ACHIEVED IN ALL TRENCHES AND ROAD SECTION AND ALL CONSTRUCTION MATERIALS AND CONSTRUCTION METHODS SHOWN ON THESE PLANS HAVE SEEN FOLLOWED.

FILL SPECIFICATION:

FILL MATERIAL SHALL NOT CONTAIN PETROLEUM PRODUCTS OR SUBSTANCES WHICH ARE HAZAROOUS. DANGEROUS, TOXIC. OR WHICH OTHERWISE, VIOLATE ANY STATE, FEDERAL, OR LOCAL LAW, ORDINANCE, CODE. REGULATION RULE, ORDER OR STANDARD.

UTILITY NOTE:

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FLULY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT HAPPEN DUE TO THE CONTRACTOR'S FAILURE TO LOCATE EXACTLY AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. LISEE ASSUMES NO LIBITATY FOR THE LOCATION OF UNDERGROUND UTILITIES.

185TH ST. CT. E. (PUBLIC) 8X8 TS EGV

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH COUNTY STANDARDS AND THE MOST CURRENT COPY OF THE STATE OF WASHINGTON STANDARD SECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (WSDOT/APWA) AND AS AMENDED BY THE COUNTY OF THE STATE.

SHOULD THE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS SHOWN ON THIS DRAWING NOT PROVE ADEQUATE TO CONDICEROSION AND SEDIMENTATION. THE APPLICANTICONTRACTOR SHALL INSTALL ADDITIONAL FACILITIES AS NECESSARY TO PRO ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM PRAINAGE SYSTEMS

CALL THE UNDERGROUND LOCATE LINE 1-800-24-3555 A MINIMUM OF A HOURS PRIOR TO ANY EXCAVATIONS
THE STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED ACCORDING TO APPROVED PLANS ON FILE WITH THE COUNTY. ANY SIGNIFICANT
DEVIATION FROM THE APPROVED PLANS WILL REQUIRE WHITTEN APPROVAL FROM THE COUNTY.

A COPY OF THE APPROVED CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN AND STORMWATER PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS

6 ALL EROSION CONTROL AND STORWAYATER FACILITIES SHALL BE REGULARLY INSPECTED AND MAINTAINED BY THE DESIGNATED CERTIFIED EROSION AND SEDUENT CONTROL LEAD (CESCL) DURING CONSTRUCTION.

7 IT BHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN STREET USE AND OTHER RELATED OR REQUIRED FERMITS PRIOR TO ANY CONSTRUCTION ACTIVITY OF THE MUNICIPALITY SHORT-OF WAY, IT SHALL ALSO RE THE RESPONSIBILITY OF THE CONTRACTOR TO GRITAIN ALL REQUIREMENTS FOR TRAVESC CONTRACT. SHALL ABOUR BY ALL REQUIREMENTS FOR TRAVESC CONTRACT, SHALL ABOUR BY ALL REQUIREMENTS FOR TRAVESC CONTRACT, SHALL ABOUR BY ALL REQUIREMENTS FOR TRAVESC CONTRACT.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN THE EVENT OR DISCOVERY OF POOR SOILS, STANDING GROUNDWATER, OF SEVERE DISCREPANCIES FROM SOIL LOG DESCRIPTIONS AS NOTED ON THE PLANS,

FOR PUBLIC SYSTEMS, THE CONTRACTOR SHALL CALL FOR INSPECTION 48 HOURS PRIOR TO COVERING ANY DRAINAGE STRUCTURE 10. ALL DRAINAGE STRUCTURES, SICH AS CATCH ASSIS AND MARKIES, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITHIN A PERIMANENT RELEATION FACILITY SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERIMANENT RELEATION OF TENTION FACILITY SHALL HAVE SOLID CICKING LIDS.

GRADING QUANTITIES:

CUT = 772 C Y CUT ROAD SECTION = 848 C.Y FILL = 621 C Y NET CUT = 151 C Y

CLEARING LIMITS = 149,589 S.F. (3,43 AC)

GRADING VOLUMES ARE FROM EXISTING GRADE TO FINISHED GRADE AND MAKE NO ALLOWANCE FOR STRIPPINGS. GRAVEL OR ROAD SECTION MATERIALS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HIS OWN QUANTITIES FOR BIDDING PURPOSES AND SHALL NOT HOLD THE EMBINEER OR OWNER/DOVELOPER RESPONSIBLE FOR ANY ERRORS IN HIS BID QUANTITIES FOR EXCAVATION

DRIVEWAY DRAINAGE:

ALL DRIVEWAYS WILL FLOW ONTO THE ROADWAY (REFER TO STORM REPORT AND/OR FINAL PLAT FOR MORE DETAIL)

LOTS 1-16 WILL BE TIGHLINED TO STUB OUT (REFER TO STORM REPORT AND/OR FINAL PLAT FOR MORE DETAIL)

HORIZONTAL DATUM: WASHINGTON STATE PLANE SOUTH ZONE, 4602 (NAD 83/91) AS DEFINED BY PIERCE COUNTY PUBLISHED HORIZONTAL CONTROL NETWORK ALL DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

8 78TH AVE E PLAN & PROFILE & INFILTRATION TRENCH PLAN & PROFILE

2015-4Rs

SURVEY PERFORMED BY

DATE OF SURVEY: DECEMBER 19, 2019

WSPC SOUTH ZONE 4602 PER PIERCE COUNTY MONUMENT DATABASE

METHOD OF MONUMENT LOCATION WAS BY FIELD

FIELD EQUIPMENT USED THIS SURVEY

REFERENCE MATERIAL USED THIS SURVEY:

ROS FOR BLA AFN 201611285002 THIS SURVEY COMPLIES WITH THE STANDARDS AND

GUIDELINES OF THE "SURVEY RECORDING ACT" CHAPTER 55:09 RCW AND WAC 302-130.

SITE ADDRESS:

VERTICAL DATUM:

WASHINGTON SOUTH ZONE NAVD 86

2 FOOT CONTOURS

OWNER/DEVELOPER:

CONTACT: BRIAN POTUCEK PO BOX 731069

PUYALLUP, WA 98373 PHONE: 253-732-3792

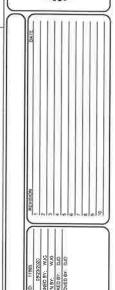
PROJECT DESCRIPTION:

PROJECT TO CONSIST OF 16 SINGLE FAMILY LOTS SERVED BY PUBLIC WATER AND ONSITE PRIVATE STORM & SEWAGE SYSTEMS. LOTS TO BE ACCESSED BY A PUBLIC ROAD AND SERVED BY PUBLIC STORM DRAINAGE.

FRONT YARDS SIDE YARDS

> BEFORE ANY CONSTRUCTION CONTACT: CALL BEFORE YOU DIG @ 1-800-424-5555







Dietrich Firs
Road & Storm |
Contact Brian Potucek
P.O. Box 731069
Pupallup, MA 98373
Phone: 253-732-3792

Sheet

DRAWING C1

SHEET 01 OF



LEROY SURVEYORS & ENGINEERS 68/23/20