



HEALTH OFFICER DECISION

HEALTH OFF
Application Type
Residential

Property Information
ORCHARD AVE SE Application Type: Building Site Application - Memo #: 74374

Tax ID #: 282302-4-049-2000

RP ACCT ID: 2636991 **Expiration:** 06/04/2023

Olalla WA 98359

Contractor of Record

Contractor Name: Contractor Phone #:

A+ ONSITE (360) 830-4765

Applicant

KING HOMES INC PO Box 547 Olalla WA 98359

Health Officer Decision for Onsite Sewage System

Approved (See Conditions Below)	Name of Inspector: Sam Ader	Date: 06/04/2020

Health Officer Decision for Water Supply

Approved (See Conditions Below)	Name of Inspector: Sam Ader	Date: 06/04/2020

- 1. The depression around the wellhead must be filled in with positive drainage away from the wellhead prior to the permit inspection by the Health District.
- 2. Iron and manganese exceeds the secondary maximum contaminant level (SMCL). Without water treatment, objectionable taste, staining, and/or odor will most likely occur.

Final Decision: Approved



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MAY - 5 2020

KITSAP PUBLIC HEALTH DISTRICT 345 6th Street, Suite 300 Bremerton, WA 98337 360-728-2235

BUILDING SITE APPLICATION

FOR WATER SUPPLY & ONSITE SEWAGE SYSTEM

Submittal Date	Memo Number	Review Fee	S.S.I.
MAY -5 2020	74374	\$1070	me_

essor Tax Account Number:			Property Size:	Lot Number:
282302-4-0 49-<i>10</i>00	Assessor Tax Account Number:			
PLICANT INFORMATION			223, 418 SqFt	
& Last Name		Phone Number:	E-Mail:	
King Homes, Inc		253.225.3694	kipperber	g@gmail.com
ing Address - Street, City, State, Zip Code:	50			
P.O. Box 547, Olalla, WA 983	59			
PLICATION GENERAL PROPOSAL				
plication Type:	Appli	cation Use Type:	Application V	Vater Type:
New	R	esidential	Public Wa	
Repair (no building permit needed)		Aulti-Family	Private Wa	ater (residential only)
Modification (building permit needed)	<u> </u>	ommunity		
Building Clearance withCompliance	1 —	ommercial	<i>[</i> -	APPRO
This is a Redesign (describe what is being	changeo) C	ok a building Clearance with Compila	ince (describe propos	al) - L
			LOK 21	EWAGE AND W
PLICANT/AGENT & DESIGNER ACKNO	OWLEDGE	EMENT		- "10 yy
· ·	_		Designer/	Engineer Stamp
tify that (1) the information contained in this application ication represents my intended use of this property; and	(3) any related	building permits for which I apply for will		Α
onsistent with the plans and specifications contained in				PO _D
nowledge and understand that I, along with my contract roval of this application and are responsible for conformi	ng to applicab	le Kitsap County Board of Health		^
nances and Washington State Department of Health regi		* *		
nowledge and understand that the design, location, and e critical and of a sensitive nature, and I agree to protect				
derstand that once this application is submitted and/or a			5	100413 100413
mation or conditions related to this plan may require a r cation, denial, or suspension of this application or a relat	ed building pe	rmit and that this application will fully	UCENS!	DOESIGNER
re within 3 (three) years and 30 (thirty) days from the orig	,	•	EXPIRES	18/28/20
derstand that I have the right to appeal the Health Office dations, and that approval of this application does not gu			Designer/Engineer C	ontact Phone Number:
			360.83	0.4765
licant/Agent Signature		Date	Designer/Engineer E	Mail Address:
- Tradic Accord Fr	anklin I	Clark (Agent) 03May2020	aplusonsi	ite@live.com

DRINKING WATER & ONSITE SEWAGE SYSTEM SPECIFICATION SHEET						Tax Account Number: 302-4-049-2000		
A. DRINKING WATER SUPPLY INFORMATION								
☐ Proposed	Public		System Name		System ID	System ID		
	Private			SSOR TAX ACCOUNT NUM				
Existing	Indi		Water Connection 1 (Parcel			n 2 (Parcel connected to Well)		
	2-Pa	rty	282302-4-0	48-2001	28230	2-4-049-2000		
B. SOIL EVALUAT	ION PROFIL	_ES						
Soil Evaluation Date	nn			MBERS MUST CORRELATE V				
09 April 202 Soil Log #			SOIL LOG #2	I, SOIL TYPES, WATER TABLE		SOIL LOG #4		
Downslope Side Meas			slope Side Measurements			<u> </u>		
0" - 6" Dark Brov		1	Dark Brown	0" - 9" Dark Bro	own			
Fine Sandy Loai 6" - 27" Medium			andy Loams (FSL) "Medium Brown	Fine Sandy Lo	ams (FSL)			
(FSL)	DIOWII	(FSL)	Mediain Brown	(FSL)	ili biowii	APDA		
27" - 51"Tan Sa	nds	23" - 4	1"Tan Sands	19" - 41"Tan S	ands FOD	Downslope Side Measurements APPROVED EWAGE AND WATER ONLY		
N/A" Restrictive	Vaver	N/A" R	estrictive Layer	N/A" Restrictiv	e Laver	EWACE ED		
30" Roots	/ *	28" Ro	• /	27" Roots	2.11	I'GE AND WAS		
			/	multer (a)	50	VATER ON		
- Soil Type: 4 - Load Rate: .6		1	Type: 4 - Soil Type: 4 - Load Rate: .6			VIVLY		
				- Load Nate0				
C. DAILY FLOW –								
DESIGNED MAX SEWAGE	FLOW	Type	Size (gal) QTY			MENT INFORMATION		
3 60	360 I				iced Treatment			
PROPOSED RESIDENTIAL E		☐ Trash Ta	nk manuacturer:					
3		Septic T	ank <u>1000</u> <u>1</u>	Model:				
iviaxim	um Bedrooms	D T.	ank 1000 1	Non-Proprietary Advanced Treatment				
PROPOSED TREATMENT L	EVEL	Pump i	ank <u>1000</u>	Device Type:				
TL E		Other						
D. DISPERSAL CO	MPONENT	CONSTRU	ICTION		1			
DISPERSAL COMPONENT		CONSTITU	-		1	TRENCH CONSTRUCTION PROFILE		
Hydraulic Loading			A. Slope in P	rimary <u>1 - 2</u> %				
Rate of Dispersal Area: .6		.6	E. Additional Cove	r Required 8 inche	A. Perce	A. Percent Slope in Primary: 1 - 2 %		
Minimum Dispersal	_					a -		
Area (Sq. Ft.) In Primary:600		0	D. Trench Width			mum Trench Depth:17inches		
Minimum Linear		30	(Downslope Side Measurements) B. Maximum		sope side incode cinetics,			
Feet or Dimensions:200		0	Dispersal Trench depth 17 inches		. I	ral Separation: 24		
DISTRIBUTION METHOD				/ ₩				
Gravity Distribution			Infiltrative Surface		D. Trend	th Width:36inches		
Pressure Distribution	n		Native Soil	C. Vertical				
☐ Drip Irrigation				Separation 24_inches		ional Cover Required: 8		
Other:		,	<u> </u>	,<,<,\∀		ional Cover Required: inches		
Restrictive Layer OR Highest Seasonal Water Table RECEIVED						CFIVED		

MAY - 5 2020

KITSAP PUBLIC HEALTH DISTRICT

Figure 1: Site Plan Requirements Checklist All site plans shall be clearly and accurately drawn to 1"=20', 30' 40' or 50' scale on paper no larger than 11" x 17" and must indicate all of the following information. For each item below, mark either "Shown" or "N/A" as appropriate for your project. This checklist must be completed and included on all site plans. A site plan without this checklist will be rejected and returned to the applicant for correction. Shown Parcel Number 282302-4-049-2000 A General Property Information: Tax ID Number and Property Address Property lines and dimensions Elevations of property and the direction of natural Slopes that exceed 15%, including any cut banks greater than 4' in height North arrow and site plan scale Marine waters, lakes and ponds and their associated high water lines Streams, creeks & wetlands and their associated buffer areas B Existing Property Improvements: Location of all existing structures, including the locations of existing structures on adjacent waterfront properties Location of all existing wells and their well radii, ☐ Including those wells on adjacent properties within 100' of property lines Location of all existing drainfields, including the 10' "No Build Zone" as well as the locations of existing drainfields on adjacent properties within 100' of any Location of existing drainage facilities, including all sub-surface infiltration systems Location of all existing and abutting roadways, driveways, easements, buffers and required open Location of all existing water, sewer and utility lines. C Proposed Property Improvements: Location and dimensions of all proposed structures or building envelopes in relation to property lines, Location of all proposed wells, including their 100' well radius and all water lines Location of all proposed septic tanks, pump tanks, pre-treatment units, and drainfields, including the 10' Location and dimensions of all proposed drainage and infiltration systems (I-Pits) Location, dimensions, surfacing materials, and

■ □ clearing limits of all proposed parking areas,

Location of all proposed water, sewer and utility

driveways, sidewalks, & road appr's.

Area Map

SE Mullinex Rd

Orchard Ave SE

XXXX Orchard Ave SE



County Review

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KITSAP PUBLIC **HEALTH DISTRICT**

Designer's Stamp



A + Onsite, LLC Commerical & Residential Septic Design

P.O. BOX 1954, SILVERDALE TEL. 360.830.4765 aplusonsite@live.com

SITE PLAN

Owner Name: King Homes, Inc. Original Submission Date: 25 April 2020

ADDRESS: XXXX Orchard Ave SE Olalla, WA, 98359

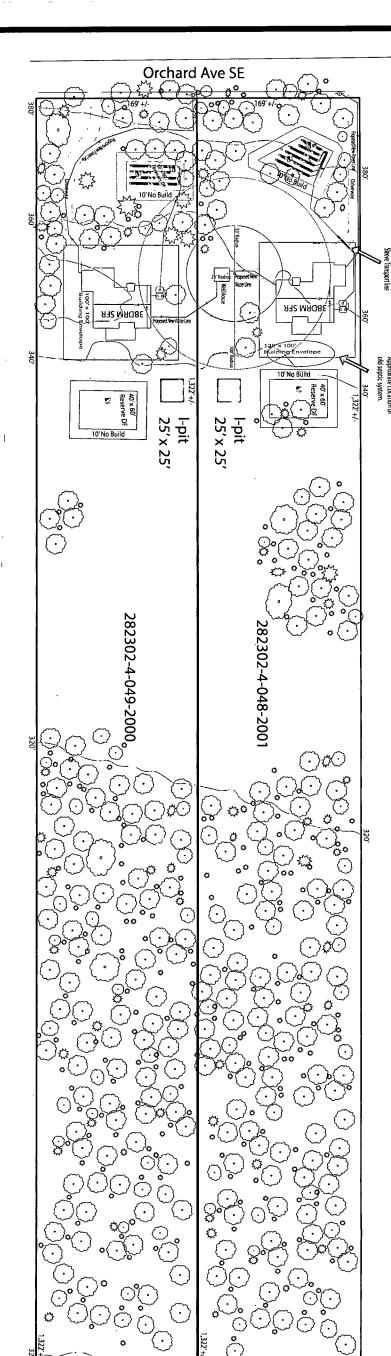
TAX I.D.:

282302-4-049-2000

REV: Submission Date:

ATTENTION PROPERTY OWNER -Carefully review ALL aspects of this septic design. ANY costs incurred due to changes to this design after submission to the local Health Juristiction and to the Department of Community Developement are the sole responsibility of the property

NOTE - PRESCRIPTIVE FLOW CONTROL MEASURES ARE TO BE DESIGNED BY LICENSED INIVIDUALS IAW APPLICABLE STATE AND LOCAL CODES. THE DEPICTION OF THE I-PIT ON THIS SEPTIC DESIGN IS FOR ILLUSTRATIVE AND PLANNING PURPOSES ONLY AND SHALL NOT BE CONSTRUED AS A FINAL SOLUTION TO STROM WATER MANAGEMENT.



FOR SEWAGE AND WATER ONLY

purposes only.

Approval is for 282302-4-049-2000 only Other lot shown for overview and well

A + Onsite, LLC Commerical & Residential Septic Design

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282302-4-049-2000

REV: Submission Date:

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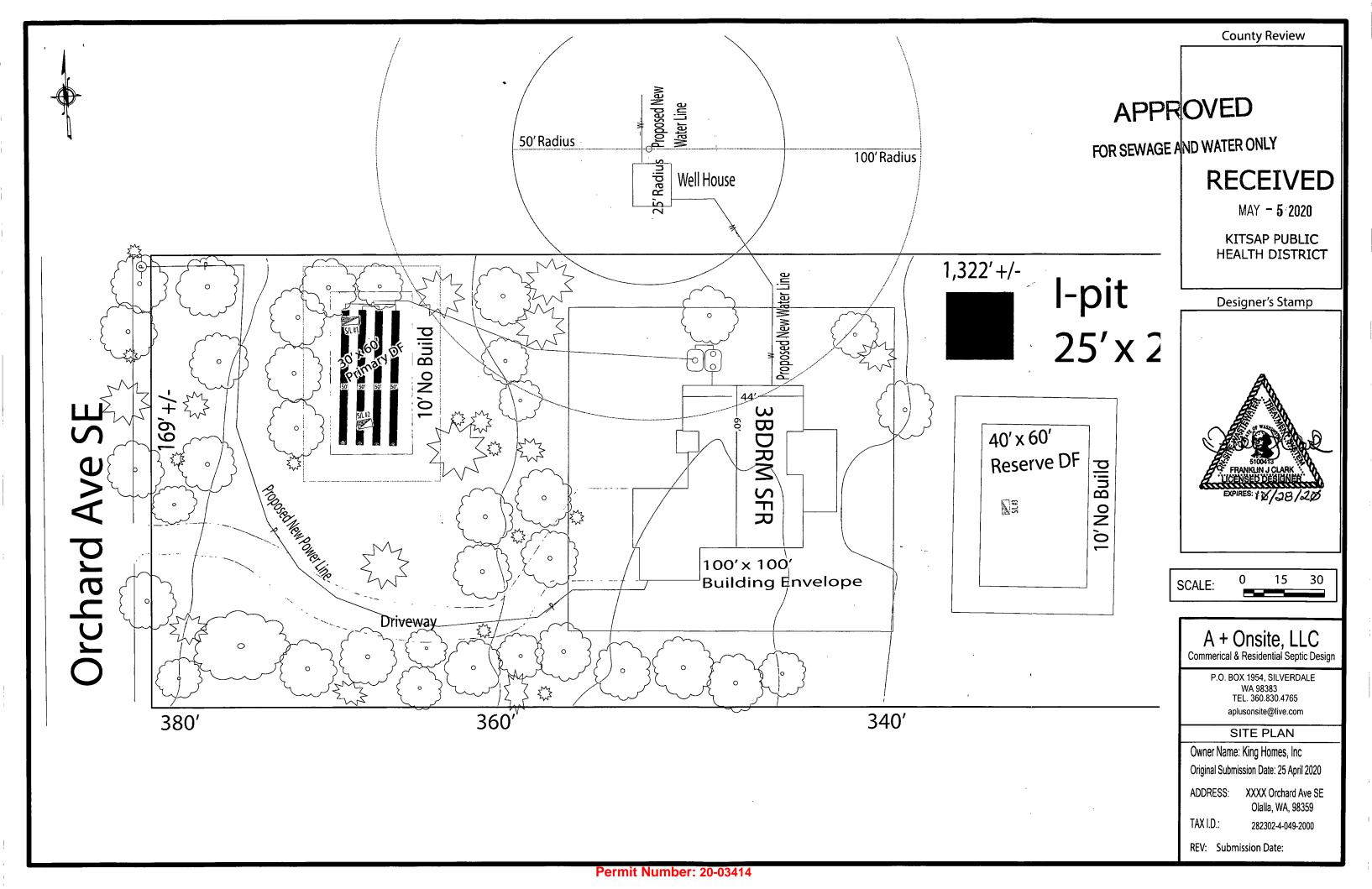
KITSAP PUBLIC HEALTH DISTRICT

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MAY - 5 2020

County Review

This Is Not A Survey



General Construction Notes

General

- 1. All workmanship and materials used for the installation of this Septic System must meet Washington State Department of Health and Local Health Jurisdiction code.
- 2. A Pre-Construction meeting shall be held with the Designer, prior to the start of the system installation.
- 3. A final system inspection is required to be performed by the designer, prior to system cover. The installation company shall provide a "Red Line" drawing to the designer for this inspection.
- 4. A "Small/Critical Lot" Inspection and Letter of Approval are required for lots smaller than 12,500 SqFt in size or any lot where restrictive site conditions dictate. The "Small/Critical Lot" inspection will be required at the time of foundation staking or construction.
- 5. A + Onsite, LLC shall be notified prior to the Drain field installation between the months of October and April for wet weather installation approval.
- 6. The designer shall be notified a minimum of (5) days in advance of any required inspections of the system. Please contact A + Onsite, LLC at 360.830.4765 or Email: aplusonsite@live.com to schedule all meetings and inspections.
- 7. Locations of existing utilities shown on the site plan are as accurate as possible. However, the installer shall verify all utility locations prior to system installation by calling the underground locate line "811" or visiting http://www.call811.com for more information.
- 8. Erosion control measures shall be taken by the installer during construction to prevent infiltration of existing and proposed stormwater drainage facilities and roadways.
- 9. Any changes to this septic design shall be reviewed and approved by A + Onsite. LLC and Local Health Jurisdiction.
- 10. It is the responsibility of the installer to have an approved copy of the septic design on site during construction of the system.
- 11. The Per Cover Inspection of the system shall not relieve the installer of the responsibility to correct any deficiencies and/or system failures as determined by subsequent testing and inspections. It shall be the installer's responsibility to notify A + Onsite, LLC and the Local Health Jurisdiction when all corrections are complete.
- 12. If the installer encounters any discrepancies between the Design, Calculations, Specifications, and/or Existing Conditions, the installer shall notify A + Onsite, LLC prior to continuing with the installation by calling 360.830.4765.
- 13. The Septic Design/Site Plan is "NOT A SURVEY", it is recommended that the Owner/Contractor has the subject property surveyed. This design is intended to be used as an aid in identifying the Topographic features of the subject property for the purposes of the septic system design only.

- 14. Installer shall locate all water features and the all wells location prior to commencing the septic system installation. To ensure minimum setbacks are met.
- 15. It is the responsibility of the Owner/Contractor to locate and stake the house corners and well location, prior to the installation of the septic system.
- 16. Type 4 6 soils must be installed in dry weather conditions.

Sewer lines

- 1. Use only PVC 3034 sewer pipe.
- 2. Sleeve all road, water, and stormwater crossing, where sewer/transport lines cross and/or a water line comes within 10 feet of a sewer line.
- 3. Use PVC primer and PVC Glue on all connections.
- 4. Install on native soil or well compacted soil to avoid settling.

Septic Tank(s)

- 1. Use Concrete Septic Tank or Polyurethane Septic Tank on State Approved List only.
- 2. Tanks must be water tight, with Access Risers brought to surface, buried a minimum 6" below grade with a minimum of 6" of tank top cover and a maximum 36" depth below grade to the top of the tank.
- 3. Bed Septic tanks with gravel as needed, ensuring that each tank is level when installed.

Drain field

- 1. Protect primary and reserve drain field areas from any vehicle traffic.
- 2. No foundation spoils or spoils of any kind or burning in the drain field area is permitted.
- 3. Direct all downspout/surface water away from drain field areas.
- 4. If drain field laterals are depicted, they are approximate and may vary provided they remain in the delineated drain field area.
- 5. Maintain a minimum 30' setback downslope and a 50' upslope of I-pits, and other flow control measures/components.
- 6. Seed and mulch shall be applied immediately upon completion of final drain field cover.
- 7. Installer must provide a soil log/soil profile hole on upper & lower end of drain field.
- 8. Lateral Leg trenches MUST BE RAKED prior to the installation of gravel less chambers.
- 9. No smearing of drain field trench to occur during installation.
- 10. Inspection ports should be installed such that they are not loose.
- 11. Cuts greater than 4' Feet in height are not allowed within 50' down slope of any drain field.

- 12. Use caution to not remove soils when clearing the drain field.
- 13. Depending on the final house elevation, a pump tank may be required.
- 14. Due to unseen water table a curtain drain may be required.
- 15. Depending on the type of ATU used a trash tank may be required.
- 16. Laterals legs are to be installed pre the approved design and may be installed no closer than 5' on center unless otherwise indicated and approved.
- 17. I-pits and other stormwater flow control measures are shown on this design only as a reference and have not been designed by a licensed individual.
- 18. Prescriptive flow control measures are to be designed by licensed individuals IAW State and Local County Code.
- 19. The use of these plans and specifications is restricted to the original site for which they were prepared and publication is expressly limited to such use. Re-use, Reproduction, or Publication by any method is prohibited. Title to the plans and specifications remains with them constitutes Prima Facie Evidence of the acceptance of these restrictions.
- 20. The system must be installed as designed. Any substitutions or changes must have prior approval of the Designer.

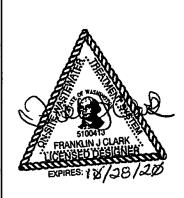
County Review

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KITSAP PUBLIC HEALTH DISTRICT

Designer's Stamp



A + Onsite, LLC Commerical & Residential Septic Design

P.O. BOX 1954, SILVERDALE WA 98383 TEL. 360.830.4765 aplusonsite@live.com

SITE PLAN

Owner Name: King Homes, Inc Original Submission Date: 25 April 2020

ADDRESS: XXXX Orchard Ave SE

Olalia, WA, 98359

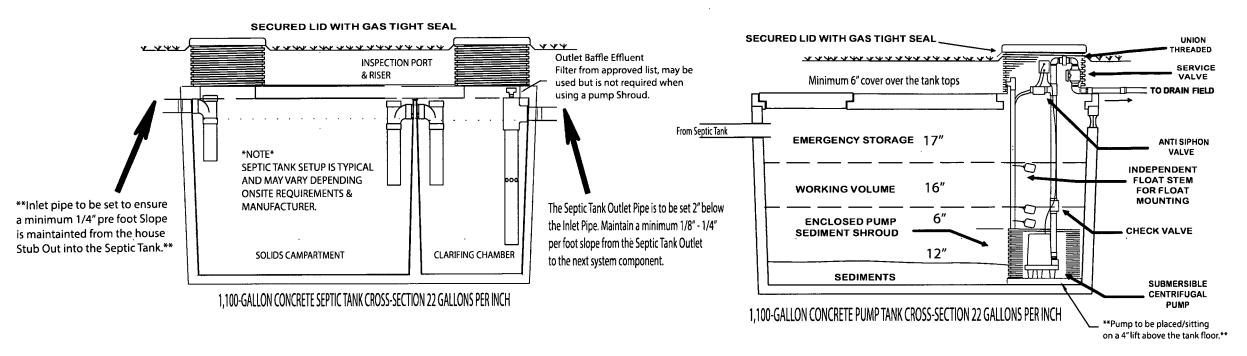
282302-4-049-2000

TAX I.D.:

REV: Submission Date:

ILV. JUDITIISS

Components on this page are not to scale and are shown as representation only. Like and Equivalent Products listed on the DOH 337-024 "List of Registrated On-site Treatment and Disribution Products" list may be substituted with the prior approval of the On-site Wastewater Treatment System Licensed Designer of Record.



Lateral Pipe Length - Total	200'
Ratchet Valve	N/A
Lateral Pipe Length - Pre Side	N/A
Lateral Maximum Length	. 40′
Lateral Line Diameter	. 1"
Lateral Spacing	5 O.C.
Lateral Line Pipe (Schedule-Class)	40
Manifold Line Pipe Type (Schedule-Class) - (if applicable)	40
Manifold Length - (if applicable)	. 10'
Manifold Line Diameter – (if applicable)	2"
Transport Line Pipe Type (Schedule-Class)	SCH 40
Transport Line Length	100'+/-
Transport Line Diameter	2"

Dosing Information:	
Orifice Spacing (inches)	48"
Total Orifices	52
Orifice Diameter	1/8
Total Dose Volume (gallons)	360
Number of Doses Per Day	12
Size of Pump Tank (gallons)	1100
Pump Information:	

Pump Information:	
Residual Lateral Head (Squirt Height)	5
Pump Capacity (GPM)	22.7 GPN
Total Dynamic Head (TDH)	12.4'TDH
Effluent Pump: Orenco Systems Liberty 280, 1/2F	1P

Pump Capacity = (orifice discharge rate) x (number of orifices) 0.434 GPM x 52 orifices \approx 22.7 GPM

Discharge + Transport Pipe + Distribution VIv + Manifold Assy Elevation difference + Laterals + Flow Mtr + Max Elevation + Residual Head at Last Orifice = (TDH) $1.0' + 1.0' + 0.0' + 0.0' + 0.0' + 0.0' + 5.0' + 5.0' \approx 12.4'$

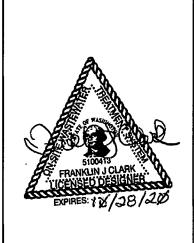
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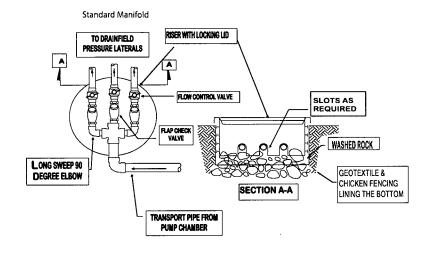
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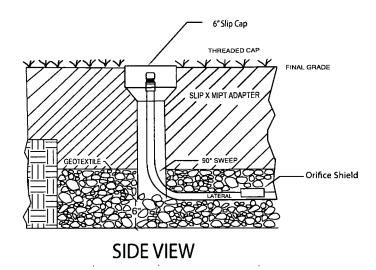
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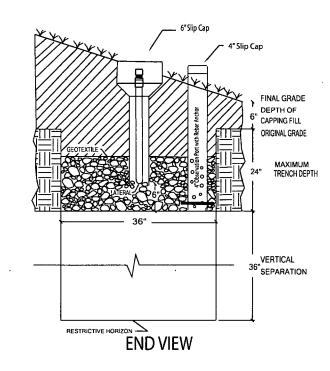
Olalla, WA, 98359 282302-4-049-2000

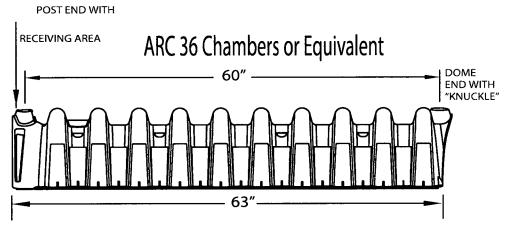
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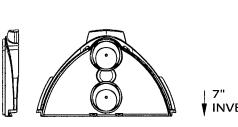
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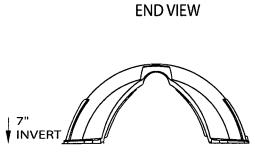


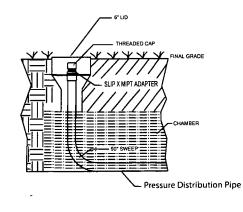












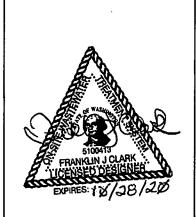
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> > SITE PLAN

Owner Name: King Homes, Inc Original Submission Date: 25 April 2020

ADDRESS: XXXX Orchard Ave SE

Olalla, WA, 98359

TAX I.D.: 282302-4-049-2000

REV: Submission Date:

X

PRIVATE WATER SUPPLY DESIGN

System Designed for King Homes, Inc	located at (property						
address or legal description) 282302-4-048-2001 / 282302-4-049-2000 10631 Orchard Ave SE							
This design if for (check one) Single Family Residence OR Two-Party Prive Well							
Source Pump: Pump rate 1 gpm. If less than the required daily production of 400 gpd for a two-party private supply, the booster p							
Required Pump head: Well head							
(S.W.L. + Drawdown) <u>77.7</u>	Pump Selected: Attach p	ump curve/table					
System elevation -	Type, e.g., Goulds	Goulds					
Headloss	Horsepower	1/2					
Residual (30psi) 70	Model Number	10cs05					
Total: pumps to storage res	Depth of pump setting	80					
Booster Pump: If the capacity of the water sup for a single-family residence, or 800 gpd for a two the storage reservoir section. Z × 400 gaves Booster pump rate Required pump head Headloss Residual (30 psi) Total:	vo-party private supply, cor	nplete this section as well as Hough Lourway S.					
Storage Reservoir: Must be completed if a boo	oster pump is required.	and the state of the state of					
Single family residence: 400 gallons ur	nless otherwise documente acturer's specifications.	d. JUN 01 2576					
	nless otherwise documente acturer's specifications.	d. (OTSAFTUBIL) COMBARAGA					
Pressure Tank: Selected tank size 119 gallo	ons.						
One gallon of working storage per one gpm pur working or usable storage witch computes to a pump is required, size the pressure tank accordi	19-gallon (total volume) pr	essure tank. When a booster					

Distribution System:

Service	Pipe Type	Pipe diameter	Pipe length	Peak flow	Headloss per 100 ft.	Headloss in feet
1	poly	1	300	7 gpm	2.6	8
2	poly	1	300	7 gpm	2.6	8
Comple	eted by:	arey])auis		Date: 5 / 2	8/2020

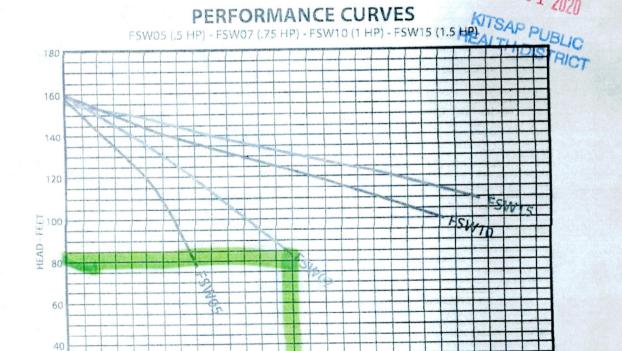
P.O. Box 1815 Fort Worth, TX 76101-1816 E-mail: sales@flowisewater.com www.flowisewater.com



25

20

			Pum	p Performano	e (Gallo	ns pe	Minu	te) 1	: 138 138 138			
Model	LID	Motor	Pressure	Discharge Pressure		Su	ction L	ift		Shut-Off Pressure	Shipping	
Number	I HP I SWITCH	(PSI)	5'	10′	15'	20′	25'	(PSI)	Weight			
				30	9.7	8.3	7,4	5.9	4.3			
FSW05	3/2			40	7.9	7.2	6.4	5.6	4.1		44	
				50	4.5	3.8	3.1	2.7	1.8	70		
				30	15.0	13.0	11.6	8.7	6.9			
FSW07	34				40	12.5	11.4	10,1	8.2	6.8		47
			30/50	- 50	8.0	6.8	6.1	4.8	3.5			
		115/230V	Square D	30	21.4	19.1	16.5	13.3	9.5			
FSW10	1			40	20.8	18.7	15.8	13.2	9.3		66	
	18.7			50	13.5	11.6	10.1	7.4	2.4	67		
and the second second			2	30	28.5	25.0	21.4	17.4	12.6	-		
FSW15	114			40	28.3	24.4	21.0	17.2	12.3	RECE	69	
				50	21.5	18.3	10.9	3.1	1.6	· Comment	VED	



15 FLOW - GPM

20

Davis Drilling, Inc.

340 NE Davis Farm Rd Belfair, WA 98528 275-5367

Test pump for: King Homes

Project: 10631 Orchard Ave SE

May 15, 2020

****Discharge line fitted with 1 gpm flow restrictor****

Pump:

1/2 hp

Static Level:

60.2'

<u>Draw</u>	<u>/ Do</u>	<u>own</u>

<u>Draw Down</u>			
Time	Water	Flow	GPM
	Level		
0 min	60.2'		0
5 min	77.5'		4
1hr	77.7'		1
2hr	77.9′		1
3hr	77.7′		1
1 hr	77.7′		1
2 hr	77.8'		1
3 hr	77.7′		1
4 hr	77.7'		1
5hr	77.8		1
6hr	77.7		1
7 hr	77.8		1
8 hr	77.7		1
9 hr	77.7		1
10 hr	77.7		1
11hr	77.7		1
12 hr	77.7		1
13 hr	77.7		1
15 hr	77.7		1

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ROTS AP PUBLIC

MEALTH DISTRICT

Davis Drilling, Inc.

340 NE Davis Farm Rd Belfair, WA 98528 275-5367

Recovery

Time	Water Level
0 min	77.7
1 min	75.4'
2 min	73.4
3 min	72.2'
4 min	71.9′
5 min	· 71.5′
10 min	66′
30 min	60.2'



1786 SE Mile Hill Dr. Port Orchard, WA 98366 (360) 443-7845

SPECTRA Laboratories - Kitsap

....Where experience matters

Kitsap 5

System ID No:		System Group Type:	Private
Sample Number:	225-13001	System Name:	10631 Orchard Ave SW
Sample Location:	Source	County:	Kitsap
		Sampler:	Lacey
Source Number(s):	S01 ⁻	Sampler Phone No:	
Sample Purpose:	Other	Date Collected:	4/10/2020
Sample Composition	n: Single Source	Date Received:	4/10/2020
Sample Type:	DW: Untreated	Date Reported:	4/24/2020
Send Report to:	•	Bill to:	
340 NE Davis Farm Road .340		Davis Drilling 340 NE Davis Farm F Belfair, WA 98528	Road

DOH#	Analyte	Results	Qual.	Units	SDRL	PQL	Trigger	MČL	Exceeds MCL	Method	Analyst	Analysis Date
0020	Nitrate-N	1.5		mg/L	0.5	0.5	5	10.0		S.Easy(1-Reagent)	SK	4/10/2020
0008	Iron	3.7	***	mg/L	0.1	0.1	-	0.31	YES	EPA 200.7	118	4/16/2020
0010	Manganese	0.11		mg/L	0.01	0.001		0.051	YES	EPA 200.7	118	4/16/2020
0021	Chloride	ND	_	mg/L	20	1.0		250¹		EPA 300.0	010	4/4/2020
0016	Conductivity	120		µmhos/cm	70	70		700		SM 2510 B	010	4/17/2020

NOTES:

Sample Number: 113130-01

*Confirmation SDRL:

Include the original lab number, sample number, and collection date of original sample in either lab or sampler comments section.

(State Detection Reporting Limit) The minimum reportable detection of an analyte as established by the department.

Trigger Level:

DOH drinking water response level. Systems with compounds detected at concentrations in excess of this level may be required to take

MCL:

additional samples or monitor more frequently. Please contact your DOH drinking water regional office for further information. (Maximum Contaminant Level) If the contaminant amount exceeds the MCL, please contact your regional DOH office to determine follow-up actions.

NA:

(Not Analyzed) In the results column, indicates this compound was not included in the current analysis.

ND:

(Not Detected) In the results column, indicates this compound was analyzed and not detected at a level greater than or equal to the SDRL.

< (0.00x):

The compound was not detected in the sample at or above the concentration indicated (usually the lab method reporting limit).

mg/L:

milligrams per liter or parts per million.

NTU:

nephelometric turbidity units (a measure of water clarity).

µmhos/cm:

Micro ohms per centimeter (a measure of the ability of the water to conduct electricity). One micro ohm per centimeter is equivalent to one micro

siemen per centimeter (uS/cm). No existing trigger or MCL value.

1:

Secondary MCL (Established for aesthetic purposes, not health based).

Lab Qualifiers Comments:

010: Analysis performed by Spectra Laboratories-Kitsap, LLC Lab-Sample#: 010-09601

118: Analysis performed by Spectra Laboratories, LLC Lab-Sample#: 118-39275

113130-01

1786 SE Mile Hill Dr. Port Orchard, WA 98366 (360) 443-7845

SPECTRA Laboratories - Kitsap

...Where experience matters

Kitsap 5

System ID No:		System Group Type:	Private		
Sample Number:	225-13001	System Name:	10631 Orchard Ave SW		
Sample Location:	Source	County:	Kitsap		
		Sampler:	Lacey		
Source Number(s):	S01	Sampler Phone No:			
Sample Purpose:	Other ·	Date Collected:	4/10/2020		
Sample Composition:	Single Source	Date Received:	4/10/2020		
Sample Type:	DW: Untreated	Date Reported:	4/24/2020		
Send Report to:		Bill to:			
Davis Drilling		Davis Drilling			
340 NE Davis Farm Road		340 NE Davis Farm R	340 NE Davis Farm Road		
Belfair, WA 98528		Belfair, WA 98528			

Approved By

Jacobs Danaldson

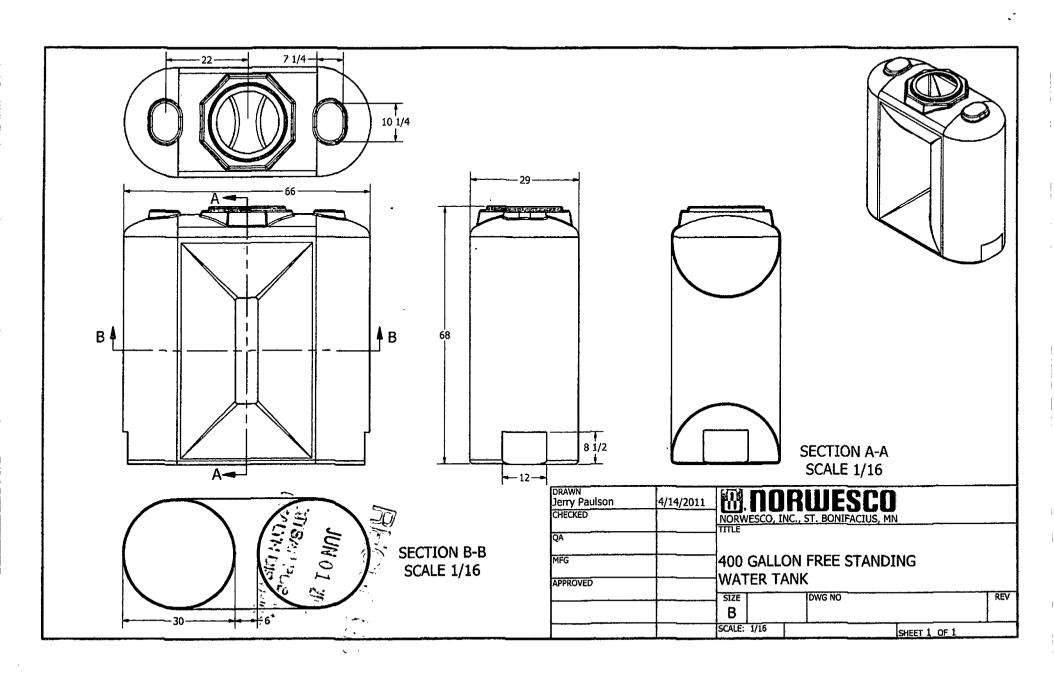
Jessica Donaldson
Laboratory Manager

PECEIVED

JUN 01 2020

ROTSAP PUBLIC

MEALTH DISTRICT



SPECTRA Laboratories - Kitsap ...Where experience matters

Spectra Laboratories - Kitsap, LLC

1786 SE Mile Hill Dr.
Port Orchard, WA 98366
Phone: (360) 443-7845
JessicaD@spectra-lab.com
www.spectra-lab.com

Spectra Laboratories - Kitsap, LLC received samples from Davis Drilling on Friday, May 29, 2020 at 11:58 am. Unless otherwise noted, all samples were received in good condition and were tested in accordance with the laboratory's quality control procedures. A summary of the samples received are outlined below.

Sample No.DescriptionLocationSampled113910-01Josiah - OrchardSource05/28/2020 18:00

This report package contains laboratory sample results and any attachments listed below. If you have any questions please call (360) 443-7845 or email us at JessicaD@spectra-lab.com.

Attachments

01) Bacteria



06/01/2020

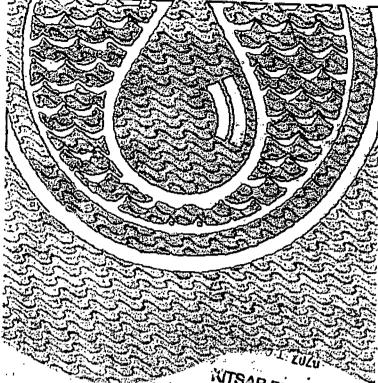
Page 1 of 1

SPECTRA Laboratories - Kitsap

1786 SE Mile Hill Drive Port Orchard, WA 98366 www.spectra-lab.com (360) 443-7845

COLIFORM	BACTER	ΙΔ. ΔΝ:	ALYSIS FORM
Date Sample Collected	Time Se		
Tompina	Collec	tad	County
101/18/10	60	, □AM	11/2/
Month Day Year	<u> </u>		1 MUSSIN
Type of Water System (check or	nly one box)		<u> </u>
☐ Group A	Group B	Test Test	, . Other
Group A and Group B Systems	- Provide from	Water Fed	litigo Javanton, ONCO.
. ID#		******	ingo uracitorà (AALI):
System Name:		_ ~	- , · r
	iaM-	=()	rchard
Contact Person:			
Day Phone:		.Cell Pho	me; 360801-6117
Email Louisa	willing:	∜!Eve.Ph	orie:
Send results to: (Print juli name, addr	SES and 210 code	ore-mail)	
7,00			
1 Daily	<u> </u>	7 11 1	N.CA:
AND THE RESERVE OF THE PARTY OF	Wobe Ne		CONTRACTOR CONTRACTOR
Someto and the state of the sta	micke nife	AKMWIN	
Sample collected by (name):	acu	/	
		-, -	
Specific location where sample co	Rected:	Speci	ial instructions or comments:
Source.	•	1	•
Type of Semple (charling)	ACCOUNT OF STREET		
Type of Sample (check only one	UOX)	4.33	
1. Routine Distribution Samp		2. Repeat S	ample (after unsat, routine)
Chiorinated: Yes No	1 1	D Distrib	ution System
Chlorine Residual: Total F	nee (een		
3. Source Ground Water Rule Sar	nolo	Ottodublat	ctory routine lab number:
	ine .	44 11:4	
3	1	Unsatistad	dory routine collect date:
1_			
Triggered		Chlorinate	d: Yes L No L
Assessment	}	Chlorine R	esidual: TotalFree
4. Enumeration Source Water Sample			
		_	m' s
	, Springs: Fillered '	Yes L. Ho	L. benedered
5. Sample Collected for Informatio			
-93 BAR USE ONLY DRINE	ING WATE	RRESI	Te Control
Unsatisfactory Total Collorn			10
E coll present	DEcorate		Satisfactory
Replacement Sample Required:	Louidi	9	
Companie Sample Required:			
Sample too old (\$30 hours)	TNTC		
Bacterial Density Results: Total Col	7		
		/100	Imi Ecol 100ml
Fecal Collionn	100m1	HPC	/I-ml A A
Lab ID Number],	Data and Ta	me Received:
11001		MAY	29 2020 159
Method Code:		Orto and The	
SM:9223-B	1	Date and Tar	A-paragrad 2020
Date Ahalyzed:		<u> </u>	
5/30/1	\mathcal{D}	Date Report	*101.100
Politica:			WIII W
DOH Lab Sample		Lab Use Ont	人
2223 LL () () L	·		27. 人名英格兰克克

DON Form \$031-019 (effective 0415) - il you need this public This and other cubiculians are available at wew sigh and con-



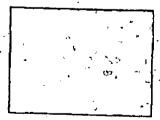
Coliform Distribution System

Step One

Avoid poor sample sites such as swivel fancets, hot and cold mixing faucets (with a single lever), leaky or spraying faucets, drinking fountains, janitorial sinks, frost-free hose bibs, and faucets below or near ground level.

Step Two

Remove any attachments from the faucet, including aerators, screens, washers, hoses and water filters. If you choose to disinfect the sample site prior to sample collection, be sure to flush thoroughly to remove all disinfectant.



Step Three

Turn on the cold water only and let it run with a steady stream for at least five minutes. Before collecting the sample, turn the water down to a thin stream and let the water run for one minute. If they system is chlorinated, measure the free chlorine and note the measurement on the labslip.

Step Four

There may be some liquid or powder in the sample bottle to remove chlorine. Do not rinse it out.

Step Five

To avoid contamination while taking the sample, hold the bottle near the bottom with one hand and hold the top of the cap with the other. Now unscrew the cap.

DONOT set the cap down, touch any part of the cap that fouches the bottle or let anything touch the rim of the bottle or inside the cap.

Step Six

Hold the bottle under the stream of water, be careful not to let the bottle touch the sample tap. Fill the bottle to the indicated fill line, do not allow it to overflow. Remove the bottle from the water flow and secure the cap.

Step Seven

Complete the lab slip. Note anything unusual about the sample collection.

Step Eight

Secure the lab slip to the bottle with rubber band. Deliver the sample to Centric Analytical Labs as soon as possible.

FIDELITY NATIONAL TITLE 202005270208

Water Agreement Rec Fee: \$106.50 05/27/2020 04:30:25 PM Page 1 of 4 Paul Andrews, Kitsap County Auditor

Return To: Davis Drilling 340 NE Davis Farm Rd Belfair, Wa 98528

W0014416

Declaration of Water Use Agreement
Orchard Avenue SE Water System
Private 2 Party



The well and water system being situated on

Parcel # 282302-4-049-2000

Section 28 Township 23N Range 2E SE1/4 NW1/4 - 1/4

Orchard Avenue SE Olalla, Wa 98359

has been designated to serve a source of water to the following parcels situated in Kitsap County, State of

Washington; herein described:

Parcel # 282302-4-049-2000

Section 28 Township 23N Range 2E SE1/4 NW/1/4-1/4

Orchard Avenue SE Olalla, Wa 98359

&

Parcel # 282302-4-048-2001

Section 28 Township 23N Range 2E SEW/NWW-

10631 Orchard Avenue SE Olalla, Wa 98359

Grantor: Josiah Kipperberg, on behalf of King Homes Inc. Grantee: Josiah Kipperberg, on behalf of King Homes Inc.

OWNERSHIP OF WELL AND WATERWORKS

It is agreed by the parties that each of said parties shall be and is hereby granted an undivided one-half interest in and to the use of the well and water system. Each Party shall be entitled to receive a supply of water for one residential dwelling and shall be furnished a reasonable supply of potable and healthful water for domestic purposes.

COST OF MAINTENANCE OF WATER SYSTEM

Each party hereto covenants and agrees that they shall equally share the maintenance and operational costs of the well and water system herein described. An annual utility fee shall be paid by the owner(s) of

Parcel # 282302-4-048-2001

Section 28 Township 23N Range 2E SE' NW' - 1/4

10631 Orchard Avenue SE Olalla, Wa 98359

to the owner(s) of

Parcel # 282302-4-049-2000

Section 28 Township 23N Range 2E SE' NW' - 1/4

Orchard Avenue SE Olalla, Wa 98359

of \$100 to cover all electrical utility and maintenance costs. This fee shall be determined annually and be revisited and agreed upon by both parties at the beginning of each year. The expense of water quality sampling as required by the State of Washington and Mason County shall be shared equally by both parties. The parties shall establish and maintain a reserve account at a mutually agreed upon banking institution. Each party shall be entitled to receive an annual statement from said banking institution regarding the status of the reserve account. The monetary funds in the reserve account shall be utilized for the sole purpose of submitting water samples for quality analysis and maintaining, repairing or replacing the well and components to complete and maintain a properly functioning water system and appurtenance thereto.

NOTICE TO FUTURE PROPERTY OWNERS

The water system is designed to provide for two services. Additional planning and design approvals must be obtained from the local health jurisdiction prior to expanding beyond this number of services. Design flow standards account for domestic use and watering of a typical lawn and/or garden space only. The design assumes that all residences will be equipped with ultra low flow plumbing fixtures and that all users will keep conservation in mind whenever the system is used. Additionally, a water right, obtained from the Department of Ecology, is required if the water system exceeds exemption standards. This system has not applied for or been granted any waivers from specific provisions of the regulations.

EASEMENT OF WELL SITE AND PUMPHOUSE

There shall be an easement for the purpose of installing, maintaining and repairing the well, distribution and water system components to complete and maintain a properly functioning water system and appurtenance thereto, within 100 feet of the well site in any direction. Said easement shall allow the installation of a well/pump house, pumps, water storage reservoirs, pressure tanks, waterline and anything necessary to the operation of the water system.

MAINTENANCE AND REPAIR OF DISTRIBUTION/LINES

All pipelines in the water system shall be maintained so that there will be no leakage of seepage, or other defects which may cause contamination of the water, or injury, or damage to persons or property. Cost of repairing or maintaining common distribution pipelines shall be borne equally by both parties. Each party in this agreement shall be responsible for the installation, maintenance, repair, and replacement of pipe supplying water from the common water distribution piping to their own particular dwelling and property. Water pipelines shall not be installed within 10 feet of a septic tank or within 10 feet of sewage disposal drainfield lines.

PROHIBITED PRACTICES>

The parties herein, their heirs, successors and/or assigns, will not construct, maintain or suffer to be constructed or maintained upon the said and within 100 feet of the well herein described, so long as the same is operated to furnish water for public consumption, any of the following: septic tanks and drainfields, sewer lines, underground storage tanks, county or state roads, railroad tracks, vehicles, structures, barns, feeding stations, grazing animals, enclosures for maintaining fowl or animal manure, liquid or dry chemical storage, herbicides, insecticides, hazardous waste/or garbage of any kind.

The parties herein, their heirs, successors and/or assigns are required to keep the water supplied from said well free from impurities which might be injurious to the public health. It is the purpose of these grants and covenants to prevent certain practices hereinafter enumerated in the use of said grantor(s) land which might contaminate said water supply.

Exhibit A NOW, THEREFORE, the grantor(s) agree(s) and covenant(s) that said grantor(s), his (her) (their) heirs, successors and assigns will not construct, maintain, or suffer to be constructed or maintained upon the said land of the grantor(s) and within fifty (50) feet of the well herein described, so long as the same is operated to furnish water for public consumption, ANY POTENTIAL SOURCE OF CONTAMINATION INCLUDING BUT NOT

LIMITED TO: cesspools, sewers, privies, septic tanks, drainfields, manure piles, fenced pasture, garbage of any kind or description, any enclosure or structures for the keeping or storage of non biodegradable fertilizers, liquid or dry chemicals, herbicides or insecticides as well as any enclosures or structures for the keeping or maintenance of fowl or animals such as barns, chicken houses, rabbit hutches, pigpens, livestock sheds, and further agree(s) not to use, apply, dispose or suffer to be used, applied or disposed, non biodegradable fertilizers, any liquid or dry chemicals, herbicides or insecticides within the above described protective radius. These covenants shall run with the land and shall be binding on all parties having or acquiring any right, title, or interest in the land described herein or any part thereof, and shall inure to the benefit of each owner thereof.

WATER SYSTEM MANAGER

The owner of Parcel # 282302-4-049-2000 Section 28 Township 23N Range 2E SE½ NW½ ½ Orchard Avenue SE Olalla, Wa 98359 is the designated "Manager" of the system. The manager-shall be responsible for arranging submission of all necessary water samples as required in the Washington Administrative Code, and Kitsap County Rules and Regulations and handling emergencies such as system shutdown and repair. The Manager shall provide his/her name, address and telephone number to the Health Officer and shall serve as a contact person to the Health Officer. The manager shall organize and maintain the water system records and notify the Health Officer and all parties, service connections and lots that are included in this agreement, of the water quality tests that are required by WAC 246-291 and Kitsap County Rules and Regulation. Water system records shall be available for review and inspection by all parties in this agreement and the Health Officer.

HEIRS, SUCCESSORS AND ASSIGNS

These covenants and agreements shall run with the land and shall be binding on all parties having or acquiring any right, title, or interest in this land described herein or any part hereof, and it shall pass to and be for the benefit of each owner thereof.



ENFORCEMENT OF AGREEMENT ON NON-CONFORMING PARTIES AND PROPERTIES

The parties herein agree to establish the right to make reasonable regulations for the operation of the system, such as termination of services if bills are not paid within 45 days of the due date, additional charges for disconnection, reconnection, etc. Parties not conforming with the provisions of this agreement shall be subject to interest charges of 18% per annum together with all collection fees.

State of Washington,
County of

I, the undersigned, a Notary Public in and for the named above County and State, do hereby certify that on this

State of Washington,
County of

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County of

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State of Washington,
County of

I, the undersigned, a Notary Public in and for the named above County and State, do hereby certify that on this

State of Washington,
County of Washin

GIVEN under my hand and official seal the day and year last above written.

as free and voluntary ast and deed, for the users and purposes herein mentioned.

Notary Public in and for the State of Washington, residing at Fort Cellock

My commission expires:

LYNDA G FOSSE NOTARY PUBLIC STATE OF WASHINGTON

License Number 69133
My Commission Expires September 21, 2022

M. Commisse Problem address

ORCHARD AVE SE Olalla

CHRONOLOGICAL CONTROL SHEET Building Site Application - Residential

Parcel Notes

*Parcel Alert owner recorded covenants for Large Lot. Copy on auditor database. (parent or grandparent parcel) Dec 20 2018 10:35AM

Applicant: KING HOMES INC Tax ID: 282302-4-049-2000

Memo: **74374** BP: **N/A**

DCD-LU: N/A

Contractor: A+ ONSITE

RECEIVED ON	INITIALS	ACTION TAKEN/COMMENTS	ROUTE TO	DATE
05/05/2020	MC	Received online.	SA	05/05/2020
5/28/20	۶A	1/25 we en Existy 2-Puty Well 16+= 225,418 ft2 M 360/016/3= 200 6+0		
		Not= 228,418 ft2 M 360/016/3= 200 6+0		
		'Trench ~ 17", ver 24", Need ~ 41"		
		,		
		\$ 100 ft arem + in WUA		
		-soils match It sign		
		welllead in your and In	, ,	
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		feward vell into we to		
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