



HEALTH OFFICER DECISION

Application Type: Building Site Application -

Residential

Memo #: 76158

Tax ID #: 4381-000-073-0003

RP ACCT ID: 1617307 Expiration: 07/16/2023

Property Information

20903 PRESIDENT POINT RD NE Kingston WA 98346

Contractor of Record

Contractor Name:

INDIGO DESIGN & MAINTENANCE

SPECIALISTS

Contractor Phone #:

(360) 779-5233

Applicant

FERGUSON & COLE INC 26221 PIONEER WAY NW Poulsbo WA 98370

Waivers

Waiver Type	Memo #	Notes
Waiver Class B	135500	

Health Officer Decision for Onsite Sewage System

Approved

Name of Inspector:

(See Conditions Below)

TIM QUAYLE, R.S.

Date:

07/02/2020

- 1. Avoid large trees per the BSA.
- 2. 10" maximum trench depth.

Health Officer Decision for Water Supply

Approved

Name of Inspector:

Date:

(See Conditions Below)

BETTY SUE JAMESON

08/13/2020

Final Decision: Approved

RECEIVED



JUN 16.2020

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.
JUN 16 202	0 76/58	\$810	me

BUILDING SITE INFORMATION									
Building Site Address – Street, City, Zip Code:									
Lot 73 PRESIDENT POINT									
Assessor Tax Account Number:	•	Property Size:	Lot Number:						
4381-000-073-0003		29,000 SQ FT	73						
APPLICANT INFORMATION		- Control - Charles							
First & Last Name	Phone Number:	E-Mail:							
FERGUSON & COLE	(360) 434-2104								
Mailing Address - Street, City, State, Zip Code:									
PO BOX 26221 NW , PC	OULSBO, WA 989370								
APPLICATION GENERAL PROPOSAL									
Application Type:	Application Use Type:	Application V	/ater Type:						
New	Residential	Public Wat	• •						
Repair (no building permit needed)	Multi-Family		ter (residential only)						
Modification (building permit needed)	Community		ter (residential only)						
Building Clearance with Compliance	Commercial								
	nged) OR a Building Clearance with Complianc	e (describe proposal)							
	nged) On a banding clearance with compilant	e (describe proposar)							
APPLICANT/AGENT & DESIGNER ACKNOW	WLEDGEMENT								
I certify that (1) the information contained in this application		e	Engineer Stamp						
application represents my intended use of this property; and be consistent with the plans and specifications contained in		"	₹ \						
I acknowledge and understand that I, along with my contract		A A							
approval of this application and are responsible for conformi ordinances and Washington State Department of Health reg									
I acknowledge and understand that the design, location, and	construction of my onsite sewage system and/or well		2						
is/are critical and of a sensitive nature, and I agree to protect									
I understand that once this application is submitted and/or a			5100132						
information or conditions related to this plan may require a re revocation, denial, or suspension of this application or a rela	ted building permit and that this application will fully	Erl Erl	c Knopf · V						
expire within 3 (three) years and 30 (thirty) days from the ori	ginal date of application submittal.		ED DESIGNER						
I understand that I have the right to appeal the Health Office regulations, and that approval of this application does not gu		Designer/Engineer Co	S 10/14/20 ntact Phone Number:						
y and the application of the application and a		(360) 779							
Applicant/Agent Signature	Date	Designer/Engineer E-I							
ExiciXn	of 06/11/2020	· ·	l@gmail.com						
Intake Notes – Health District Use Only	TV								
APPROVED									
POR SEWAGE AND WATER ONLY									

Kitsap Public Health District
Permit Number: 20-01956

DRINKING WATER & ONSITE SEWA			GE SYSTEM SPECIFICATION SHEET				Assessor Tax Account Number: 4381-000-073-0003			
A. DRINKING WA	TER SLIDDI	V INFORM	ATION					4001	000-073-0003	
Proposed Existing	Public Private		System Name KPUCI ASSESSOR TAX ACCOUNT NUMBERS F			UBERS FO	FOR PROPERTIES SERVED BY WELL ter Connection 2 (Parcel connected to Well)			
	2-Pa									
B. SOIL EVALUATI	ON DROEII	EC	1				<u> </u>			
Soil Evaluation Date	ON PROFIL	1-2)		Sou Loc Nu	MOEDS MI	JST CORRELATE V	WITH SIT	E PI AN - INI	DICATE TOTAL	
05/25/202	20		Exc						RESTRICTIVE LAYER	
SOIL LOG #			Soil Log #2			Soil Log			Soil Log #4	
TYPE 4 0-36" LIGHT BROWN LOAMY FINE SAND RESTRICTED AT BOTTOM Downslope Side Measurements TYPE 4 0-28" LIGHT BROWN LOAMY FINE SAND RESTRICTED AT BOTTOM Downslope Side Measurements TYPE 4 0-28" LIGHT BROWN LOAMY FINE SAND RESTRICTED AT BOTTOM Downslope Side Measurements TYPE 4 0-28" LIGHT BROWN LOAMY FINE SAND RESTRICTED AT BOTTOM BOTTOM				Downslope Side Measurer	nents					
C. DAILY FLOW -	TANKAGE -	- TREATM	ENT		<u> </u>					
DESIGNED MAX SEWAGE	FLOW	Trash/	SEPTIC/PUMP	Tanks			ADVANO	ED TREATM	IENT INFORMATION	
	llons Per Day	Type ☐frash Ta	Size (ga	<u>QTY</u>	Manufact	prietary Advar	nced Tr	eatment		
PROPOSED RESIDENTIAL B	EDROOMS	Santic T	ank <i>1000</i>	, ,						
3 Maximu Proposed Treatment Le	ım Bedrooms		1000	1	Model:	n-Proprietary /	Advance	ed Treatme	ent	
TL E		☐ Other	<u> </u>		Device Typ	oe:				
D. DISPERSAL COI	MPONENT	CONSTRU	CTION							
DISPERSAL COMPONENT S						0			TRENCH CONSTRUCTION PROF	ILE
Hydraulic Loading Rate of Dispersal Area	a:6	S	→ E. A(A. Slope in P			s	A. Perce	nt Slope in Primary:	3%
Minimum Dispersal Area (Sq. Ft.) In Prima	nry:60	00		D. Trench 36		<u> </u>			num Trench Depth:1 ope Side Measurements)	0 Inches
Minimum Linear Feet or Dimensions:	200			Disper Compos		B. Maximum Trench de 	epth	C. Vertica	al Separation: 1	8 Inches
DISTRIBUTION METHOD Gravity Distribution Pressure Distribution	1		Native			Surface C. Vertical		D. Trenci	h Width: 36	O" Inches
☐ Drip Irrigation			Soil			Separation 18 inc		E. Additi	onal Cover Required: 1	4 inches
			Restrict	live Layer OR Hig	hest Season	al Water Table	النت		्रे जिल्ला)
FOR SEWA	PROV Ge and w	_	ILY F	.∂.† OR SeW	フロ C JEA	OVE"		ATA .	JUN \$ 2020	<i>7</i>

Kitsap Public Health District
Permit Number: 20-01956

KITSAP PUBLIC HEALTH DISTRICT

RECEIVED Environmental Health

JUN **1 6** 2020 345 6th Street, Suite 300 Bremerton, WA 98337

360-728-2235

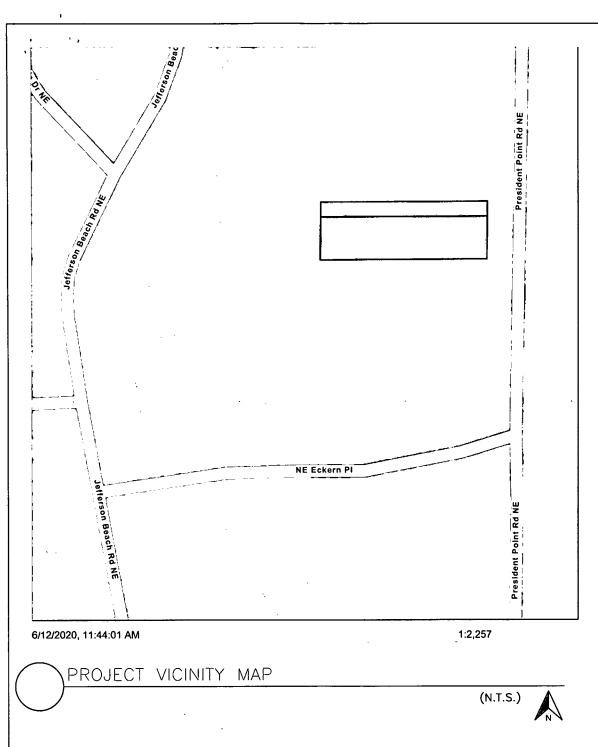
Memo #: ' 135500
Date Applied: JUN 16 202
Fee paid: 1745
Clerks initials:

KITSAP PUBLIC

DRINKING WATER / ONSITE SEWAGE WAIVER REQUEST FORM
Waiver Request Form (Please check the following in regard to which Regulations are the subject of the waiver):
Local Septic Regulations (KCBOH Ordinance No. 2008A-1)
☐ Local Drinking Water Regulations (KCBOH Ordinance No. 1999-6)
Section I. (Completed by Applicant) (1) Name: FERGUSON & COLE
(2) Site Address: PRESIDENT POINT
(3)Tax Parcel No.: 4381-000-073-0003
(4) Regulatory Requirement: 24" OF VERTICAL SEPARATION FOR PRESSURE
(5) Waiver Requested: DOWN TO 18" OF VERTICAL SEPARATION
(6) Waiver Justification and Mitigation: There are no wells or surface water within 200 feet of the drainfield.
There will be ongoing monitoring and maintenance of the site. Slopes are very slight in the drainfield area.
All other requirements for the waiver are being met.
Section II. (Completed by Kitsap Public Health Officer)
(7) Review Criteria:
(8) Mitigation Measures (in addition to those proposed in Section I):
(b) Witigation Weasures (in addition to those proposed in section).
and the state of t
(9) Comments/Conditions of Approval: No wells/Swface 40 w/thin 200 feet.
(9) Comments/Conditions of Approval: No wells/ Surface the within 200 feet. Mantenence required. Timed during required.
(9) Comments/Conditions of Approval: No wells/Swface 40 within 200 feet. Mantenace veguves. Timed during required. (10) Type of Waiver: Class A Class B Class C Local
(10) Type of Waiver: Class A Class B Class C Local Section III. (Completed by Kitsap Public Health Officer)
(10) Type of Waiver: Class A Class B Class C Local Section III. (Completed by Kitsap Public Health Officer) This Waiver Request has been reviewed according to the applicable provisions of Chapter 246-272 WAC or KCBOH Ordinance No. 2008A-1 or 1999-6. The review criteria applied, and the mitigation measures proposed and/or required,
(10) Type of Waiver: Class A Class B Class C Local Section III. (Completed by Kitsap Public Health Officer) This Waiver Request has been reviewed according to the applicable provisions of Chapter 246-272 WAC or KCBOH
(10) Type of Waiver: Class A Class B Class C Local Section III. (Completed by Kitsap Public Health Officer) This Waiver Request has been reviewed according to the applicable provisions of Chapter 246-272 WAC or KCBOH Ordinance No. 2008A-1 or 1999-6. The review criteria applied, and the mitigation measures proposed and/or required,
(10) Type of Waiver: Class A Class B Class C Local Section III. (Completed by Kitsap Public Health Officer) This Waiver Request has been reviewed according to the applicable provisions of Chapter 246-272 WAC or KCBOH Ordinance No. 2008A-1 or 1999-6. The review criteria applied, and the mitigation measures proposed and/or required, have been evaluated for their ability to provide public health protection at least equal to that provided by the regulations. This Waiver Request is: Approved/Granted (Subject to the above Conditions of Approval)
(10) Type of Waiver: Class A Class B Class C Local Section III. (Completed by Kitsap Public Health Officer) This Waiver Request has been reviewed according to the applicable provisions of Chapter 246-272 WAC or KCBOH Ordinance No. 2008A-1 or 1999-6. The review criteria applied, and the mitigation measures proposed and/or required, have been evaluated for their ability to provide public health protection at least equal to that provided by the regulations. This Waiver Request is: Approved/Granted (Subject to the above Conditions of Approval)

KPHD Health Officer Name:

Permit Number: 20-01956



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JUN 1 6 2020

KITSAP PUBLIC HEALTH DISTRICT

GENERAL NOTES

CONSTRUCTION NOTES, DISCLAIMERS, AND HOMEOWNER INSTRUCTIONS. THESE CONSTRUCTION NOTES, DISCLAIMERS AND INSTRUCTIONS ARE BINDING UPON THE SEPTIC DESIGN AND THE OWNER/GRANTOR OF THE PROPERTY ON WHICH THE SEPTIC DESIGN IS DONE. NO SUBSTITUTIONS CAN BE MADE WITHOUT THE DESIGNER'S APPROVAL

 AVOID INSTALLING ANY LATERAL THROUGH OLD GROWTH STUMPS OR OTHER LARGE TREES. IF TREES ARE MARKED ON THE SITE PLAN, DO NOT USE THEM AS BENCHMARKS. INSTALLER IS RESPONSIBLE TO AVOID INSTALLING DRAINFIELD LATERALS THROUGH LARGE TREES OR LARGE STUMPS. STUMPS MAY BE CUT OR GROUND DOWN BELOW FINAL GRADE FOR AESTHETIC CONSIDERATIONS. SECOND GROWTH STUMPS THAT ARE PARTIALLY DECAYED OR ROTTEN, HAVING BEEN LEFT IN THE GROUND FOR A NUMBER OF YEARS, MAY BE REMOVED AT THE INSTALLER'S DISCRETION. CALL THE DESIGNER IF THERE IS A CONCERN ABOUT DAMAGING THE DRAIN FIELD AREA.

ALL POTABLE WATER LINES MUST BE AT LEAST TEN FEET AWAY FROM SEPTIC COMPONENTS OR BE SLEEVED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
WASTE STRENGTHS NOT TO EXCEED NORMAL STRENGTHS FOR

RESIDENTIAL APPLICATIONS. NORMAL RESIDENTIAL SEWAGE WASTE STRENGTHS ARE AS FOLLOWS; CBOD5=125 mg/L; TSS=80 mg/L; AND OIL & GREASE=20 mg/L, OR MEET THE EFFLUENT QUALITY CRITERIA OF THEIR RESPECTIVE TREATMENT LEVEL REQUIRED FOR

4. ACTUAL FLOWS SHOULD NOT EXCEED 60% OF MAXIMUM DESIGN FLOW

ON A REGULAR BASIS.

5. LOCATION OF SEPTIC TANK OR PUMP TANK MAY CHANGE DEPENDING UPON AESTHETIC CONSIDERATIONS, DECKS, ENTRANCES, ETC., AND SUBJECT TO ALL HEALTH DISTRICT REGULATIONS.

6. FOR ALL STRUCTURES TO BE CONNECTED TO THE O.S.S., INSTALLER AND PROPERTY OWNER MUST VERIFY THE LOCATION OF ALL EXISTING PLUMBING STUB-OUTS BEFORE DETERMINING TANK INSTALLATION DEPTHS. PLUMBING STUBOUT(S) SHOWN ASSUMED UNLESS OTHERWISE STATED ON SITE PLAN.

7. DO NOT ENCROACH UPON OR DISTURB DRAIN FIELD AREAS DURING CONSTRUCTION PHASE.

DO NOT MAKE ANY CUTS, FOR DRIVEWAY OR OTHERWISE, GREATER

THAN 5' IN HEIGHT/DEPTH, WITHIN 50' DOWN SLOPE OF DRAIN FIELD.

9. LAYOUT OF LATERALS MAY VARY SOMEWHAT DURING CONSTRUCTION PHASE. THE LENGTH MAY CHANGE, THE NUMBER OF LATERALS MAY CHANGE, THE ANGLE OF LATERALS MAY CHANGE WHEN THE LOT IS

CLEARED AND FINAL TOPOGRAPHICAL FEATURES ARE EXPOSED.

10. ALL NEW IRRIGATION LINES MUST HAVE DOUBLE CHECK BACK-FLOW PREVENTERS.

11. ALL ACCESS ENCLOSURE LIDS MUST REMAIN AT SURFACE AT FINAL

12. DO NOT USE SOIL LOGS AS A BENCHMARK- SOIL LOGS SIMPLY DEFINE SOIL PROFILES. INSTALLER RESPONSIBLE FOR VERIFYING PROPERTY LINE LOCATIONS BEFORE EXCAVATING FOR SEPTIC

13. ALL OTHER CONSTRUCTION NOTES ARE A BINDING PART OF THIS

DESIGN AND SHOULD BE READ CAREFULLY.

14. ALL KNOWN WELLS THAT IMPACT THE SUBJECT PROPERTY ARE SHOWN TO THE BEST OF OUR KNOWLEDGE AND THE KNOWLEDGE OF THE SUBJECT PROPERTY OWNER.

15. A NEW DESIGN MAY BE REQUIRED IF HOUSE FOOTPRINT AND DRAIN FIELD FOOTPRINT ARE NOT COMPATIBLE, IF VERTICAL SEPARATION CANNOT BE MAINTAINED, OR IF SOILS IN DRAIN FIELD AREA ARE DISTURBED OR ENCROACHED UPON.

16. TOPOGRAPHY SHOWN PER SURVEY INFORMATION PROVIDED BY PROPERTY OWNER/AGENT. 2' CONTOUR INTERVALS SHOWN.

17. ANY SITE PLAN SHOWN IN THIS DESIGN IS NOT A SURVEY, NOR DOES IT PURPORT TO REPRESENT ANY SURVEY INFORMATION. FIELD MEASUREMENTS TAKEN WITH LASER MEASUREMENT EQUIPMENT FROM EXISTING CORNER STAKES PLACED BY OTHERS

18. IF EASEMENTS EXIST AND ARE NOT SHOWN, IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO DISCLOSE EASEMENT LOCATIONS AND THE PROPERTY OWNER ASSUMES LIABILITY FOR ANY DAMAGES RESULTING FROM THEIR ABSENCE ON THIS DESIGN.

19. THE LOCATION OF ALL PROPERTY LINES AND CORNERS ARE SHOWN PER OWNER-PROVIDED INFORMATION AND/OR PUBLICLY AVAILABLE G.I.S. DATA AND REVIEWED BY THE PROPERTY OWNER BEFORE SUBMISSION TO THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ). DESIGNER DOES NOT ASSUME LIABILITY FOR INCORRECT PROPERTY BOUNDARY INFORMATION.

20. STORM WATER INFILTRATION SYSTEMS, IF REQUIRED, ARE THE RESPONSIBILITY OF THE PROPERTY OWNER OR OWNER'S AGENT. 21. FOR PROPOSED GRAVITY SYSTEMS, A PUMP AND PUMP TANK MAY BE REQUIRED EVEN IF NOT SPECIFIED HEREIN, IF THE FINAL STUB-OUT IS LOWER THAN THE INVERT OF THE LATERALS. THE COST OF A PUMP. PUMP TANK AND ALL OTHER COSTS ASSOCIATED WITH THIS REVISION IS SOLELY ASSUMED BY THE OWNER/APPLICANT.

22. IF VERTICAL SEPARATION CANNOT BE MAINTAINED AS OUTLINED IN THE APPROVED DESIGN AT THE TIME OF INSTALLATION, A NEW DESIGN MAY BE REQUIRED AT THE EXPENSE OF THE OWNER/APPLICANT.

23. INDIGO DESIGN IS NOT RESPONSIBLE FOR CONSTRUCTION PRACTICES DURING INSTALLATION. CONSTRUCTION PRACTICES MUST ADHERE TO ALL STATE AND LOCAL CODES. THIS INCLUDES, BUT IS NOT LIMITED TO, THE STABILIZING OF SLOPES AND SOILS FOR DRAIN FIELD COMPONENTS INCLUDING, BUT NOT LIMITED TO PLACEMENT OF SAND FILTER BOXES, TANKS, AEROBIC DEVICES, ETC... THE DESIGNER IS LIKEWISE NOT HELD RESPONSIBLE FOR ANY EROSION CONTROL PROBLEMS THAT MAY AFFECT THE DRAIN FIELD OR COMPONENTS.

24. INSTALLATION OF ALL PROPRIETARY PRODUCTS AND/OR TREATMENT DEVICES MUST FOLLOW THE MANUFACTURER'S GUIDELINES CAREFULLY. IF ANY CONFLICT EXISTS BETWEEN THOSE GUIDELINES AND THIS DESIGN, CONTACT DESIGNER OF RECORD.

25. INDIGO DESIGN IS NOT RESPONSIBLE FOR ANY TREES, SHRUBS ORNAMENTAL OR OTHERWISE, OR LANDSCAPING REMOVED AND/OR DAMAGED DURING INSTALLATION. THE DESIGNER IS NOT RESPONSIBLE FOR ANY ROOT DAMAGE DURING ANY PHASE OF INSTALLATION OR

26. ALL SURFACE WATER MUST BE DIRECTED AWAY FROM THE DRAIN FIELD AREA IF AT ALL POSSIBLE. INSURE THAT FINAL GRADE OF DRAIN FIELD AREA DIRECTS WATER AWAY FROM DRAIN FIELD AREA.

27. COVER MUST BE SAND OR TYPE 3 SOIL AND MUST BE SEEDED AT

THE TIME OF INSTALLATION.

28. CURTAIN DRAINS OR INTERCEPTOR DRAINS MAY BE REQUIRED OR DESIRED AT THE TIME OF INSTALLATION EVEN IF NOT SHOWN ON THE DESIGN. ANY COST ASSOCIATED WITH THIS, INCLUDING RE-DESIGN COSTS IF NECESSARY, IS THE RESPONSIBILITY OF THE PROPERTY OWNER / APPLICANT.

29. SEPTIC TANK CONNECTIONS MUST BE WATERTIGHT. DIRECT ALL SURFACE WATER AWAY FROM SEPTIC TANKS IF AT ALL POSSIBLE.

30. DOWN-SLOPE FOOTING DRAINS MUST BE 30' AWAY FROM DRAIN FIELD. DRAIN FIELD INSTALLATION AND SITE WORK TO BE DONE DURING DRY

32. WET WEATHER INSPECTIONS, PRE-CONSTRUCTION MEETINGS, POST-CONSTRUCTION MEETINGS, CERTIFICATION SET-UP, RECORD OF CONSTRUCTION DRAWINGS, AND OTHER INSPECTIONS ARE NOT INCLUDED IN DESIGN FEES.

33. ALL COMPONENTS MUST BE SECURED WITH STAINLESS STEEL SCREWS/BOLTS (IF APPLICABLE) AND EASILY ACCESSIBLE FOR SERVICING AT FINAL-GRADE, INCLUDING THE ENDS OF PRESSURE LATERALS, OBSERVATION PORTS, PUMP TANK LIDS, SEPTIC TANK LIDS, AND ANY COMPONENTS AS SHOWN ON THE SITE PLAN AND/OR DETAIL

34. THIS SYSTEM IS NOT DESIGNED FOR USE WITH A GARBAGE DISPOSAL. INDIGO INDIGO DESIGN IS NOT RESPONSIBLE FOR ANY DAMAGE THAT MAY RESULT.

35. PROPERTY OWNER ASSUMES RESPONSIBILITY FOR FILLING SOIL LOGS AFTER ALL NECESSARY INSPECTIONS MADE BY THE AHJ.

36. BURNING, VEHICULAR TRAFFIC, OR ENCROACHMENT OF ANY KIND OVER-TOP OF THE DRAIN FIELD OR TANK AREAS WILL VOID ANY AND ALL WARRANTIES.

37. SEPTIC TANK OUTLET FILTER OR VAULT SCREEN TYPE FILTER IS REQUIRED IF SHOWN ON DESIGN SHEETS. INDIGO DESIGN IS NOT RESPONSIBLE FOR ANY DAMAGE THAT MAY RESULT FROM LACK OF

38. THIS SYSTEM REQUIRES A CERTAIN DEGREE OF MAINTENANCE.
CERTIFICATION AND INSTALLATION APPROVALS DO NOT GUARANTEE TROUBLE-FREE USE.

39. USE OF ANY SEPTIC SYSTEM ADDITIVES MAY RESULT IN DAMAGE, AND WILL VOID ANY AND ALL WARRANTIES.

40. PROPERTY OWNER, OWNER'S AGENT, OR APPLICANT AND INSTALLER MUST ADHERE TO ALL REGULATIONS PERTAINING TO ON-SITE SEPTIC SYSTEM AS SET FORTH BY THE STATE AND LOCAL AHJ.

41. AVOID DISPOSING OF HOUSEHOLD GARBAGE OR OTHER MATERIALS INTO

THE SEPTIC SYSTEM. ONLY TOILET PAPER AND HUMAN WASTE SHOULD BE FLUSHED DOWN THE TOILET. MISUSE WILL RESULT IN DAMAGE TO YOUR SYSTEM AND WILL VOID ANY AND ALL WARRANTIES.
42. THESE NOTES, INSTRUCTIONS, AND DISCLAIMERS BECOME A BINDING PART OF THIS DESIGN UPON APPROVAL BY THE AHJ.

43: THIS DESIGN DOES NOT GUARANTEE THAT A BUILDING PERMIT WILL BE

ISSUED BY THE AHJ.

44. CONTACT DESIGNER OF RECORD WITH ANY PROPOSED MODIFICATIONS
TO THIS DESIGN, OR WITH ANY QUESTIONS REGARDING

alent:

FERGUSON & COLE

TAX ID. #

4381-000-073-0003

SITE ADDRESS:

PRESIDENT POINT

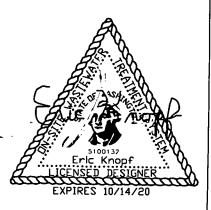
SHEET ID:

GRAPHIC SCALE:

REVISIONS:

= INDIGO

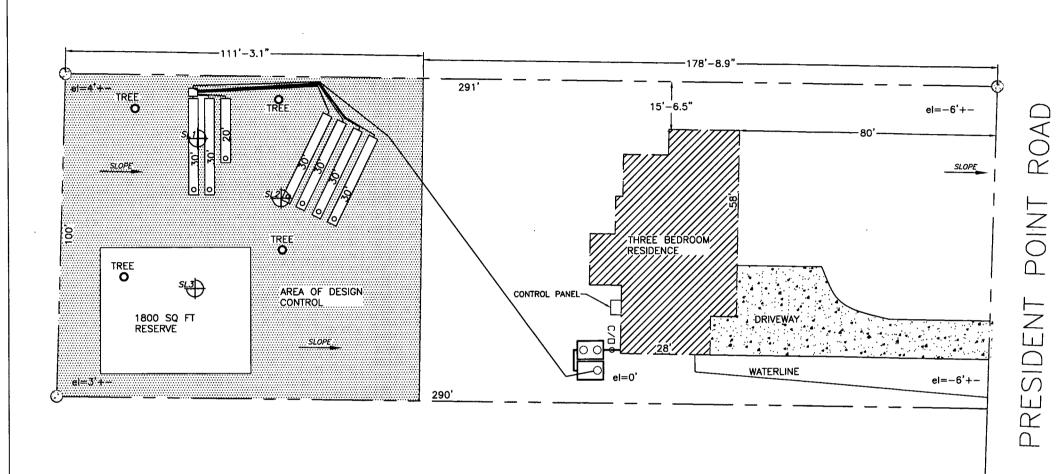
P.O. BOX 163 POULSBO, WASHINGTON 98370 360-779-5233



Kitsap Public Health District

SHEET#

SHEETS

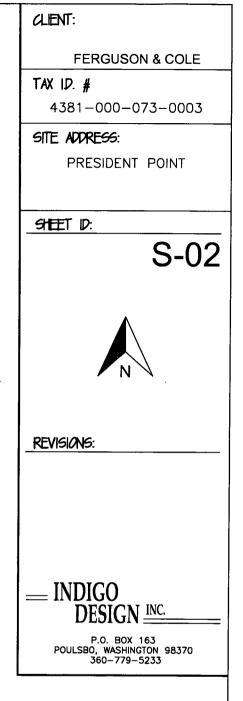


APPROVED FOR SEWAGE AND WATER ONLY

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JUN 1 6 2020

KITSAP PUBLIC HEALTH DISTRICT



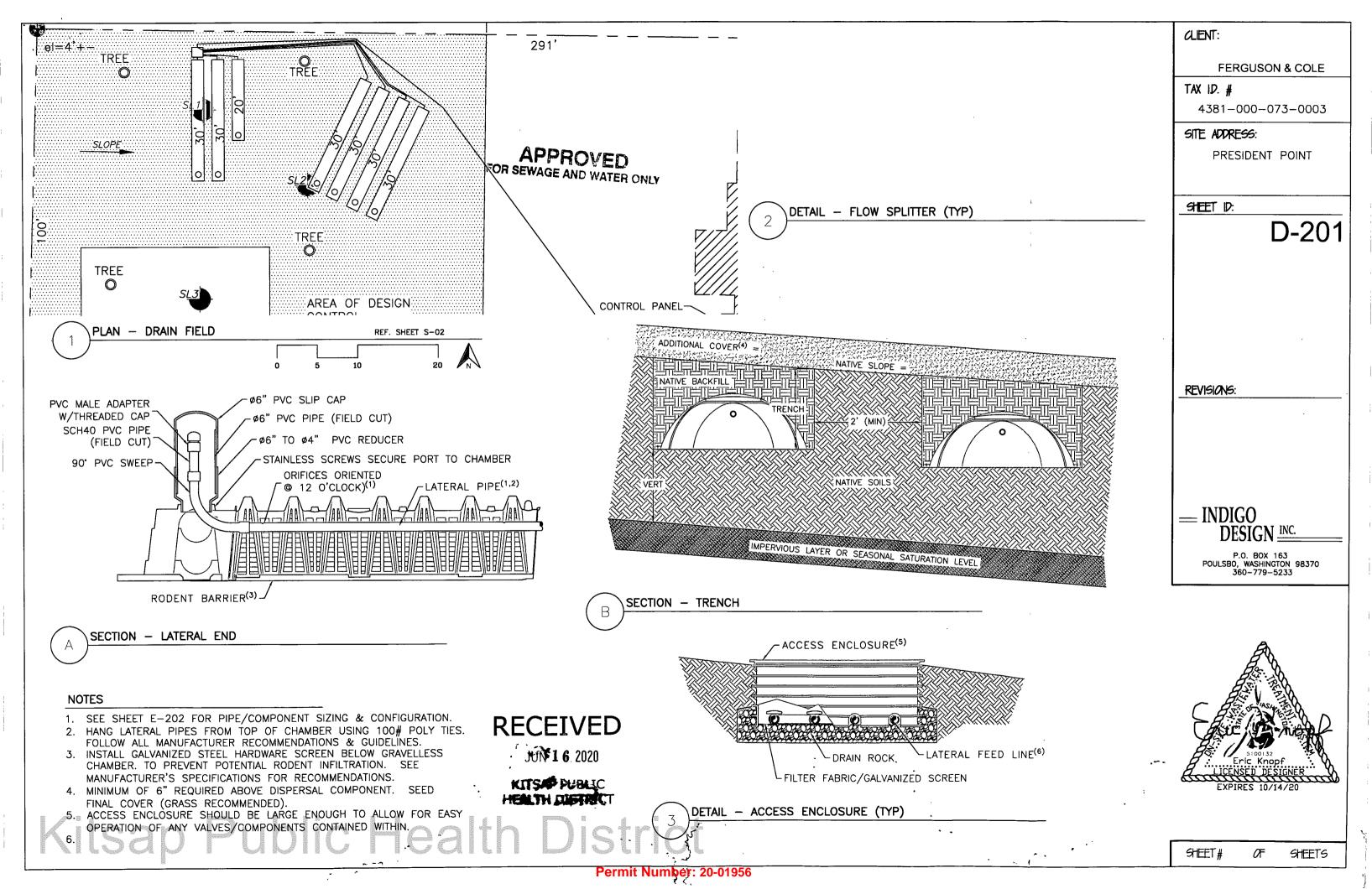
Expires 10/14/20

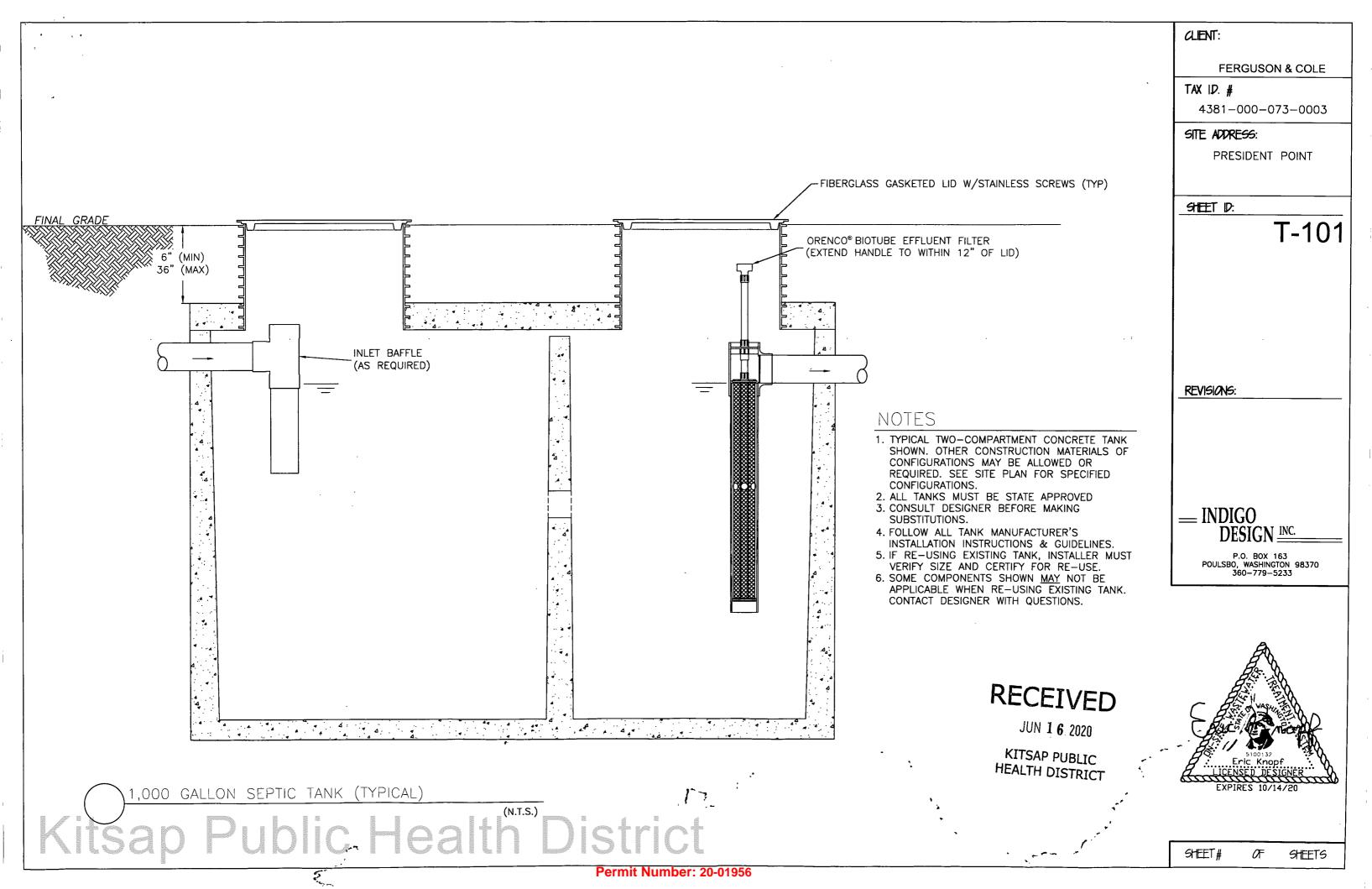
SHEET# OF SHEETS

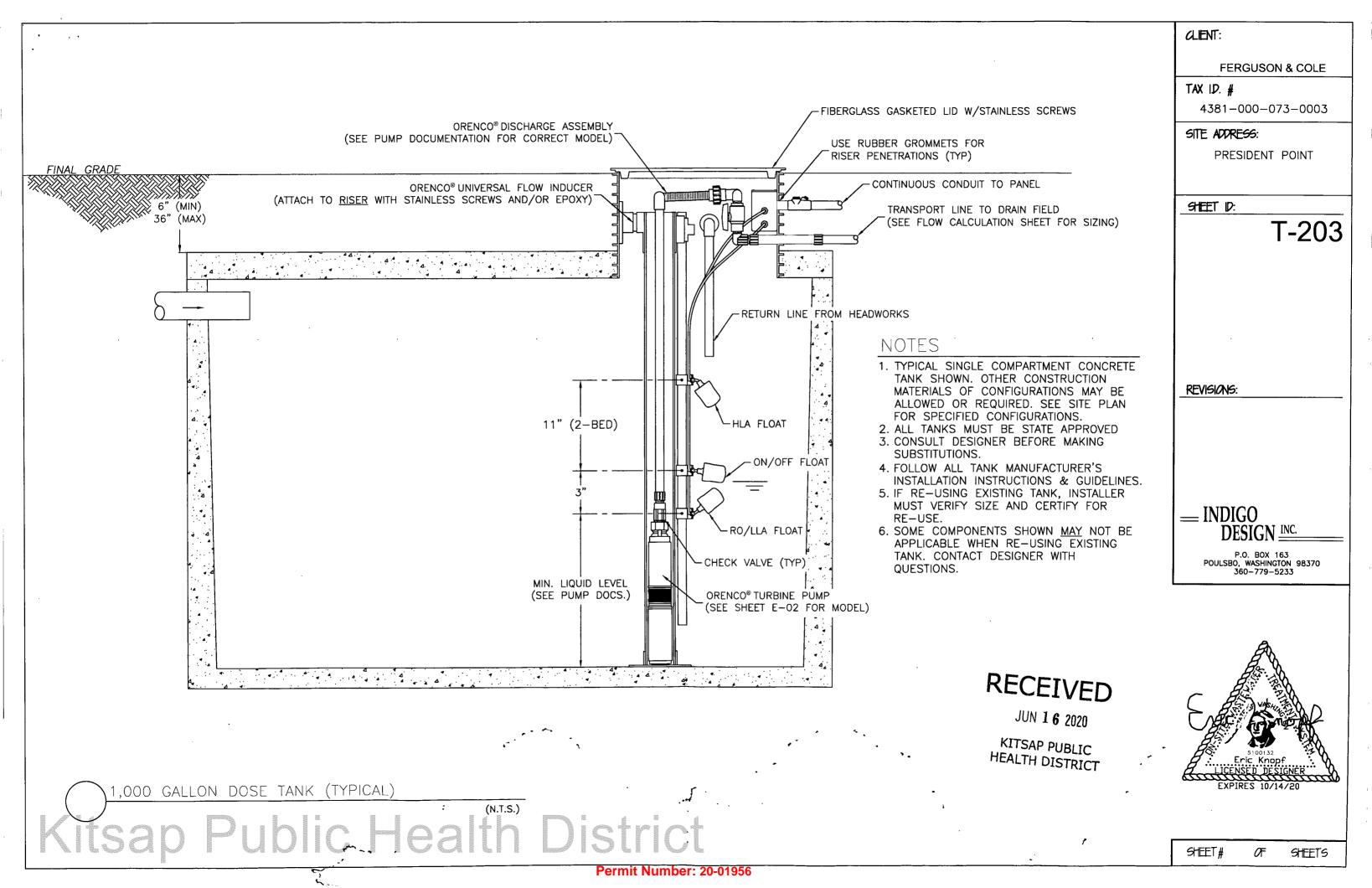
1 PLAN - DETAIL

Kitsap Public Health District

Permit Number: 20-01956







Pump Selection for a Pressurized System - Single Family Residence Project

Discharge Assembly Size	1.25	inches
Transport Length	170	feet
Transport Pipe Class	40	1001
Transport Line Size	2.00	inches
Distributing Valve Model	None	IIICHES
Max Elevation Lift	15	feet
Manifold Length	3.5 10	feet
Manifold Pipe Class	40	1001
Manifold Pipe Size	2.00	inches
Number of Lateral's per Cell	7	munça
Lateral Length	28.5	feet
Lateral Pipe Class	40	1001
Lateral Pipe Size	1.00	inches
Orifice Size	1/8	inches
Office Spacing	3	feet
Residual Head	5	feet
Flow Meter	None	inches
*Add-on' Friction Losses	5	feet
1,00 0.00 1,00 0.00 0.00 0.00 0.00 0.00		70-7
Calculations		
Minimum Flow Rate per Orifice	0.43	gpm
Number of Orifices per Zone	70	
Total Flow Rate per Zone	30.4	gpm
Number of Laterals per Zone	7	
% Flow Differential 1 st/Last Orifice	1.1	%
Transport Velocity	2.9	fps
Frictional Head Losses		
FIICLIDINAL NEAU LUSSES		feet
Loss through Discharge	6.5	
	6.5 2.7	feet
Loss through Discharge		feet feet
Loss through Discharge Loss in Transport	2:7	, 4.4.
Loss through Discharge Loss in Transport Loss through Valve	2:7 0.0	feet
Loss through Discharge Loss in Transport Loss through Valve Loss in Manifold	2:7 0.0 0.0	feet feet
Loss through Discharge Loss in Transport Loss through Valve Loss in Manifold Loss in Laterals	2.7 0.0 0.0 0.1	feet feet feet
Loss through Discharge Loss in Transport Loss through Valve Loss in Manifold Loss in Laterals Loss through Flowmeter	2:7 0.0 0.0 0.1 0.0	feet feet feet feet
Loss through Discharge Loss in Transport Loss through Valve Loss in Manifold Loss in Laterals Loss through Flowmeter 'Add-on' Friction Losses Pipe Volumes	2:7 0.0 0.0 0.1 0.0 5.0	feet feet feet feet feet
Loss through Discharge Loss in Transport Loss through Valve Loss in Manifold Loss in Laterals Loss through Flowmeter "Add-on" Friction Losses	2:7 0.0 0.0 0.1 0.0 5.0	feet feet feet feet feet
Loss through Discharge Loss in Transport Loss through Valve Loss in Manifold Loss in Laterals Loss through Flowmeter *Add-on' Friction Losses Pipe Volumes Vol of Transport Line	2:7 0.0 0.0 0.1 0.0 5.0	feet feet feet feet feet

Minimum Pump Requirements

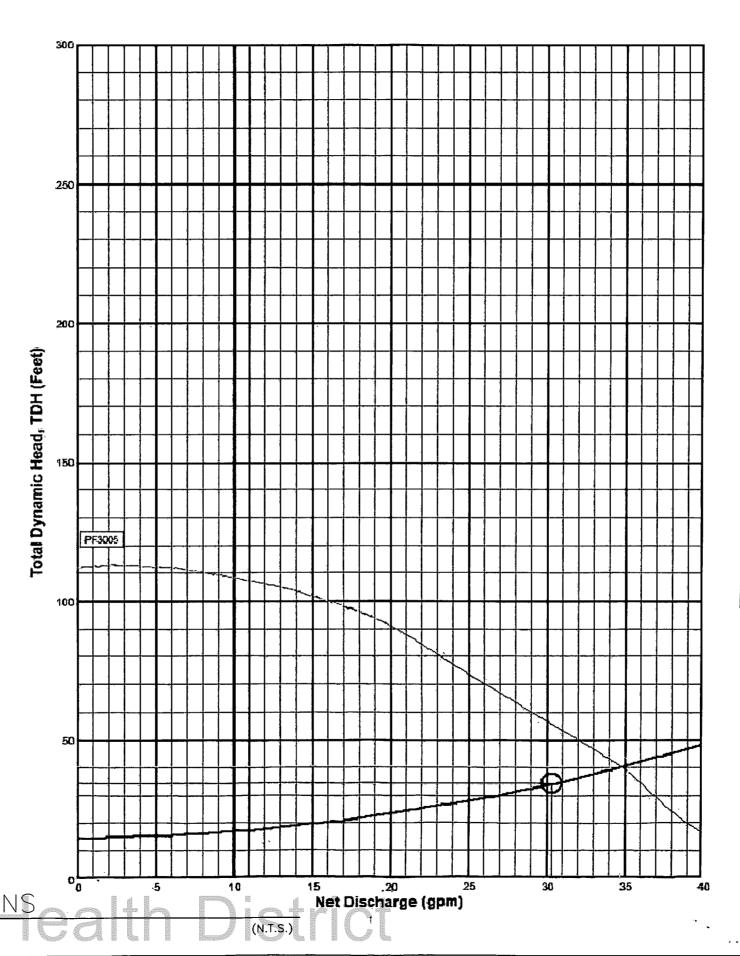
gpm

feet

34.3

Design Flow Rate

Total Dynamic Head





Orenço Systems* Incorporated

Changing the Way the World Does Wastewater*



SITE ADDRESS:

TAX ID. #

CLENT:

PRESIDENT POINT

4381-000-073-0003

FERGUSON & COLE

SHEET ID:

E-202

REVISIONS:

= INDIGO DESIGN INC.

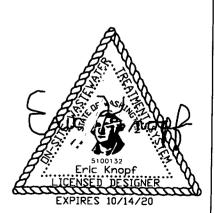
> P.O. BOX 163 POULSBO, WASHINGTON 98370 360-779-5233

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JUN 16 2020

KITSAP PUBLIC HEALTH DISTRICT

System Curve:	-
Pump Curve:	-
Pump Optimal Rain	e; —
Operating Point:	O
Design Point:	0



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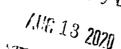
SHEET#

SHEETS

Permit Number: 20-01956

KITSAP PUBLIC UTILITY DISTRICT #1 CF/VED

P.O. BOX 1989 - POULSBO, WA 98 (360) 779-7656



BINDING WATER AVAILABILITY LETTER CONTROLLER

System:	(04,08,0	5517 ' '					
Service Address:	Lot 73 Presid	ent Point Rd Ki	ngston, WA 9	98346		Туре:	Residential
Tax Lot #:	438	1-000-073-0003	Str	reet Lts: NO	Area:		
This I	_		-	uarantees water bility Letter has n		•	ct property.
Capital Facilities	Charge:	10		ERU's	1		\$6,000.00
Service Install Fe	e:			Meter Size	5/8	h	\$3,100.00
Square Footage P	ayback			SF of Lot			\$0.00
Bainbridge Island	Utility Tax (6	%)			NO)	0.00
Sub Total:							\$9,100.00
	· • · • · · · · · · · · · · · · · · · ·				N()	\$0.00
Total Charges:							\$9,100.00
Owner Name:		Ferguson & Co	le Inc.	brian@fergus	sonandcole.co	m	
Owner Mailing Add	iress:	26221 Poineer	Way NW Por	ulsbo, WA 98370			
Owner Phone: H	ome :	360	434-2104	Alternate:		360 34	0-4641
				phlet the undersigned prop ap PUD relative thereto.	erty owner hereb	y agrees to co	mply with all rates, rules and
	-	-		nall become a lien on the preater or less than normal to			not be
NO NO	installation of an water service.	· .	kler system. Fail	irrigation or sprinkler syst ure to notify the District of			•
	.	ted as soon as servi	_ •				
х	Service will be lo Should the lock become retroact	cked off until owne be removed and/o ive to date of this l	r requests initiati water used pric binding letter an	on of service. Locked off or to notifying the Distric d charges will be billed to pproved use of service.	t to initiate servi	ice, billing w	
NO	•	ing well on the pro roved for use by t	• •	er is required to either de ct.	commission the	well	
Signature: Mu	iha OR	lalat	Agent :	Mike Flaherty	Pay	ment Amt	:\$9,100.00
Check # :	33418	Date:	8/11/2020	0 Signature:			

Kitsap Public Health Distric

Permit Number: 20-01956

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KITSAP PUBLIC UTILITY DISTRICT #1

P.O. BOX 1989 - POULSBO, WA 98370

(360) 779-7656

BINDING WATER AVAILABILITY LETTER

This form must be completed by the water purveyor, operations manager, water commissioner, or their designee.

For each commitment for a water hook-up, please complete the section below. Verbal approval over the phone and completion by any other person other than the authorized personnel for the water supply will not be accepted.

The Public Water System (04,08,09)North Peninsula, Stat	te ID No. 051220; has a "U" designation, currently serves	5517
is capable of supplying, and w	rill supply water to:	
Ferguson & Cole Inc.	brian@fergusonandcole.com	
for 1 (one) connection located 4381-000-073-0003	l at:	
This connection is to be used	for:	
Residential		
ТІ	nis Binding Water Availability Letter has no expiration o	late.
Agent's Name:	Mike Flaherty	
Signature: <u>Mic/</u>	Ban Det la De E	 .
Title: Utility Manager		
Data 9/11/2020		RECEIVED

Kitsap Public Health Dist

8/11/2020

Date

Permit Number: 20-01956

AUC 13 2020

KITSAI PUBLIC MEAU'H DISTRICT

Water Web Mapping / Apps



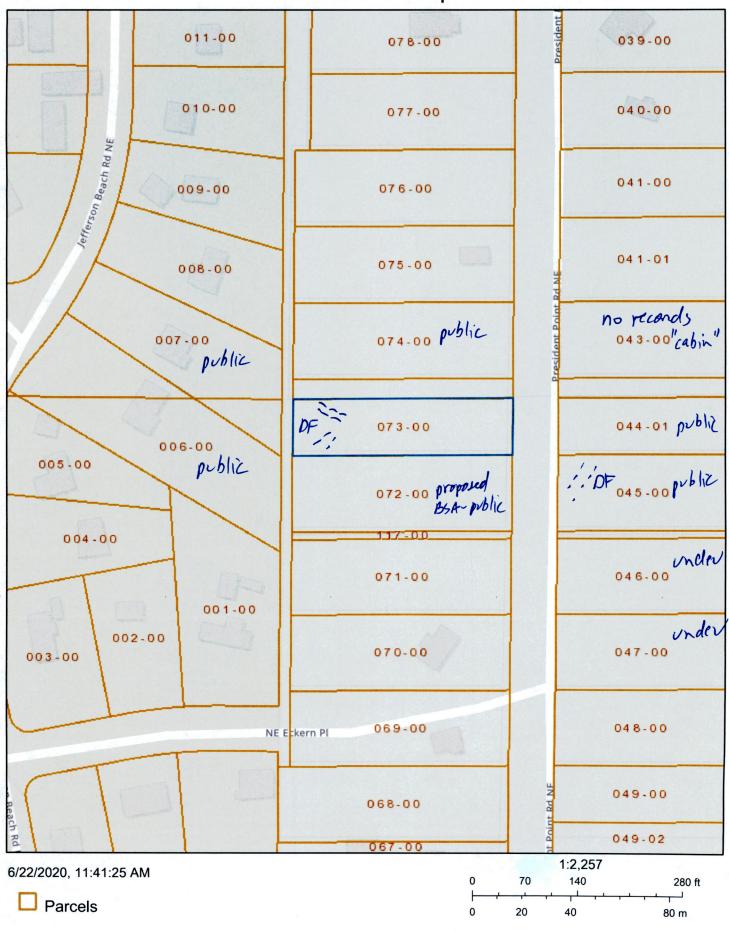
Water Viewer Map Change Request Meter Relocation Maintenance Request eakitsapp PUDOWater Wiewerlydrant Numbaking Infrastionurol Valves 077-00 040-00 8-219 076-00 041-0 075-00 04 36C 074-00 006-00 073-00 009-00 Q07-00 073-00 006-00 072-00 /8-1535 8-2180 071-00 /8 1540A 002-00 070-0 016-00 NE ESKERN-PL-069-00

RECEIVED

AIC 13 2020

KITSAP PUBLIC KEALIH DISTRICT

KPHD Web Map





Notice of Pending Building Site Application with Public Water Supply

07/02/2020

FERGUSON & COLE INC 26221 PIONEER WAY NW

Poulsbo, WA 98370

Tax ID: 4381-000-073-0003

Site Address: 20903 PRESIDENT PT.

Memo #: 76158

Water Source Type: Public

Water System Name: KPUD

Dear Applicant,

This checklist expires on <u>07 | 16 | 2023</u>

Your Building Site Application has been reviewed and a determination made that the soils and/or septic system plans have been given preliminary approval. However, the items listed below need to be submitted for review prior to final approval of your application may be granted. Your application has been placed in our pending files.

1. A current, three-year water availability letter from an approved public water system must be submitted. The water availability letter must be for a Binding commitment for water service, and must not expire 90 days prior to the building site application expiration date.

Please be aware that further review of your application cannot proceed until these items are submitted to the Health District. Additional information may be requested in the future based upon continued review.

You may track the status of your application online at www.kitsappublichealth.org; click on the "Application status" button on the bottom of the page.

If you have any questions regarding this pending letter you may contact me at (360) 728-2223 or tim.quayle@kitsappublichealth.org.

Thank you for your cooperation.

Sincerely,

Timothy Quayle, RS

Tim Quarle

Senior Environmental Health Specialist

Drinking Water and Onsite Sewage Program

cc: INDIGO DESIGN & MAINTENANCE SPECIALISTS

20903 PRESIDENT POINT RD NE Kingston

CHRONOLOGICAL CONTROL SHEET Building Site Application - Residential

Applicant: FERGUSON & COLE INC

Tax ID: 4381-000-073-0003 Memo: 76158 BP: N/A DCD-LU: N/A

Contractor: INDIGO DESIGN & MAINTENANCE SPECIALISTS

INITIALS	ACTION TAKEN/COMMENTS	ROUTE TO	DATE
MC	Received online.	10	06/16/2020
TO	site visit		
	323 - 26" mottling		
	SLI- matted 30" (roots)		
	522-32" roots - mottled below		
			,
	avoid large frees per BSA		
_	10" trinch		
	Per knopf-chang TT to ST	·	
	OSS OK		
	sent pending BWAL	BB	
me	Emarkd checklist & filed to BR pending		
BA	BWAL road, Water OK (P)	Seen	8,13,2020
(
	·		
	· · ·		
	5		
	**		
	MC TOO	MC Received online. TO site visit \$23 - 26" mottling \$21 - mottled 30" (roods) \$22 - 33" roods - mottled below - Says frash tank w/ P. D.? - Avoid large frees per BSA - Class B - 10" french Re Knopf-chang TT to ST	MC Received online. TO Site Visit \$1.3 - 36" mottling \$2.1 - mottled 30" (roots) \$1.2 - 32" roots - mottled below - Says trash tank w/P.D.? - Avoid large trees pre BSA - Class B - 10" trinch Re knopf-chang TT to ST OSS OK Sent pending BWAL BR