

Reed's Construction, Inc.
1409 Penn Cove Road
Oak Harbor, Wa 98277
360 675-0269 Ph. & Fax
360 632-5737 cell
reedsco@whidbey.com
Contractors Lic# REEDSC189R3
Designers Lic# 5100187

December 10, 2018

Kristi Jensen
32650 SR 20, Suite E101
Oak Harbor, WA 98277

Re: Soil log results for parcel R13333-329-3290 at 2659 Airline Way.

Dear Kristi,

On 4-24-2018 I excavated soil logs on the above parcel to determine if the proposed short plat sites would support an onsite septic system and reserve area during the wet season. The normal "wet season" is January 1 – March 31. Due to the extreme record breaking spring rains in 2018, the health department keep the wet season open through April. Most of the soils were saturated in the top 12" so they would not pass the State and Local requirements to allow for an onsite septic system at this time.

Soil logs 1-5 & 7 all passed the wet season check for an alternative system. These soil logs are however on parcels R13333-286-4080 and parcel R13333-328-2820 located on the south end of the parcel.

Soil logs 9, 10, 11 & 12, all on the 17acre parcel R13333-328-3290, has permeable soils that would support an onsite septic system but they were saturated in the top 12". The shallow saturation does not meet the vertical separation standard for unsaturated soils. I returned the first week of May to see if the water table had subsided since the health department left the wet season open for an extra week. The soils were still saturated in the top 12".

The following are the results and recommendations for the 17 acre parcel:

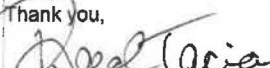
1. There are permeable soils on this site that will allow for a septic system installation provided the wet season high water table can be lowered.
2. There is a gentle slope to the southwest throughout the parcel that should allow for draining a septic site.
3. If the owner decides to pursue draining a septic site, then I believe we should meet onsite to create a plan to install a curtain drain to lower the wet season water table.

Due to the soils saturation the 17 acre site is turned down for a septic permit at this time.

I have completed the Site Registration document and it is recorded (copy attached).

If you have any questions please contact me to discuss our options.

Thank you,


Reed Tacia, President
Reed's Construction, Inc.

ISLAND COUNTY HEALTH DEPARTMENT

P. O. Box 5000 • Coupeville, WA 98239 • (360) 679-7350/321-5111
121 N. East Camano Dr. • Camano Island, WA 98292 • (360) 387-3443

SITE REGISTRATION RECEIVED

RECEIPT # EH-18-00666

SEP 17 2018

SITE REG. # SR2018-153DATE: 10/63/2018

IS. CO. PUBLIC HEALTH

DESIGNER: Reed A. Taglia

This is **NOT** a sewage disposal permit nor a guarantee one will be issued. This site registration is for ONE building site only. Any other permits or further subdivisions will require additional site registration fees at that time.

APPLICANT'S NAME: Jimmy BarnesADDRESS: 2659 ARLINE WAY OAK HARBOR, WA 98277

OWNER'S NAME (if different from applicant): _____

PARCEL #: R13333-329-3290

PROP. S/P: _____ LOT #: _____

NAME OF PLAT: _____ DIV. _____ BLOCK _____ LOT _____

LOCATION OF CONSTRUCTION SITE: 2659 ARLINE WAY OAK HARBOR, WA 98277

INSTRUCTIONS: Fill out this form completely — both sides. Soil logs should be made per Island County Health Department Rules and Regulations. On the reverse side, a blank space is reserved for a scaled drawing or an accurate plot plan drawn to scale of the site to include soil log holes (numbered), perc holes (numbered), property lines and dimensions, wells, bodies of water, topographical depictions, curtain drains, roads, etc.

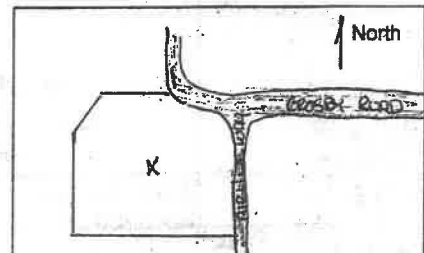
All soil logs or other soil tests made for the purpose of securing a permit to construct a sewage disposal system must be filed with appropriate fees (NON-REFUNDABLE) on forms provided by the Health Department within 20 working days of the date the tests were completed by the designer/installer, professional engineer, or registered sanitarian who performed the tests.

DESIGNER'S COMMENTS: SOILS RECORDED AS A PARENT PARCEL
for future subdivision. mostly open pasture with
large wet lands and road.

ADDITIONAL WET SEASON COMMENTS: _____

DATE: _____

VICINITY MAP



The undersigned Island County Health Department representative has witnessed the following soil logs and finds them to be accurately represented. It appears that this site *** IS NOT** capable of supporting an on-site sewage disposal system for a single family residence meeting **CURRENT** Island County Health Department policies and regulations, subject to any of the above comments and restrictions. (Any person may appeal this decision in writing within ten (10) days of the date of the decision.)

NOTE: Changes to this site such as grading, cuts, filling or clearing could make this certification NULL & VOID.

SIGNATURE/TITLE OF HEALTH DEPARTMENT REPRESENTATIVE _____

DATE _____

DATE INSPECTED BY THE HEALTH DEPARTMENT 04/24/2018HEALTH DEPARTMENT COMMENTS: * Soil logs #1, #2 & #3 show alternative system
soils; Soil logs #4, #5, #7 & #10 Require winter perc;
Soil logs #6, #8, #9, #11 & #12 are not usable for sub-
Surface disposal due to minimal depths to standing
water.

(Revised 6/13/96)

DATE: _____

INITIALS: _____

Rejected
 SR2018-152

SOIL LOG # 4 RTS: 15" APPLICATION SOIL
 RATE TYPE
0 TO 11 IN. 48 IV
11 TO 15 IN. SAME AS #1 48 IV
15 TO 21 IN. 4 V
 TO _____ IN. _____
 WATER TABLE: SOIL IMPERVIOUS SOIL: WKK
2

SOIL LOG # 5 RTS: 13" APPLICATION SOIL
 RATE TYPE
0 TO 13 IN. SAME AS #1 48 IV
13 TO 19 IN. 48 IV
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: 13" IMPERVIOUS SOIL: WKK

SOIL LOG # 6 RTS: 20 APPLICATION SOIL
 RATE TYPE
0 TO 10 IN. SAME AS #1 48 IV
10 TO 28 IN. 48 IV
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: 10" IMPERVIOUS SOIL: WKK

SOIL LOG # 7 RTS: 15" APPLICATION SOIL
 RATE TYPE
0 TO 10 IN. _____
10 TO 15 IN. SAME AS #1 _____
15 TO 26 IN. _____
 TO _____ IN. _____
 WATER TABLE: 15" IMPERVIOUS SOIL: WKK

SOIL LOG # 8 RTS: 16 APPLICATION SOIL
 RATE TYPE
0 TO 11 IN. _____
11 TO 16 IN. SAME AS #1 _____
16 TO 24 IN. _____
 TO _____ IN. _____
 WATER TABLE: 11 IMPERVIOUS SOIL: WKK

SOIL LOG # 9 RTS: 10" APPLICATION SOIL
 RATE TYPE
0 TO 10 IN. DRX B20 31 48 IV
10 TO 15 IN. DRX/TBN 1ES 48 IV
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: 10" IMPERVIOUS SOIL: WKK

SOIL LOG # 10 RTS: 12" APPLICATION SOIL
 RATE TYPE
0 TO 12 IN. _____
12 TO 18 IN. SAME AS #9 _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: 12" IMPERVIOUS SOIL: WKK

SOIL LOG # 11 RTS: 9" APPLICATION SOIL
 RATE TYPE
0 TO 9 IN. SAME AS #9 _____
9 TO 19 IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: 9" IMPERVIOUS SOIL: WKK

SOIL LOG # 12 RTS: 7" APPLICATION SOIL
 RATE TYPE
0 TO 7 IN. _____
7 TO 19 IN. SAME AS #9 _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: 7" IMPERVIOUS SOIL: WKK

SOIL LOG # _____ RTS: _____ APPLICATION SOIL
 RATE TYPE
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: _____ IMPERVIOUS SOIL: _____

SOIL LOG # _____ RTS: _____ APPLICATION SOIL
 RATE TYPE
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: _____ IMPERVIOUS SOIL: _____

SOIL LOG # _____ RTS: _____ APPLICATION SOIL
 RATE TYPE
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: _____ IMPERVIOUS SOIL: _____

SOIL LOG # _____ RTS: _____ APPLICATION SOIL
 RATE TYPE
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: _____ IMPERVIOUS SOIL: _____

SOIL LOG # _____ RTS: _____ APPLICATION SOIL
 RATE TYPE
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: _____ IMPERVIOUS SOIL: _____

SOIL LOG # _____ RTS: _____ APPLICATION SOIL
 RATE TYPE
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: _____ IMPERVIOUS SOIL: _____

SOIL LOG # _____ RTS: _____ APPLICATION SOIL
 RATE TYPE
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 TO _____ IN. _____
 WATER TABLE: _____ IMPERVIOUS SOIL: _____

CERTIFICATION

I HEREBY CERTIFY THIS INFORMATION
 TO BE CORRECT AND THE TESTS WERE
 PERFORMED BY ME AS PRESCRIBED ON:

4-24-2018
 DATE

SIGNATURE OF LICENSED DESIGNER,
 REGISTERED SANITARIAN, PROFESSIONAL
 ENGINEER OR HOME OWNER.



8-12-2020

NOTE:

CHANGES TO THIS SITE, SUCH
 AS GRADING, CUTS, FILLING OR
 CLEARING COULD MAKE THIS
 CERTIFICATION NULL AND VOID
 (10/1/92)

Accurate Plot Plan Drawn to Scale
 Soil Logs: [✓] Perc Tests: []
 Scale Used: 1" = 200'

PARENT LINED SOILS WERE RECORDED

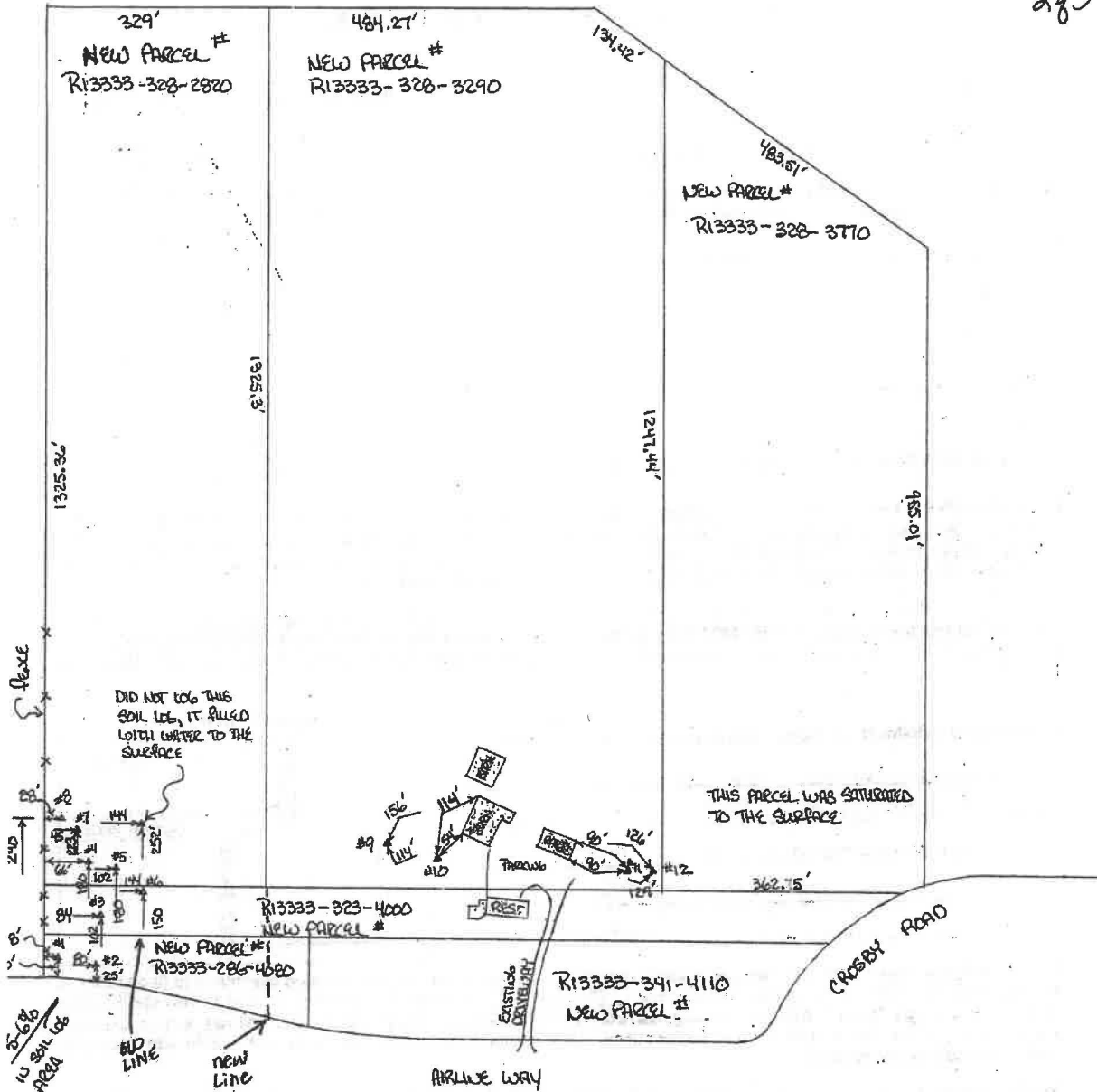
Parcel # R13223-329-3290
 Size: 1.8866 Acres: ~.404

Site Reg # SR2018-152

Rejected

NORTH

283



Soil Log #1

Depth	Soil Description	Rate	Type
0 to 15 In.	DRY CEN S L	48	IV
15 to 19 In.	LT CEN LPS	48	IV
19 to 46 In.	GRAY MOTT COMP LPS	4	VI
46 to 63 In.	GRAY CEN LPS	0	VII
Water Table:	SAT 19" EX 19"		
Impervious Soil:	46"		

Application Soil Rate Type

Soil Log #2

Depth	Soil Description	Rate	Type
0 to 13 In.			IV
13 to 19 In.	SAME AS #1		IV
19 to 57 In.			IV
to In.			
Water Table:	SAT 19" EX 19"		
Impervious Soil:	57"		

Application Soil Rate Type

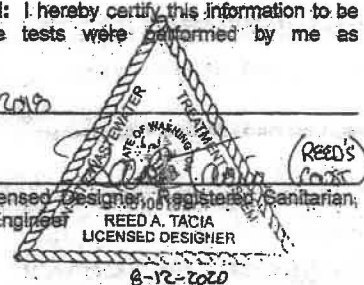
Soil Log #3

Depth	Soil Description	Rate	Type
0 to 11 In.			IV
11 to 24 In.	SAME AS #1		IV
24 to 27 In.			IV
to In.			
Water Table:	SAT 24" EX 24"		
Impervious Soil:	WOK		

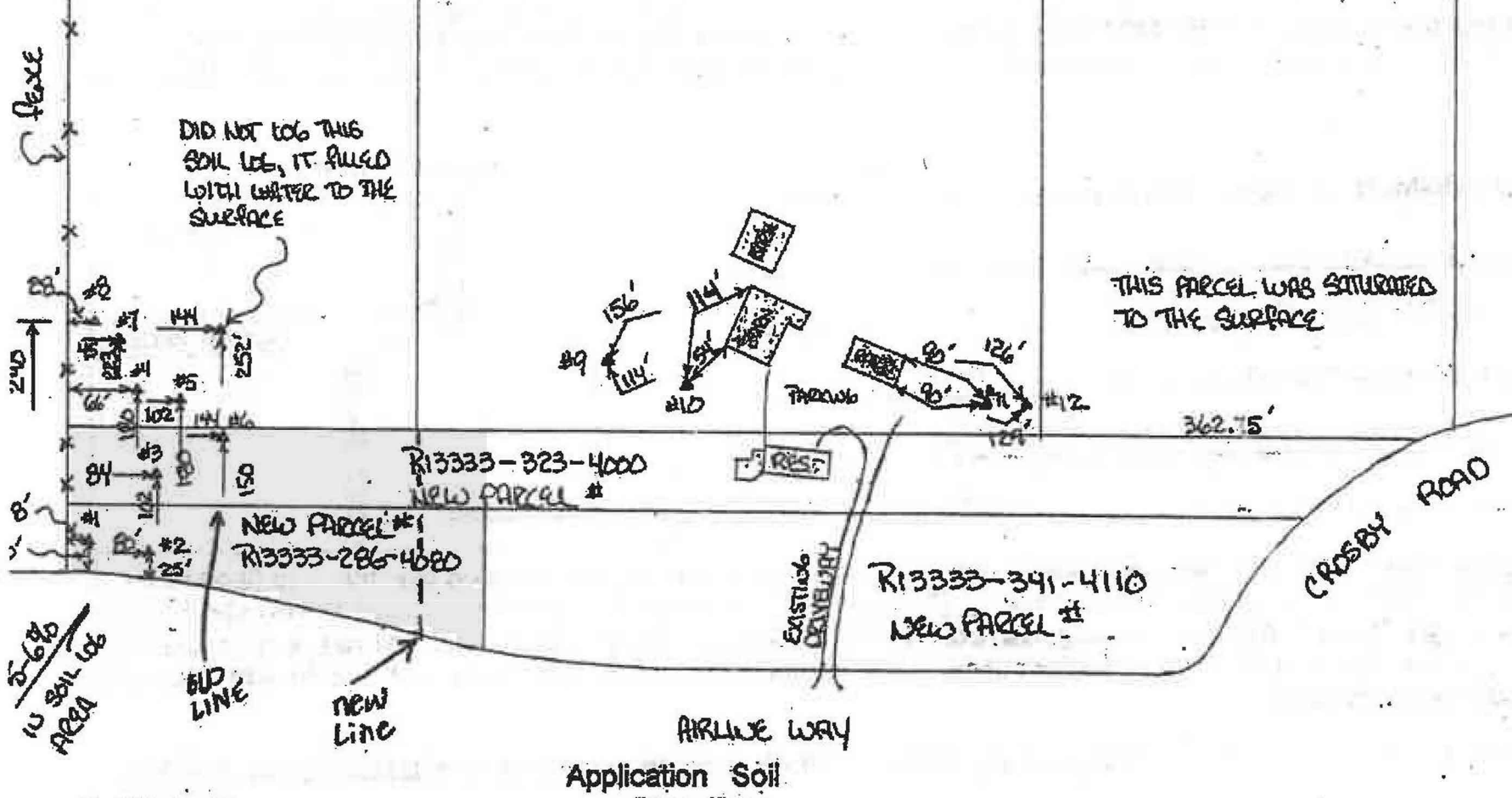
CERTIFICATION: I hereby certify this information to be correct and the tests were performed by me as prescribed on:

DATE: 4-24-2020

Signature of Licensed Designer, Registered Sanitarian, or Professional Engineer



NOTE: Changes to this site such as grading, cuts, filling, or clearing could make this certification NULL and VOID.



Accurate Plot Plan Drawn to Scale

Soil Logs [✓] Perc Tests [] Parcel # R13333-329-3290

Scale Used: 1" = 200'

Size: IRREG

Acres: ~404

Site Reg. # SR2018-152

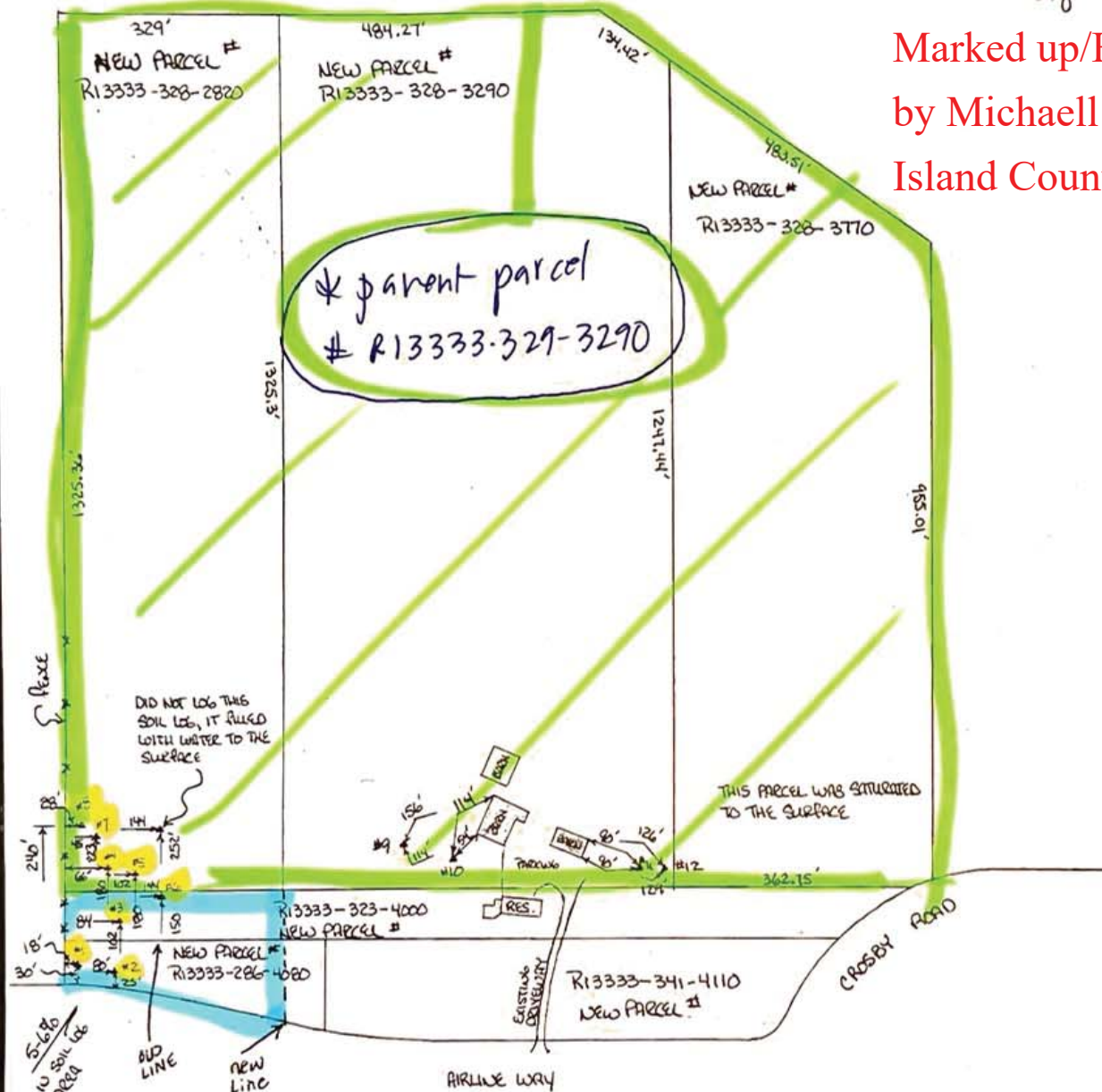
NORTH

PARENT LINED SOILS WERE RECORDED

Rejected

283

Marked up/Highlighted
by Michael Guinn
Island County Sanitarian



Soil Log #1

0 to 15 In.	DRY GRN S L	48	IV
15 to 19 In.	LT GRN LPS	48	IV
19 to 46 In.	GRY MORT COMP LPS	4	VI
46 to 63 In.	GRY CFM LPS	0	VII
Water Table:	SAT 19" EX 19"		

Application Soil Rate Type

Soil Log #2

0 to 13 In.			IV
13 to 19 In.	SAME AS #1		IV
19 to 57 In.			VI
to In.			
Water Table:	SAT 19" EX 19"		

Application Soil Rate Type

Soil Log #3

0 to 11 In.			IV
11 to 24 In.	SAME AS #1		IV
24 to 37 In.			VI
to In.			
Water Table:	SAT 24" EX 24"		

Application Soil Rate Type

CERTIFICATION: I hereby certify this information to be correct and the tests were performed by me as prescribed on:

DATE: 4-24-2019

Signature of Licensed Designer, Registered Sanitarian, or Professional Engineer

REED A. TACIA
LICENSED DESIGNER
8-12-2020

NOTE: Changes to this site such as grading, cuts, filling, or clearing could make this certification NULL and VOID.