



Advanced Septic Consulting Inc.

Site Evaluation & Soil Report for Lot 2 @ Parcel Number: WC3614004

December 26, 2022

Project Number: 22-101.2

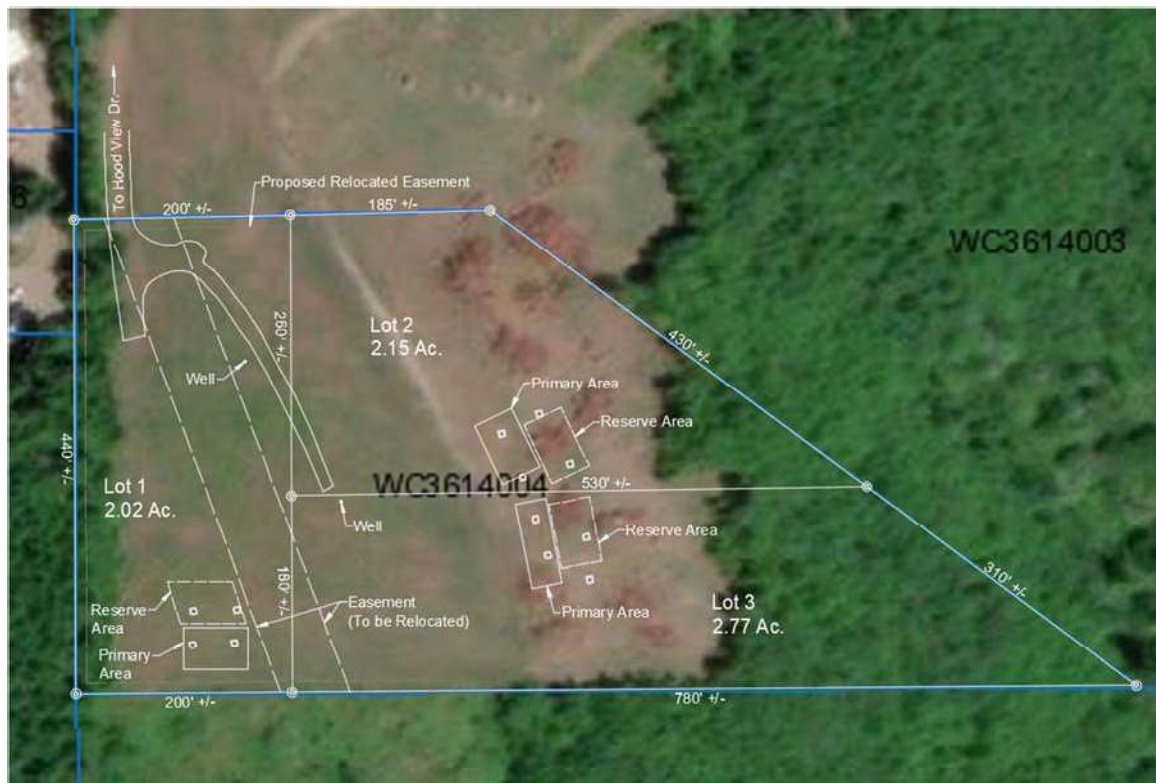
Customer: Chilton Inc., 1760 Down River Dr. Woodland, Washington 98674

Project Location: Hood View Dr. Kalama, Washington 98625

Section: 36 Township: 6N Range: 1W

Parcel Number: WC3614004 Acres: 2.15 No. Bedrooms: 3 Lot: 2 of 3

Type of Water Supply: Existing Shared Well on Lot 3





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Project Location: Hood View Dr. Kalama, Washington 98625

Section: 36 Township: 6N Range: 1W

Parcel Number: WC3614004 Acres: 2.15 No. Bedrooms: 3 Lot: 2 of 3

Distance to Water Supply: Existing Shared Well on Lot 3, 140' Southwest of Proposed Septic Area

Site Characteristics:

The site is located within USDA-NRCS mapping unit 125 – Mart Silt Loam. Typical depth to the water table is greater than 80". The site is well drained in the septic areas with no mottling noted to 60"+. A restrictive layer was noted ranging from 48 to 60" in the primary area and from 36 to 65" in the reserve area. Typical slope ranges from 20 to 30%. The proposed primary septic area is on an east facing slope with a slope ranging from 20 to 30%. Vegetation in the septic area has recently been cleared.

Soil Evaluation:

	<u>Depth</u>	<u>Soil</u>	<u>Type</u>	<u>Structure</u>	<u>Color</u>	<u>Roots</u>	<u>Mottling</u>
Test Hole #1	0-24"	st, g, SiL	5	gr, m	7.5yr3/3	m/m, f	None
	24-65"	g, CL	5	2, m, sbk	Mixed	f/f	None
	65"+	Fractured Rock					
Test Hole #2	0-16"	st, g, SiL	5	gr, m	7.5yr3/3	m/m, f	None
	16-36"	g, CL	5	2, m, sbk	Mixed	f/f	None
	36-60"	g, CL	7	Massive	Mixed	None	None
Test Hole #3	0-8"	st, g, SiL	5	gr, m	7.5yr3/3	m/m, f	None
	8-48"	st, g, CL	5	2, m, sbk	Mixed	f/f	None
	48-60"	g, CL	7	Massive	Mixed	None	None
Test Hole #4	0-16"	st, g, SiL	5	gr, m	7.5yr3/3	m/m, f	None
	16-65"	g, CL	5	2, m, sbk	Mixed	f/f	None
	65"+	g, CL	7	Massive	Mixed	None	None

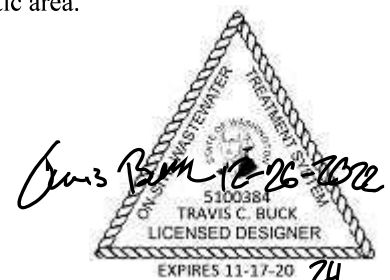
Design Requirements:

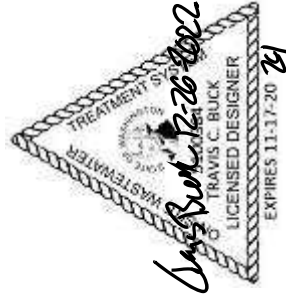
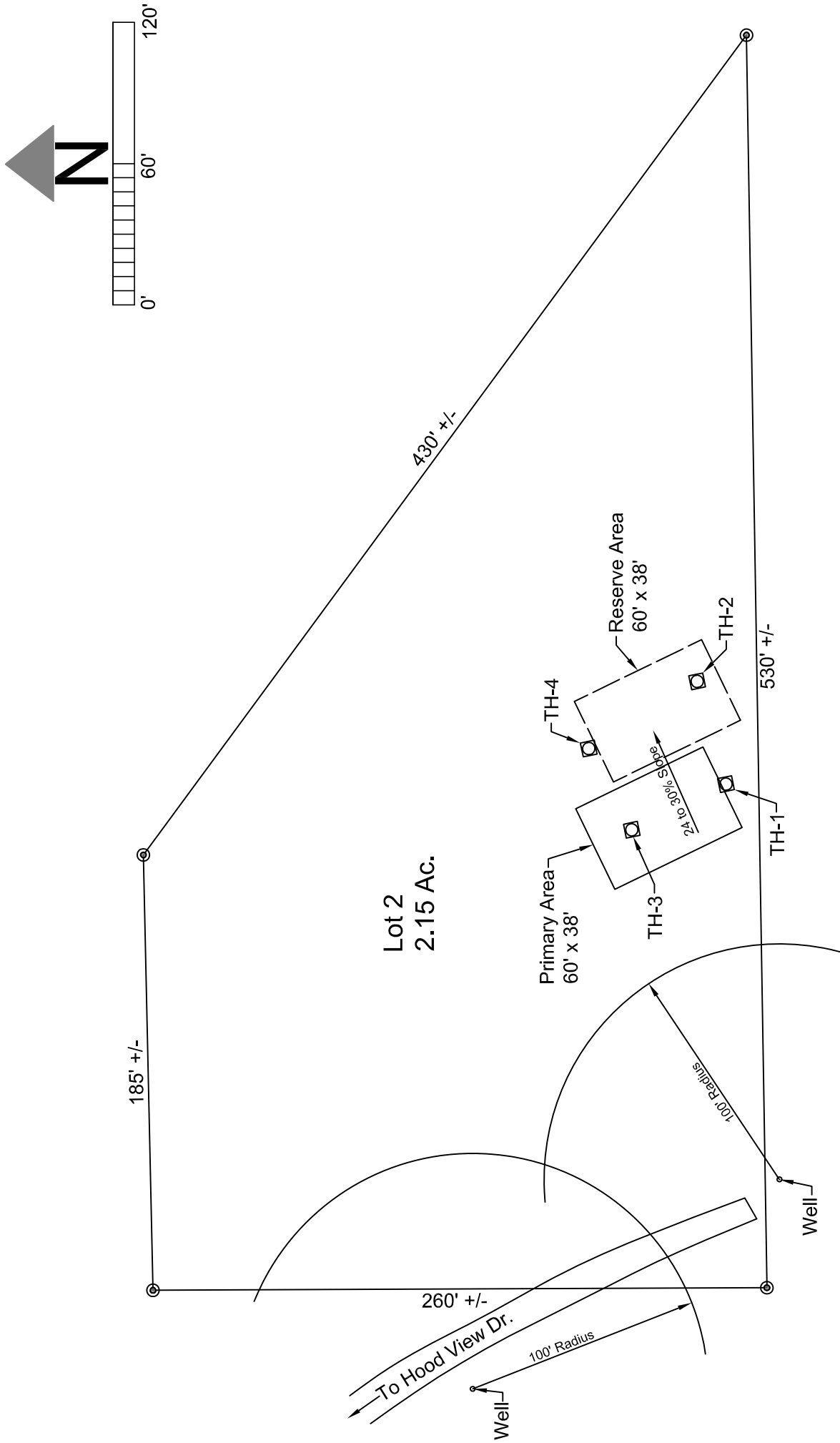
Based upon the evaluation performed on April 6, 2022 it is my determination that the primary area is adequate for the use of a Standard Pressure Distribution system meeting Treatment Level E to service the on-site septic needs of the future home.

The primary area will require 900 sq. ft. of drain field and 2,250 sq. ft. of land area.

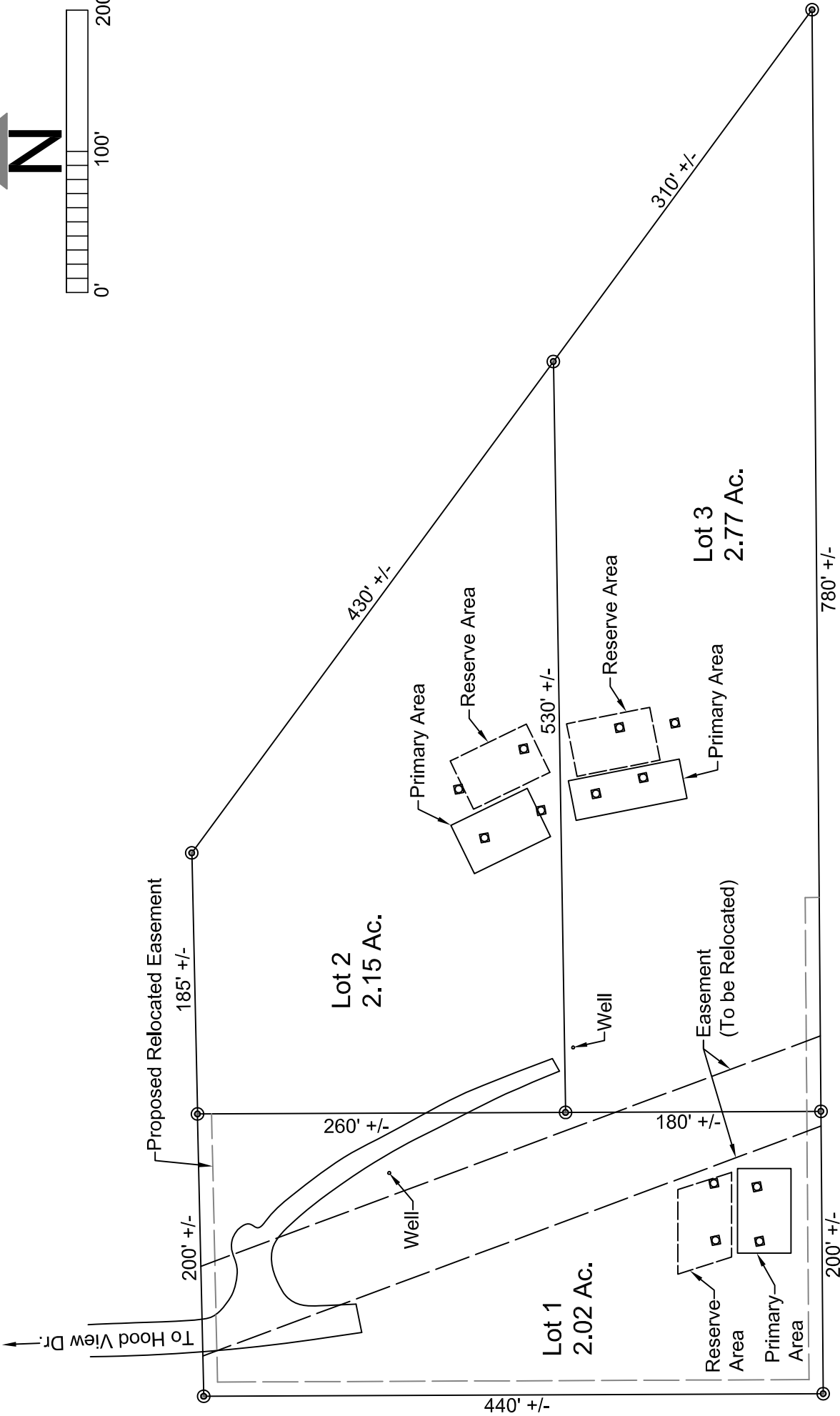
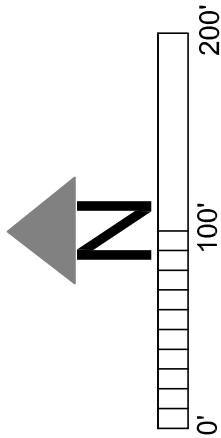
The reserve area has been designated for the use of a Pre-Treatment Level B system followed by a Pressure Distribution system and will require 900 sq. ft. of drain field and 2,250 sq. ft. of land area.

Other comments or concerns: A siphon may be possible to provide pressure distribution to the primary septic area as long as enough fall is available from the proposed building site to the primary septic area.





Chilton Inc Parcel Number: WC3614004 Kalama, Washington 98625	Advanced Septic Consulting Inc. 3210 Westside Hwy. Castle Rock, Washington 98611 Cell: 360-433-5476 E-Mail: dirtwhisperer@gmail.com		Design: 22-101.2	Date: 12/12/2022
			Drawing: 1	Scale: 1" = 60'



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			Drawing: 2	Scale: 1" = 100'