



Cowlitz County Health & Human Services Department

Environmental Health Unit
207 Fourth Avenue North, Kelso, WA 98626
TEL (360) 414-5599 FAX (360) 425-7531
www.co.cowlitz.wa.us/hhs

SOILS EVALUATION CHECKLIST

Project Address (if available): Windsock Rd. Parcel No.: EM2405009
Plat #: _____ Lot #: 1 of 4 Acreage 2.86 Method II Analysis Required (Indicate One): ☐ Yes ☒ No
Name: JCP LLC Choose one: ☒ Owner ☐ Applicant ☐ Authorized Agent
Designer: Travis Buck #Bedrooms/GPD: NA Water Supply: ☐ Public ☒ Well (choose one)
Proposed System Type: Standard Gravity Flow

Proposed Treatment Level (choose one): ☐ A ☐ B ☐ C ☐ D ☒ E ☐ N

DESIGNER INITIAL		STAFF INITIAL
<u>TB</u>	1. Completed EHU Master Application*, including parcel # and address (if available)	
<u>TB</u>	2. A Cowlitz County Planning Certification form had been completed (please circle: YES or NO)	
<u>TB</u>	3. Name & Address of property owner and applicant on each page of submission. [WAC 246-272A-0200(1)(a)(i)]	
<u>TB</u>	4. Each page of submission is stamped, signed, and dated by a Washington State Professional Engineer or Onsite Wastewater Designer (RCW 18.210.130, WAC 196-33-500) (The Soil Log/Evaluation Report may be completed by a soil scientist)	
<u>TB</u>	5. A site plan is attached and shows general topography and /or slope are shown on the parcel for the applicable areas	
<u>TB</u>	6. Site plan shows test-hole locations, primary and reserve drainfield areas, and the well or proposed well location with 100' radius around the well or proposed well.	
<u>TB</u>	7. Numbered Soil Log/Evaluation Report dated and attached with texture, structure, and other soil characteristics.	
<u>TB</u>	8. The site is ready for inspection: • Clear and concise directions to inspection site are provided (if necessary). • Entrance to property is clearly marked • Primary and reserve areas are labeled** • Test pits are open and labeled with at least two soil logs within / immediately adjacent to the primary and reserve area; test pits match the soil log	N/A

Comments: _____

Permit Number (For official use) _____

* Not required for online application.

** If the site is constricted and horizontal setback are in question, we reserve the right to have the designer re-stake the area.

For more information, contact OMseptic@co.cowlitz.wa.us. Permit intake and issuance hours are Monday through Thursday, 7:30 am – 5:30 pm.



Advanced Septic Consulting Inc.

Site Evaluation & Soil Report Lot 1 @ Parcel Number: EM2405009

April 16, 2026

Design Number: 26-103.1

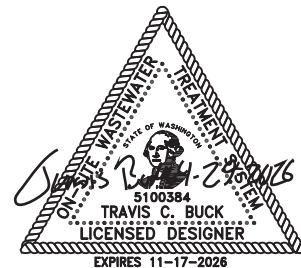
Customer: JCP LLC, 1760 Down River Dr. Woodland, Washington 98674

Project Location: Windsock Rd. Ariel, Washington 98603

Section: 24 Township: 6N Range: 3E Lot: 1 of 4

Parcel Number: EM2405009 Acres: 2.86

Type of Water Supply: Existing Well





Advanced Septic Consulting Inc.

April 16, 2026

Design Number: 26-103.1

Customer: JCP LLC, 1760 Down River Dr. Woodland, Washington 98674

Project Location: Windsock Rd. Ariel, Washington 98603

Section: 24 Township: 6N Range: 3E Lot: 1 of 4

Parcel Number: EM2405009 Acres: 2.86

Distance to Water Supply: Existing Well 115' Northeast of Proposed Septic Area

Site Characteristics:

The site is located within USDA-NRCS mapping unit 25 – Cinebar Silt Loam. Typical depth to the water table is greater than 80 inches. The site is well drained in the usable land area with slight to moderate mottling and a restrictive layer noted ranging from 49 to 60 inches. Typical slope ranges from 0 to 5%. The proposed primary septic area is on a south facing slope with a slope ranging from 1 to 2%. Vegetation in the septic area mainly consists of field grass.

Soil Evaluation:

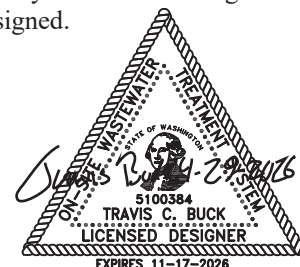
	<u>Depth</u>	<u>Soil</u>	<u>Type</u>	<u>Structure</u>	<u>Color</u>	<u>Roots</u>	<u>Mottling</u>
Test Hole #1	0-9"	L	4	3, m, gr	10yr2/2	m/m, f	None
	9-49"	sL	4	2, m, sbk	10yr5/4	c/m, f	None
	49-55"	L	7	1, co, abk	Mixed	None	Slight
Test Hole #2	0-12"	L	4	3, m, gr	10yr2/2	m/m, f	None
	12-56"	sL	4	2, m, sbk	10yr5/4	c/m, f	None
	56-60"	L	7	1, co, abk	Mixed	None	Slight
Test Hole #3	0-10"	L	4	3, m, gr	10yr2/2	m/m, f	None
	10-50"	sL	4	2, m, sbk	10yr5/4	c/m, f	None
	50-52"	L	7	1, co, abk	Mixed	None	Moderate
Test Hole #4	0-13"	L	4	3, m, gr	10yr2/2	m/m, f	None
	13-60"	sL	4	2, m, sbk	10yr5/4	c/m, f	None

Design Requirements:

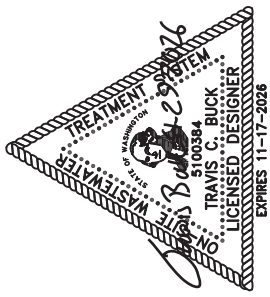
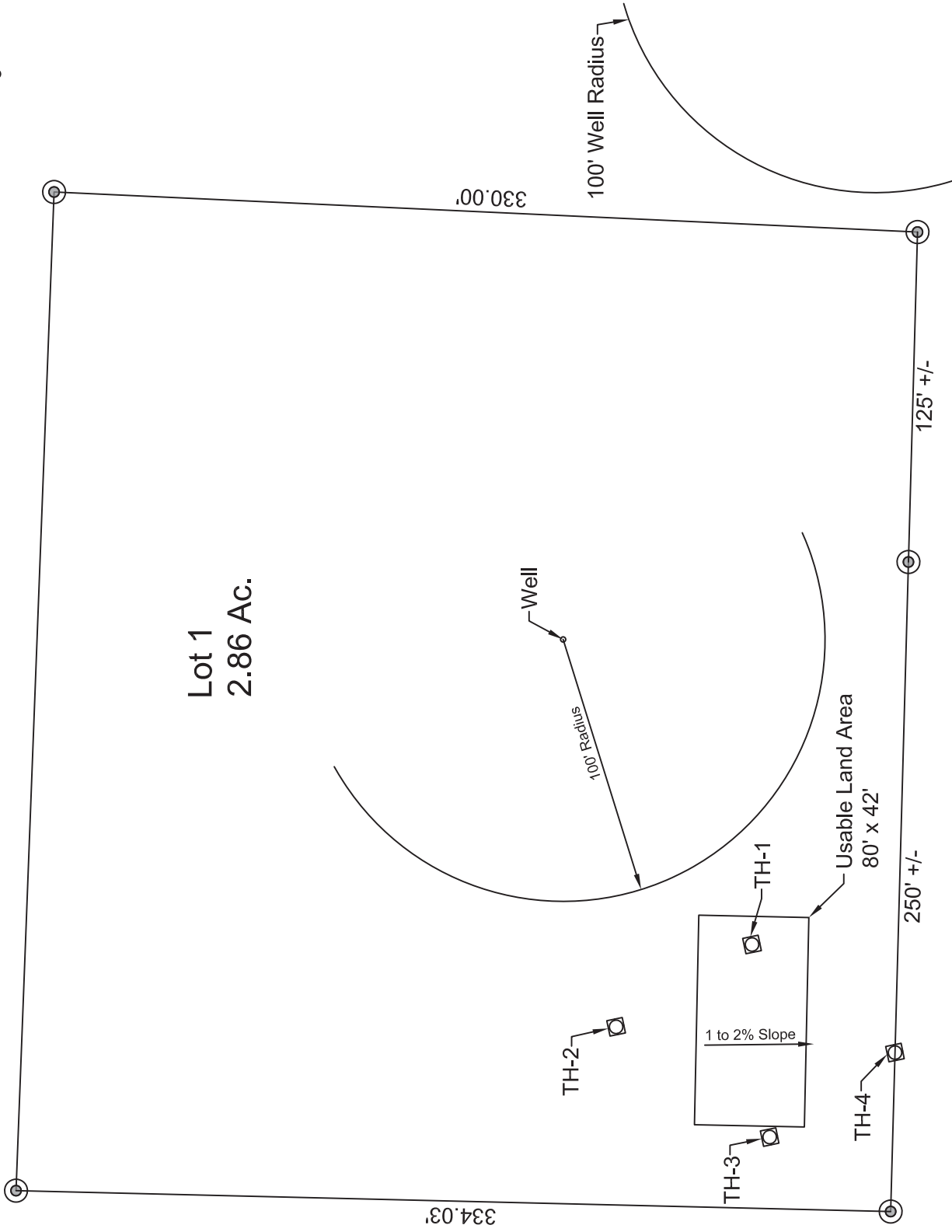
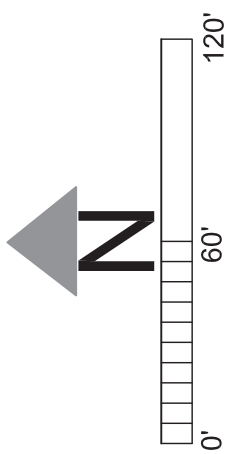
Based upon the soil evaluation performed on April 15, 2026 the soil onsite is a type 4 soil and requires a designation of 3,333 sq. ft. of usable land area available for septic designation.

The usable land area shown is adequate for a standard gravity flow system meeting treatment level E.

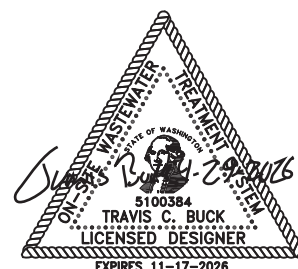
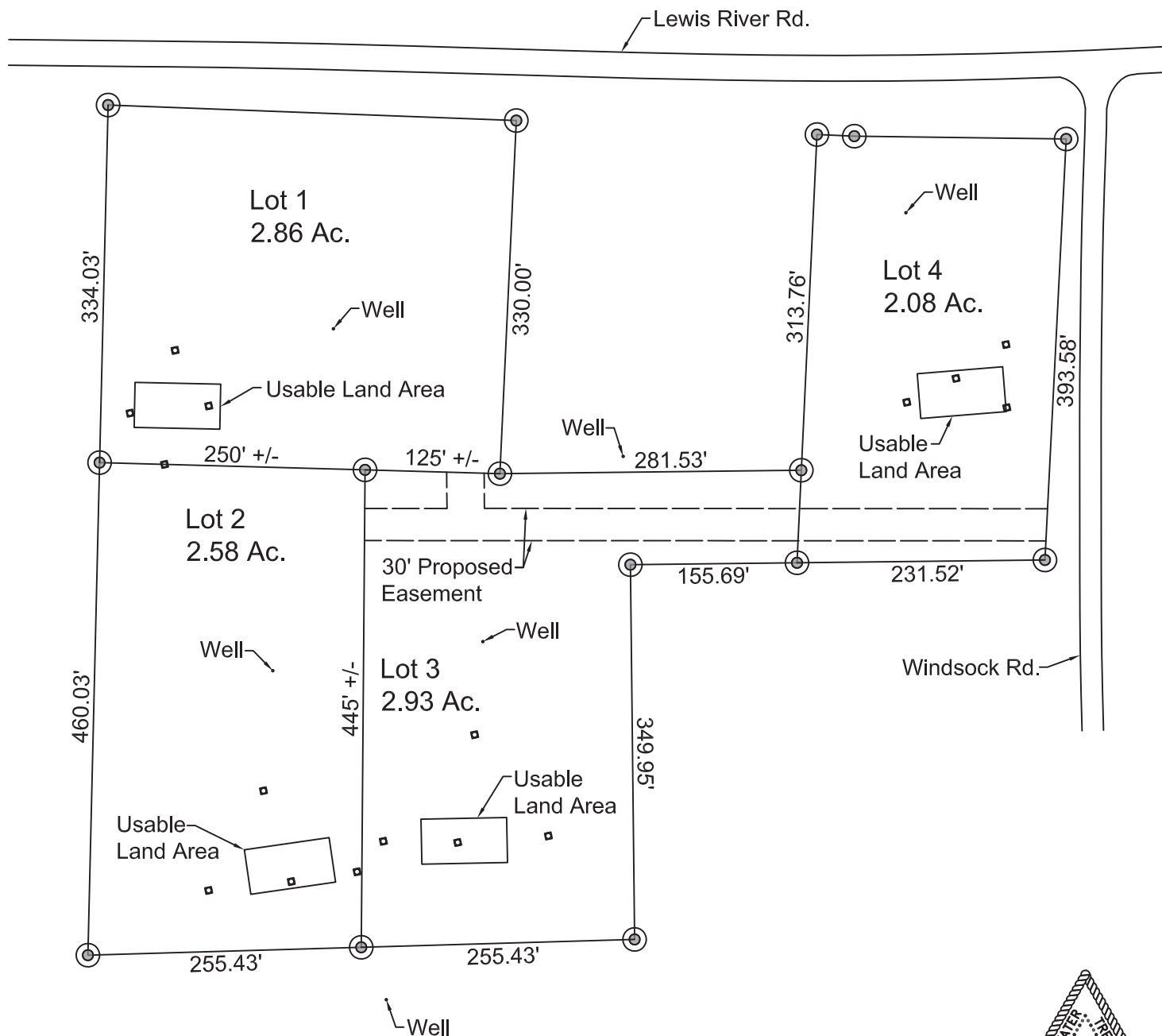
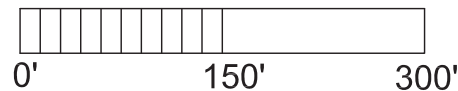
Other comments or concerns: The minimum usable land area required is based on table IV WAC 246-272A. Criteria for determining useable land area is based on WAC 246-272A required setbacks and does not guarantee that future studies performed as part of the environmental planning process will not have an impact on the useable land area. For septic design purposes, the land area required for septic design approval may be smaller or larger than the area shown on this report based on the number of bedrooms and type of system designed.



Lewis River Rd.



JCP LLC Parcel Number: EM2405009 Ariel, Washington 98603	Advanced Septic Consulting Inc. 3210 Westside Hwy. Castle Rock, Washington 98611 Cell: 360-433-5476 E-Mail: dirtwhisperer@gmail.com	
	Design: 26-103.1	Date: 4/16/2026
	Drawing: 1	Scale: 1" = 60'



JCP LLC
Parcel Number: EM2405009
Ariel, Washington 98603

Advanced Septic Consulting Inc.
3210 Westside Hwy. Castle Rock, Washington 98611
Cell: 360-433-5476 E-Mail: dirtwhisperer@gmail.com

Design: 26-103	Date: 4/16/2026
Drawing: 2	Scale: 1" = 150'