
Private Sector Construction Permit 32.1-163.5

January 21, 2025

Onsite Sewage System Construction Permit - Va. Code §32.1-163.5

Ralph & Robin Sullivan
764 Butternut Drive
Yellow Spring, WV 26865

RE: Parcel A-1 Bunting Point Road, Wachapreague, VA 23480
Tax Map #: 113-A-38
County: ACCOMACK/001
Permit ID: Septic - 001-STS-94295 Well - 001-WW-49325
HDID # 25-100-0007
System Capacity: Residential, 3 Bedrooms, 450 gallons per day
Reserve: 100% TL-2 reserve area provided
Class IIIA Domestic Well Min. Casing-100' Min. Grout-20'

Dear Ralph & Robin Sullivan:

This letter and the attached drawings, specifications, and calculations (10 pages) dated 01/03/2025, constitute your permit to install a sewage disposal system and well if applicable on the property referenced above. Your application for a permit was submitted pursuant to §32.1-163.5 of the Code of Virginia, which requires the Virginia Department of Health to accept private soil evaluations and designs from an Onsite Soil Evaluator (OSE) or Professional Engineer (PE). VDH is not required to perform a field check to verify the private evaluations of OSEs or PEs and such a field check may not have been conducted for the issuance of this permit.

The soil absorption area ("site"), sewage system design, and the well location and construction if applicable were certified by Robert Savage Private OSE as substantially complying with the Board of Health's regulations. This permit is issued in reliance upon that certification. VDH hereby recognizes that the soil and site conditions acknowledged by this permit are suitable for the installation of an onsite sewage system. The attached plat shows the approved area for the sewage disposal system; there are additional records on file with the Accomack County Health Department pertaining to this permit, including the Site and Soil Evaluation Report. This construction permit is null and void if any substantial physical change in the soil or site conditions occurs where a sewage disposal system is to be located.

If modifications or revisions are necessary between now and when you construct your dwelling, please contact the OSE/PE who performed the evaluation and design on which this permit is based. Should revisions be necessary during construction, your contractor should consult with the OSE/PE that submitted the site evaluation or site evaluation and design. The OSE/PE is authorized to make minor adjustments in the location or design of the system at the time of construction provided adequate documentation is provided to the Accomack County Health Department. The OSE/PE that submitted the certified design for this permit is required to conduct a final inspection of this sewage system when it is installed and to submit an inspection report and completion statement. As the owner, you are responsible for giving reasonable notice to the OSE/PE of the need for a final inspection. No part of this installation shall be covered until it has been inspected by the OSE/PE as noted herein. The sewage system may not be placed into operation until you have obtained an Operation Permit from the Accomack County Health Department.

This Construction Permit is null and void if conditions are changed from those shown on your application or if conditions are changed from those shown on the Site and Soil Evaluation Report and the attached construction drawings, specifications, and calculations. VDH may revoke or modify any permit if, at a later date, it finds that the site and soil conditions and/or design do not substantially comply with the Sewage Handling and Disposal Regulations, 12 VAC 5-610-20 et seq., or if the system would threaten public health or the environment.

This permit approval has been issued in accordance with applicable regulations based on the information and materials provided at the time of application. There may be other local, state, or federal laws or regulations that apply to the proposed construction of this onsite sewage system. The owner is responsible at all times for complying with all applicable local, state, and federal laws and regulations. This construction permit is transferrable until expired or deemed null and void. A permit transfer form may be found on the VDH website at <http://www.vdh.virginia.gov/environmental-health/gmp-2015-01-forms/>. If you have any questions, please contact me.

This permit expires: 07/21/2026.

Sincerely,



Larry J. Hutchens EHS

CC: Robert Savage Private OSE

Well and Sewage Contractors: Please notify Health Department and OSE or PE 48 hours prior to installation to arrange for inspection.

WHAT YOU WILL NEED TO GET YOUR SEPTIC SYSTEM OPERATION PERMIT

Your system must have a satisfactory inspection at the time of installation. This will be done by either a private OSE or a PE, depending on the designer of your permitted system. Your OSE or PE must submit a copy of the inspection results, complete with an as-built diagram, to the Health Department.

Please ensure that your contractor turns in a Completion Statement to the local Health Department after installation.

IF YOUR PERMIT IS FOR BOTH A SEPTIC SYSTEM AND WELL YOU WILL ALSO NEED

Your well must have satisfactory inspection results after installation. Please give the Health Department several days notice to schedule this inspection before your Operation Permit will be requested.

The Health Department must receive a copy of your water sample test result being negative/satisfactory for coliform bacteria.

You are responsible for performing this test and ensuring the results are received at the Health Department

Please ensure that your Well Driller submits a Uniform Water Well Completion Statement or GW-2 to the Health Department, including documentation of a proper well abandonment if required by permit

Allow 5 business days after the last piece of documentation is received for the Operation Permit to be issued. To avoid delays, clearly label each piece of documentation with the property Tax Map/GPIN number and HDID number shown above and on your construction permit. Please note that due to the individual circumstances of your permit there may be additional required items not covered by this checklist.

If you have any questions about any of the items on this list, please do not hesitate to contact the Accomack County Health Department.

OSE/PE Report For:

Construction
PermitRepair
PermitVoluntary Upgrade
PermitCertification
LetterSubdivision
Approval

Property Location:

911 Address: N/A -- Not Yet Assigned City: WachapreagueLot Parcel A-1 Section _____ Subdivision _____GPIN or Tax Map # 113-A-38 Health Dept ID # _____

Latitude _____ Longitude _____

Applicant or Client Mailing Address:

Name: Ralph & Robin SullivanStreet: 764 Butternut DriveCity: Yellow Spring State WV Zip Code 26865

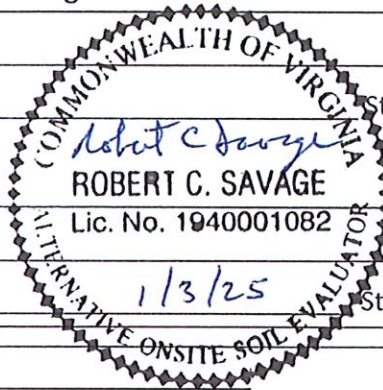
Prepared by:

OSE Name Robert C. Savage License # 1940001082Address P.O. Box 24City Painter State VA Zip Code 23420

PE Name _____ License # _____

Address _____

City _____ State _____ Zip Code _____

Date of Report 1/3/25

Date of Revision #1 _____

OSE/PE Job # Sullivan_2025

Date of Revision #2 _____

Contents/Index of this report (e.g., Site Evaluation Summary, Soil Profile Descriptions, Site Sketch, Abbreviated Design, etc.)

VDH Application

Construction Specs

Site Plan

Schematic Drawing

AOSE Soil Evaluation Report

Well Addendum

Design Calcs

Survey Plat

Certification Statement

I hereby certify that the evaluations and/or designs contained herein were conducted in accordance with the *applicable provisions of the Sewage Handling and Disposal Regulations (12 VAC5-610), the Private Well Regulations (12 VAC5-630), the Regulations for Alternative Onsite Sewage Systems (12VAC5-613)* and all other applicable laws, regulations and policies implemented by the Virginia Department of Health. I further certify that I currently possess any professional license required by the laws and regulations of the Commonwealth that have been duly issued by the applicable agency charged with licensure to perform the work contained herein. The potential for both conventional and alternative onsite sewage systems has been discussed with the owner/applicant.



The work attached to this cover page has been conducted under an exemption to the practice of engineering, specifically the exemption in Code of Virginia Section 54.1-402.A.11

I recommend that a (select one): construction permit ☒ certification letter ☐ subdivision approval ☐ be (select one) Issued ☒
 repair permit ☐ voluntary upgrade ☐ Denied ☐

OSE/PE Signature Robert C. Savage Date January 3, 2025AOSE
WV
NS.

pa 100-000-0007
ck 3518
ec 68983

25-100-0007 2/10

Commonwealth of Virginia

Application for: ☒ Sewage System ☒ Water Supply

VDH Use only
Health Department ID# 25-100-0007
Due Date 1/8/25

Owner Ralph & Robin Sullivan
Mailing Address 764 Butternut Drive
Yellow Spring, WV 26865
Agent Savage Onsite Septic, LLC
Mailing Address P.O. Box 24
Painter, VA 23420
Site Address See Below

Phone _____
Phone _____
Fax _____
Phone 757-710-2681
Phone _____
Fax N/A

Email rsully@frontier.com

Directions to Property: Wachapreague, VA -- Property on right past 31225 Bunting Point Road.

Subdivision _____ Section _____ Block _____ Lot Parcel A-1
Tax Map 113-A-38 Other Property Identification _____ Dimension/Acreage of Property 27.54 Ac.

Sewage System

Type of Approval: Applicants for new construction are advised to apply for a certification letter to determine if land is suitable for a sewage system and to apply for a construction permit (valid for 18 months) **only when ready to build.**

☐ Certification Letter ☒ Construction Permit ☐ Voluntary Upgrade ☐ Repair Permit ☐ Minor Modification

Proposed Use:

Single Family Home (Number of Bedrooms 3) Multi-Family Dwelling (Total Number of Bedrooms _____)

Other (describe) _____

Basement? ☐ Yes ☒ No Walk-out Basement? ☐ Yes ☒ No Fixtures in Basement ☐ Yes ☒ No

Conditional permit desired? ☐ Yes ☒ No If yes, which conditions do you want?

☐ Reduced water flow ☐ Limited Occupancy ☐ Intermittent or seasonal use ☐ Temporary use not to exceed 1 year

Do you wish to apply for a betterment loan eligibility letter? ☐ Yes ☒ No *There is a \$50 fee for determination of eligibility.

Water Supply

Will the water supply be ☐ Public or ☒ Private? Is the water supply ☐ Existing or ☒ Proposed?

If proposed, is this a replacement well? ☐ Yes ☒ No If yes, will the old well be abandoned? ☐ Yes ☒ No

Will any buildings within 50' of the proposed well be termite treated? ☐ Yes ☒ No

Well Type (e.g. domestic use, agricultural, irrigation, etc.) Class III A Well

All Applicants

Is this property intended to serve as your (owners) principal place of residence? ☒ Yes ☐ No

All applications must be accompanied by private sector evaluations and designs, unless a petition for VDH services is approved. Is a Petition for Service form attached? ☐ Yes ☒ No

In order for VDH to process your application for a sewage system you must attach a plat of the property and a site sketch. For water supplies, a plat of the property is recommended and a site sketch is required. The site sketch should show your property lines, actual and/or proposed buildings and the desired location of your well and/or sewage system. When the site evaluation is conducted the property lines, building location and the proposed well and sewage sites must be clearly marked and the property sufficiently visible to see the topography. I give permission to the Virginia Department of Health to enter onto the property described during normal business hours for the purpose of processing this application and to perform quality assurance checks of evaluations and designs certified by a private sector Onsite Soil Evaluator or Professional Engineer as necessary until the sewage disposal system and/or private water supply has been constructed and approved.

Signature of Owner/ Agent

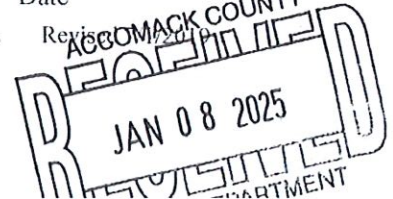
Robert C. Savage
ROBERT C. SAVAGE
Lic. No. 1940001092

January 3, 2025

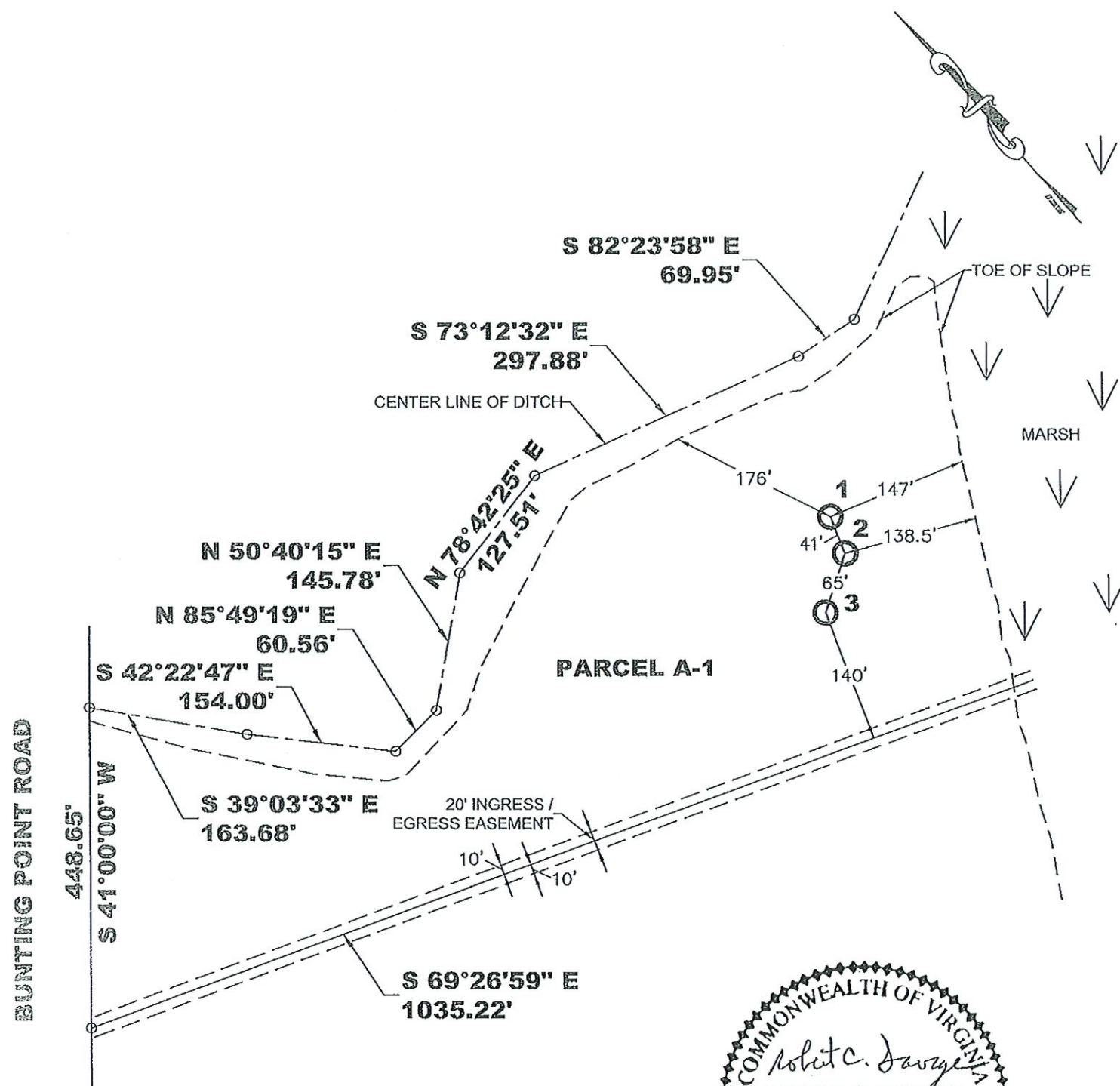
Date

This form contains personal information subject to disclosure under the Freedom of Information Act.

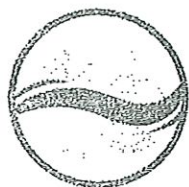
Revised 1/1/2019
Accomack County



001-WW-49325
001-STS-94295

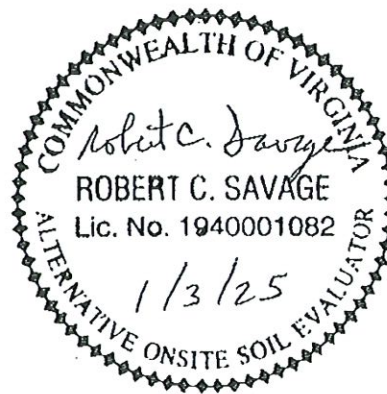


SCALE: 1" = 150'



SOS

Savage Onsite Septic



Drafter: IDV

Site and Soil Evaluation Report

VDH Use Only

HDIN: _____

General Information

Date: December 17, 2024AccomackCounty Health Department

Owner: Ralph & Robin SullivanPhone: _____

Owner Address: 764 Butternut Drive, Yellow Spring, WV 26865

Property Address: Wachapreague, VA -- Property on right past 31225 Bunting Point Road.

Tax Map/GPIN #: 113-A-38

Subdivision: _____Section: _____Block: _____Lot: A-1

Soil Information Summary

1. Position in landscape satisfactory: ☒ Yes ☐ NoDescribe landscape position: Side Slope

2. Slope: <1 %

3. Depth to rock/impervious strata: Max. _____ in. Min. _____ in. ☒ Not observed

4. Free Water Present: ☒ Yes ☐ NoRange in inches: 46

5. Depth to seasonal water table (gray mottling or gray color): _____ inches ☒ Not observed

6. Soil percolation rate estimated: ☒ Yes ☐ NoEstimated rate: 30 min/in at 24 inches depth

Texture Group: ☐ I☒ II☐ III☐ IV

7. Percolation test performed: ☐ Yes☒ NoIf yes, provide additional data on percolation test results.

Name and title of evaluator: Robert C. Savage, Master AOSE

Signature: _____

☒ Site approved: Absorption trenches(describe dispersal area, e.g. absorption trenches) dispersing STE (proposed level of treatment at time of evaluation) to be placed at 24 (inches) depth at site designated on permit. Site provides a total of 600 square feet of absorption area for primary and reserve (if applicable).

☐ Site disapproved: Reasons for rejection (check all that apply)

1. ☐ Position in landscape subject to flooding or periodic saturation.

2. ☐ Insufficient depth of suitable soil over hard rock.

3. ☐ Insufficient depth of suitable soil to seasonal water table.

4. ☐ Rates of absorption too slow.

5. ☐ Insufficient area of acceptable soil for required absorption area, and/or reserve area.

6. ☐ Proposed system too close to well.

7. ☐ Other (specify) _____

COMMONWEALTH OF VIRGINIA
Robert C. Savage
ROBERT C. SAVAGE
Lic No. 1940001082
1/13/25
ALTERNATIVE ONSITE SOIL EVALUATOR

Profile Description

Property ID: 113-A-38

☒ See application sketch ☐ See Construction Permit ☐ See sketch on reverse side or page attached to this form.

COMMONWEALTH OF VIRGINIA
Robert C. Savage
 ROBERT C. SAVAGE
 Lic. No. 1940001082
 1/3/25
 ALTERNATIVE ONSITE SOIL EVALUATOR

REMARKS:

Commonwealth of Virginia

Design Calculations

Health Department ID# _____ (VDH Use)

PROPERTY IDENTIFICATION

Name of property / site: Ralph & Robin Sullivan

Subdivision _____ Section _____ Block _____ Lot Parcel A-1

Other Property Identification 27.54 Ac. Tax Map No. 113-A-38

DESIGN BASIS

A. Estimated percolation rate: 30 mpi

B. Trench bottom square footage required: (based on X Gravity or _____ LPD)

Per bedroom: 195*

Per 100-gallons: _____

C. Number of bedrooms: 3 (at 150 gallons/bedroom) Total flow from bedrooms: 450 gpd

Other: _____ (at _____ gpd) Total flows from other sources: 0 gpd

_____ (at _____ gpd) Total Sewage Flows = 450 gpd

_____ (at _____ gpd)

AREA CALCULATIONS

D. Length of trenches: 50 ft (length of available area 50 ft)

E. Width of trenches: 3 ft

F. Number of trenches: 4

G. Center-to-center spacing: 9 ft

H. Required width of drainfield: 30 ft (width of available area 30 ft)

I. Total area required: 585 sf

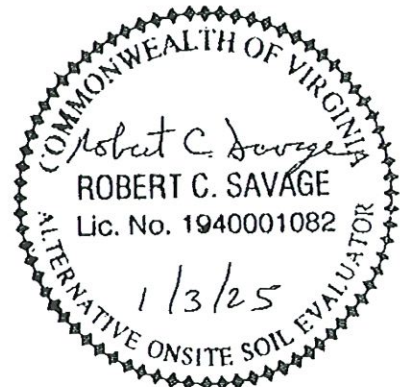
J. Square footage in design: 600 sf

K. Is a reserve area required? X Yes _____ No: _____ Reserve area will require TL-2 Effluent.

Size: 100 % Area provided: 9' x 50'

L. Type: septic tank and conventional (septic tank effluent) drainfield

*Gravelless Substitution Taken -- See Table 1 of GMP #2016-01 -- Ezflow 1203H-GEO



Sewage Disposal System Construction Specifications

Page of

General Information

Accomack County Health Department

ID #

Map reference

113-A-38

New ☒

Repair ☐

Upgrade ☐

Owner Ralph & Robin Sullivan

Telephone

Address 764 Butternut Drive, Yellow Spring, WV 26865

For a Type I Sewage disposal system which is to be constructed on/at Wachapreague, VA -- Property on the right past 31225 Bunting Point Road.

Subdivision

Section

Block

Lot

Parcel A-1

Actual or estimated water use: 450 gpd

DESIGN

NOTES

Water supply, existing: (describe)

To be installed: class III A cased 100' grouted 20'

Building Sewer:

4" I.D. PVC Schedule 40, or equivalent
Slope 1.25" per 10' (minimum).

☐ Other:

Septic tank: Capacity 1,000 gallons (minimum).

☐ Other:

Inlet-Outlet structures:

PVC Schedule 40, 4" tees or equivalent

☐ Other:

Pump and pump station:

No ☒ Yes ☐ describe and show design:

If yes:

Gravity mains: 3" or larger I.D., minimum 6" fall per 100', 1500 lb. Crush strength or eq.

☐ Other:

Distribution Box:

Precast concrete with 5 ports.

☐ Other:

Header lines:

Material: 4" I.D. 1500 lb. Crush strength plastic or equivalent from distribution box to 2' into trench.

Slope 2" minimum

☐ Other:

Percolation lines:

Gravity 4" plastic 1000 lb Ezflow 1203H-GEO Bundles

☒ Other:

Absorption trenches:

Depth of aggregate: 12"*

Trench length: 50'

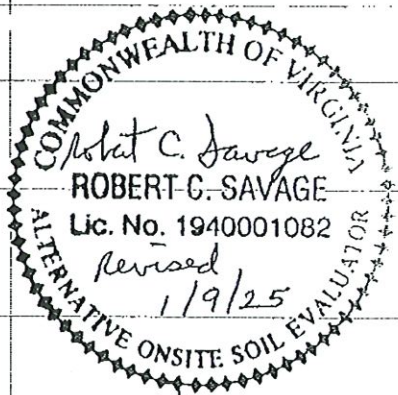
Centers: 9'

Square feet required: 600

Trench width: 3'

Depth from ground surface to bottom of trench: 24"

Number of trenches: 4



*Height of Ezflow 1203H-GEO

Revised 6/99

Inspected by:

Date:

OWNER: RALPH SULLIVAN
TAX MAP# 113-A-38

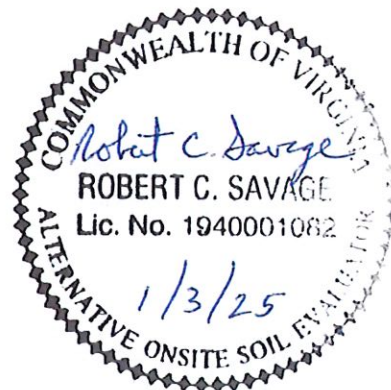
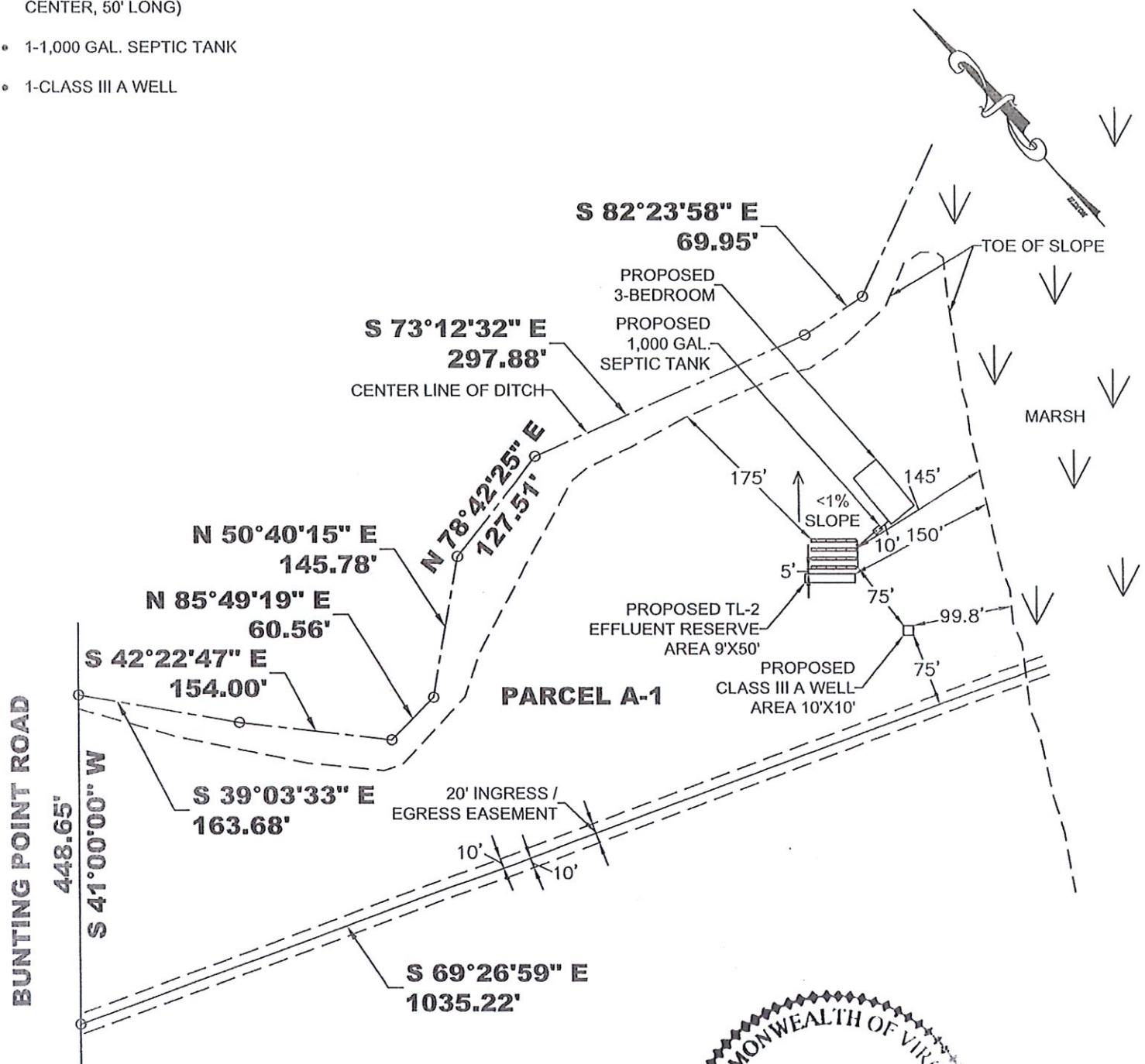
SCHEMATIC DRAWING

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INSTALL:

- 200 LF OF EZFLOW 1203H-GEO AT 24" TRENCH DEPTH (4 TRENCHES, 9' ON CENTER, 50' LONG)
- 1-1,000 GAL. SEPTIC TANK
- 1-CLASS III A WELL

H.D.I. # 25-100-0007



SOS

Savage Onsite Septic

Drafter: IDV

**Addendum to AOSE/PE Certification Statement
For Private Well Construction Permit**

Instructions: Please check one box in 1-3 below. Statement templates for item #2 and #3 are on the following pages.

The proposed well site shown herein,

- ☒ 1. Is located a minimum of 50 feet from all property lines.
- ☐ 2. Is located within 50 feet of the adjacent property line(s) but I have determined that the adjacent property is not used for an agricultural operation.
- ☐ i. Written affirmation from the adjacent property owner(s) that their property is not used for an agricultural operation.
- ☐ ii. Other confirmation that land use is not an agricultural operation, please describe:
- ☐ 3. Is located within 50 feet of an adjacent property line where the property is used for an agricultural operation. For confirmation, I have attached the appropriate documentation pursuant to § 32.1-176.5:2 of the *Code of Virginia*. (check one below)
- ☐ i. Written permission from the adjacent property owner(s) for the well construction.
- ☐ ii. I certify that no other site on the property complies with the Board's Regulations for the construction of a private well.

