

Commonwealth of Virginia

Application for: Sewage System Water Supply

VDH Use only	
Health Department ID#	_____
Due Date	_____

Owner Kelly Lynne Unrein
Mailing Address 7154 Albosta Drive
Saginaw, MI 48609
Agent Adams Septic Evaluation & Design
Mailing Address 4516 Misty Court
Williamsburg, VA 23185
Site Address Spring Farm Road and Troll Lane, Dendron, VA 23839

Phone 989-497- 2500 Ex. 13876
Phone _____
Fax _____
Phone 757-344-6270
Phone _____
Fax _____
Email _____

Directions to Property: Same
Subdivision Unrein Section _____ Block _____ Lot A
Tax Map 48-6-11A Other Property Identification _____ Dimension/Acreage of Property + 10

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.**

Subdivision Appr. Construction Permit Voluntary Upgrade Repair Permit Minor Modification

Proposed Use:
Single Family Home (Number of Bedrooms 4) 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.) Domestic Use

All Applicants

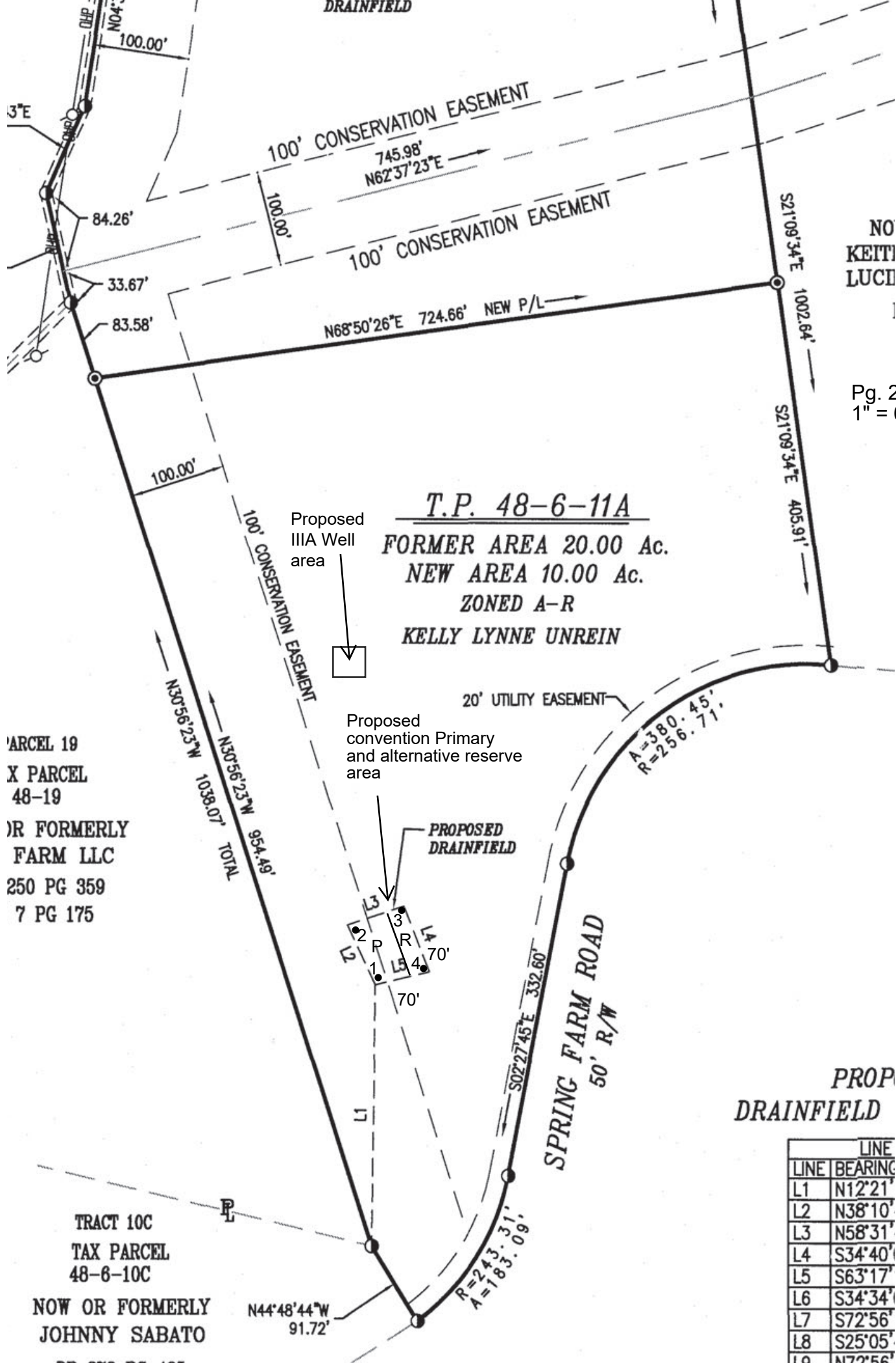
Is this property intended to serve as your (owners) principal place of residence? Yes No
All applications must be accompanied by private sector evaluations and designs, unless a petition for VDH services is approved. Is a Petition for Service form attached? Yes No

In order for VDH to process your application for a sewage system you must attached 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.

Adam C. Herman Digitally signed by Adam C. Herman Date: 2024.03.22 09:36:22 -04'00' 3-22-2024
Signature of Owner/ Agent Date

This form contains personal information subject to disclosure under the Freedom of Information Act. Revised 7/1/2019

DRAINFIELD



NO
KEITH
LUCI

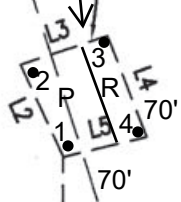
Pg. 2 of 8
1" = 60'

T.P. 48-6-11A
FORMER AREA 20.00 Ac.
NEW AREA 10.00 Ac.
ZONED A-R
KELLY LYNNE UNREIN

PARCEL 19
 X PARCEL
 48-19
 OR FORMERLY
 FARM LLC
 250 PG 359
 7 PG 175

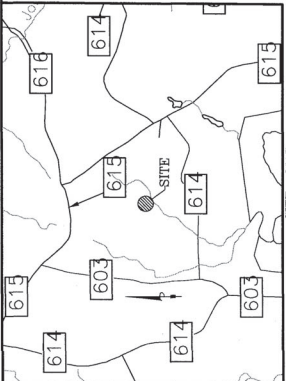
TRACT 10C
 TAX PARCEL
 48-6-10C
 NOW OR FORMERLY
 JOHNNY SABATO
 DB 278 PG 485

Proposed
 convention Primary
 and alternative reserve
 area



**PROP
 DRAINFIELD**

LINE	BEARING
L1	N12°21'
L2	N38°10'
L3	N58°31'
L4	S34°40'
L5	S63°17'
L6	S34°34'
L7	S72°56'
L8	S25°05'
L9	N72°56'



THE PROPERTY SHOWN ON THIS PLAT APPEARS TO BE LOCATED IN ZONE "X" AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY-PANEL NUMBER 510157 0200 E, DATED 4-6-2022.

THIS SURVEY HAS BEEN COMPLETED WITHOUT THE BENEFIT OF A TITLE SEARCH THEREFORE, THIS SURVEY IS SUBJECT TO ANY EASEMENT OF RECORD, LAND TRANSACTIONS AND OTHER PERTINENT FACTS WHICH A TITLE SEARCH MIGHT DISCLOSE.

I HEREBY CERTIFY THAT THIS SUBDIVISION WAS MADE BY ME AT THE DIRECTION OF THE OWNER(S) AND THAT THE SUBDIVISION IS ENTIRELY WITHIN THE BOUNDARIES OF THE LAND OWNED BY KARON MARIE PORTER & KELLY LYNNE UNREIN, THE LAST INSTRUMENT OF TITLE BEING DB 283 PG 365. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL OF THE REQUIREMENTS OF THE BOARD OF SUPERVISORS AND ORDINANCES OF THE COUNTY OF SURRY, VIRGINIA, REGARDING THE PLATTING OF SUBDIVISIONS WITHIN THE COUNTY HAVE BEEN COMPLIED WITH, GIVEN UNDER MY HAND THIS 28th DAY OF OCTOBER, 2022.

EDWARD C. "MO" CANADA, III L.S.

KELLY LYNNE UNREIN HEREBY CERTIFIES THAT SHE IS THE OWNER OF THE PROPERTY SHOWN ON THIS PLAT AND THAT THIS SUBDIVISION IS WITH HER FREE CONSENT AND IN ACCORDANCE WITH HER DESIRES.

WITNESS MY HAND AND SEAL THIS _____ DAY OF _____, 20____

OWNER _____ STATE OF _____ TO-WIT _____

SUBSCRIBED AND SWORN TO BEFORE ME _____ A NOTARY PUBLIC IN AND FOR THE COUNTY OF _____ STATE OF _____

OF _____ THIS _____ DAY OF _____, 20____

MY COMMISSION EXPIRES _____ DAY OF _____, 20____

GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20____

NOTARY REGISTRATION NO. _____ NOTARY PUBLIC

KARON MARIE PORTER HEREBY CERTIFIES THAT SHE IS THE OWNER OF THE PROPERTY SHOWN ON THIS PLAT AND THAT THIS SUBDIVISION IS WITH HER FREE CONSENT AND IN ACCORDANCE WITH HER DESIRES.

WITNESS MY HAND AND SEAL THIS _____ DAY OF _____, 20____

OWNER _____ STATE OF _____ TO-WIT _____

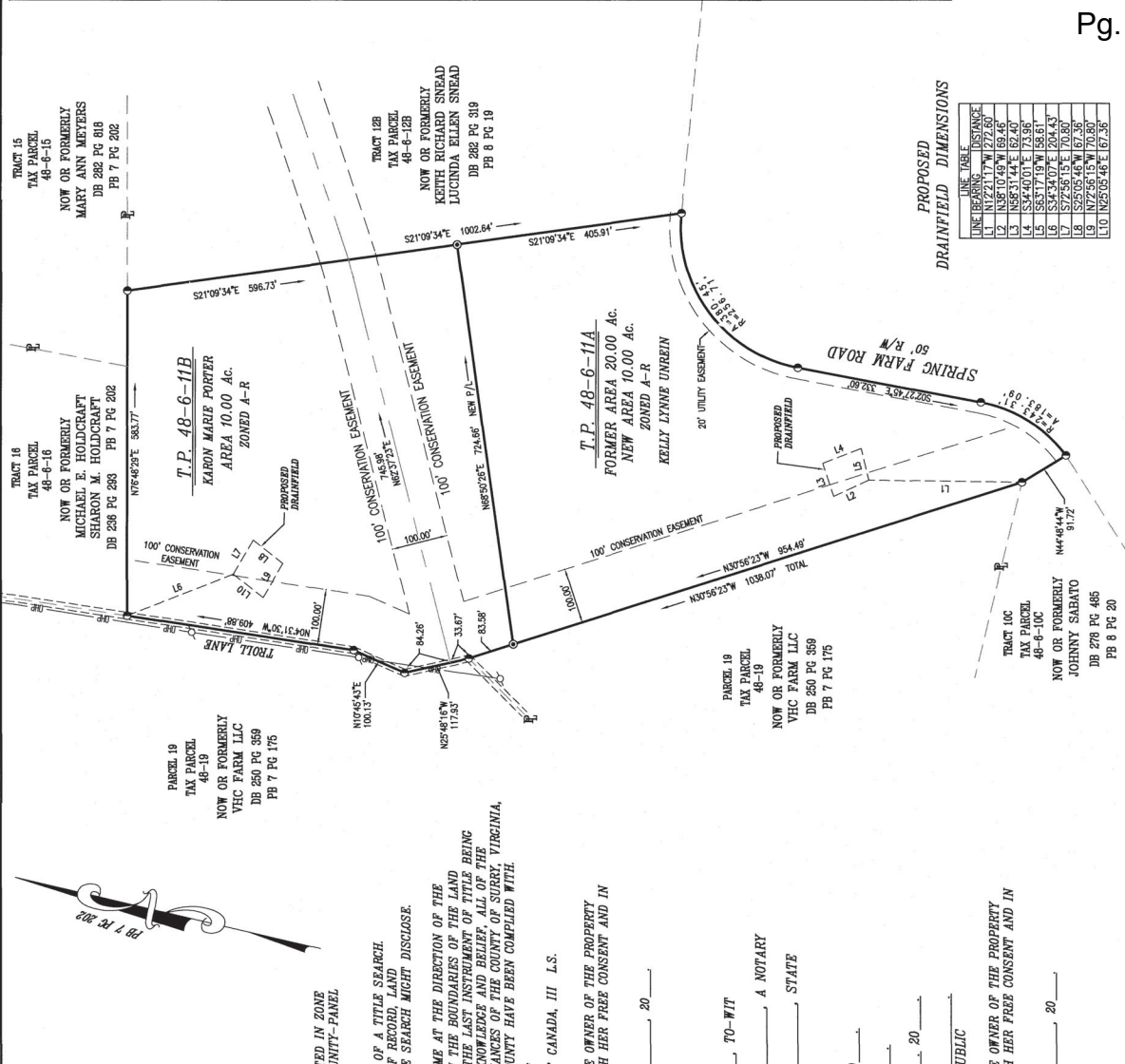
SUBSCRIBED AND SWORN TO BEFORE ME _____ A NOTARY PUBLIC IN AND FOR THE COUNTY OF _____ STATE OF _____

OF _____ THIS _____ DAY OF _____, 20____

MY COMMISSION EXPIRES _____ DAY OF _____, 20____

GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20____

NOTARY REGISTRATION NO. _____ NOTARY PUBLIC



PROPOSED DRAINFIELD DIMENSIONS

LINE	BEARING	DISTANCE
1	N12°11'17\"	272.60
2	N36°10'49\"	69.46
3	N35°31'44\"	67.40
4	S83°13'19\"	183.81
5	S84°34'07\"	204.43
6	S72°56'15\"	70.80
7	S25°05'45\"	67.35
8	N72°56'15\"	70.80
9	N25°05'45\"	67.35
10	N25°05'45\"	67.35

REFERENCE - DB 283 PG 365, PB 7 PG 202
PB 8 PG 191/192

LEGEND:
 ○ - DENOTES IRON PIN OR PIPE FOUND
 ○ - DENOTES IRON PIN SET
 ○ - DENOTES POWER POLE
 ---OPF--- DENOTES OVERHEAD POWER

AREA TABLE

FORMER AREA OF TAX PARCEL 48-6-11	20.00 AC.
MINUS AREA OF TAX PARCEL 48-6-11B	10.00 AC.
NEW AREA OF TAX PARCEL 48-6-11A	10.00 AC.

THIS PLAT IS APPROVED BY THE UNDERSIGNED IN ACCORDANCE WITH EXISTING SUBDIVISION REGULATIONS AND MAY BE COMMITTED TO RECORD.

DATE _____ AGENT OR REPRESENTATIVE _____ HEALTH DEPARTMENT
OF GOVERNING BODY _____

DATE _____ HEALTH DEPARTMENT

NOTES REQUIRED BY SURRY COUNTY FOR PLAT APPROVAL:

- 1) THIS SUBDIVISION IS APPROVED FOR INDIVIDUAL ON-SITE SEWAGE SYSTEMS IN ACCORDANCE WITH THE PROVISIONS OF THE "CODE OF VIRGINIA", AND THE "SEWAGE HANDLING AND DISPOSAL REGULATIONS" (12VAC 5-610-10 et. SEQ., THE "REGULATIONS".
- 2) THIS SUBDIVISION WAS SUBMITTED TO THE HEALTH DEPARTMENT FOR REVIEW PURSUANT TO SEC. 32.1 - 163-5 OF THE "CODE OF VIRGINIA" WHICH REQUIRES THE HEALTH DEPARTMENT TO ACCEPT PRIVATE SOIL EVALUATIONS AND DESIGNS FROM AN AUTHORIZED ON-SITE SOIL EVALUATOR (ASSE) OR A PROFESSIONAL ENGINEER DEVELOPING THE DESIGN. THE HEALTH DEPARTMENT IS NOT REQUIRED TO PERFORM A FIELD CHECK OF SUCH EVALUATIONS. THIS SUBDIVISION WAS CERTIFIED AS BEING IN COMPLIANCE WITH THE BOARD OF HEALTH'S REGULATIONS BY ADAM'S SEPTIC EVALUATION & DESIGN ASSOCIATES/006169, 757-344-8270. THIS SUBDIVISION APPROVAL IS ISSUED IN RELIANCE UPON THAT CERTIFICATION.
- 3) PURSUANT TO SEC. 360 OF THE "REGULATIONS" THIS APPROVAL IS NOT AN ASSURANCE THAT SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMITS WILL BE ISSUED FOR ANY LOT IN THIS SUBDIVISION. PREMISES THAT ARE SPECIFICALLY IDENTIFIED AS HAVING AN APPROVED SITE FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM, AND UNLESS ALL CONDITIONS AND CIRCUMSTANCES ARE PRESENT, AT THE TIME OF APPLICATION FOR A PERMIT AS ARE PRESENT AT THE TIME OF APPROVAL. THIS SURVEY MAY CONTAIN PARCELS THAT DO NOT HAVE APPROVED SITES FOR ON-SITE SEWAGE SYSTEMS.
- 4) THIS SUBDIVISION APPROVAL IS ISSUED IN RELIANCE UPON THE "TRADITIONAL SYSTEMS", EXCEPT AS NOTED. HOWEVER, ACTUAL DESIGNS MAY BE DIFFERENT AT THE TIME THAT CONSTRUCTION PERMITS ARE ISSUED.
- 5) THE APPROVED ON-SITE SEWAGE SYSTEM SITES ARE NOT SHOWN ON THIS PLAT. THOSE SITES ARE SHOWN ON A SEPARATE PLAT ON FILE IN THE SURRY COUNTY HEALTH DEPARTMENT.
- 6) THERE IS NO RESIDENCE NOR DRIVEWAY WITHIN 600' ± OF PARCEL A.
- 7) IT IS NOT THE POLICY OF THE SCHOOL BOARD OF SURRY COUNTY, VIRGINIA TO ALLOW SCHOOL BUSES TO TRAVEL ON OTHER THAN PUBLICLY MAINTAINED ROADS.
- 8) IT IS NOT THE POLICY OF THE BOARD OF SUPERVISORS OF SURRY COUNTY, VIRGINIA OR V.D.O.T. TO ACCEPT OR MAINTAIN PRIVATE ROADS UNTIL THE ROADS ARE CONSTRUCTED PURSUANT TO THE SPECIFICATIONS FOR CONSTRUCTION OF SECONDARY ROADS AS PROMULGATED BY V.D.O.T.
- 9) WHERE SEPTIC TANKS ARE TO BE INSTALLED ON INDIVIDUAL LOTS THERE SHALL BE AN APPROVAL OF THE DRAINFIELD BY THE HEALTH DEPARTMENT AT THE TIME AN APPLICATION IS MADE FOR A SEPTIC TANK PERMIT. APPROVAL OF THIS PLAT BY THE PLATTING AUTHORITY DOES NOT INDICATE THAT THE INDIVIDUAL LOT IS SUITABLE FOR APPROVAL OF A SEPTIC DRAINFIELD.

* THE SURVEYOR ASSUMES NO RESPONSIBILITY IN ASSURING THAT THE OBLIGATIONS SET FORTH IN THE NOTES REQUIRED BY SURRY COUNTY ARE UPHELD AND/OR ENFORCED.

SUBDIVISION PLAT FOR
 KELLY LYNNE UNREIN
 KARON MARIE PORTER
 LOCATED ON SPRING FARM ROAD & TROLL LANE
 CARLSLEY FARM, TRACT H
 GUILDFORD MAGISTERIAL DISTRICT
 SURRY COUNTY, VIRGINIA

SCALE 1" = 150'
 OCTOBER 19, 2023

Scale
 0 150 300

EDWARD C. "MO" CANADA, III
 L.S. No. 002846
 LAND SURVEYOR
 COMMONWEALTH OF VIRGINIA

CANADA
 LAND & MARINE
 SURVEYING
 1212 S. Church Street Smithfield, VA 23430
 PHONE: 757-357-2911
 DRAWN BY: REC JOB #523-197-SUR

Soil Summary Report

General Information

Date: 9-27-2023 Submitted to Surry Health Department
 Applicant: _____ Telephone Number: _____
 Address: _____
 Owner: Kelly Lynn Unrein Telephone Number: _____
 Address: 7154 Albosta Drive, Saginaw, MI 48609
 Location: Spring Farm Rd., and Troll lane
 Tax Map: 46-6-11A Subdivision: Unrein
 Block/ Section: _____ Lot: A +- 10.00 Acres

Soil Information Summary

1. Position in landscape satisfactory: Yes No
 Describe: gentle sideslope
2. Slope: 1-2 %
3. Depth to rock or impervious strata: Max. _____ Min. _____ None
4. Depth to seasonal water table (gray mottling or gray color): No Yes 44 inches
5. Free water present: No Yes range in inches _____
6. Soil percolation rate estimated: Yes No
 Texture group: II Estimated rate 35 Min/inch
7. Permeability test performed: Yes No
 If yes, note type of test performed and attach

Site Approved: Drain field to be placed at 24" Depth at site designated on permit conventional system
 Site Disapproved:

Reasons of rejection:

1. Position in landscape subject to flooding or peridoc saturation
2. Insufficient depth of suitable soil over hard rock
3. Insufficient depth of suitable soil over seasonal water table
4. Rates of absorption too slow
5. Insufficient area of acceptable soil for required drain field, and/or Reserve area
6. Proposed system too close to well
7. Other, Specify: _____

Abbreviated Design Form

Unrein Spring Farm Road lot A 1.0 Acres

For use with gravity and pump drainfields, enhanced flow systems and low pressure distribution systems when applying for a certification letter or subdivision approval.

Primary Design Basis

A. Estimated Percolation Rate	<u>35</u>	
B. Trench Bottom Sq. Ft. per bedroom	<u>286</u>	
C. Number of bedrooms/Estimated usage (gpd)	<u>4/600</u>	

Area calculations/ Trenches

D. Length of trench (ft)	<u>70</u>	Length of available area	<u>70</u>
E. Width of trench (ft)	<u>3</u>		
F. Number of trenches	<u>6</u>		
G. Center-to-center spacing (ft)	<u>9</u>		
H. Width required (ft)	<u>48</u>	Width of available area	<u>50</u>
	$G(F-1) + E$		
I. Total square footage required	<u>1144</u>		
	$(B * C)$		
J. Square footage in design	<u>1260</u>		
	$(D * E * F)$		
K. Is a reserve area required?	<u>X</u>	Yes	<u> </u> No

Reserve Design Basis

A. Estimated Percolation Rate	<u>35</u>	
B. Hydraulic Loading Rate Table 1 AOSS Regs.	<u><0.95 gpd/ft² w/ TL-3</u>	
C. Number of bedrooms/Estimated usage(GPD)	<u>4/600</u>	

Area calculations/ Trenches

D. Width of Pad (ft)	<u>20</u>		
E. Length of Pad (ft)	<u>70</u>		
F. Number of Lines	<u>Tbd</u>		
G. Number of Pads	<u>1</u>		
H. Depth of Pad (in)	<u>24"</u>		
I. Total square footage required	<u>632</u>		
	(GPD/B)		
J. Square footage in design	<u>1400</u>		
	$(D * E * F)$		
K. Is a reserve area required?	<u>X</u>	Yes	<u> </u> No

CONSTRUCTION NOTES

- The septic system installer is to completely read, understand, and follow the construction criteria contained in the current Sewage Handling and Disposal Regulations, General Management Policies, and Health Department policies prior to installation of the system.
- The septic tanks (and pump chamber, if applicable) are to be placed a minimum of 10 feet from dwelling with crawl spaces or 20 feet from dwellings that have a basement.
- The conveyance line, drainfield lines, distribution box, and any other components of the system are to be placed a minimum of 10 feet from dwelling with crawl spaces or 20 feet from the dwellings that have a basement.
- All drainfield line are to be installed along the natural contour of the ground. The minimum center to center distance is 9 feet, unless otherwise noted, However, it is likely that this distance may be greater in a portion of the system, depending on how the natural contours dictate their placement. Lines should be field staked with the use of a transit or laser level prior to excavation.
- Class IIIA/B well(s) shall be placed a minimum of 50 feet upslope from the house, septic tank, and pump chamber, and a minimum of 50 feet upslope from any drainfield. Class IIIC/IV well(s) shall be placed a minimum of 50 feet from the house, septic tank, and pump chamber, and a minimum of 100 feet upslope from any drainfield.
- All components of the septic systems are to be a minimum of 5 feet from property lines, 10 feet from utility lines, and 10 feet from utility easements unless otherwise noted.
- All measurement are from iron pins set at property corners (not offset pins) unless otherwise noted. Measurement that intersect property lines are at 90-degree angles to the property line unless otherwise noted.
- The client, surveyor, or engineer provides topographic and house location information. The septic system installer is to verify the presence of a basement in the house, topography, house location, drainfield location, and confirm that the minimum setbacks dictated on this permit are available prior to installation of the system. If any of the above-mentioned items are not as depicted on the permit, the designer and permit holder should be notified immediately.
- If required, Lateral Groundwater Movement interceptors (LGMI) are to be constructed per the attached design and placed a minimum of 10 feet above the septic system and exited to daylight.
- If required, AOSS shall have Operation & Maintenance in place prior to placing system into operation. The septic system installer is to ensure that the O&M contract is in place prior to completion of system installation. If O&M contract is not in place, the designer and permit holder should be notified immediately.
- Roof drains, basement drains, sump pump drains and water softener discharges shall be diverted away from drainfield area and never connected to the septic system.
- All construction material and procedures must conform to applicable state and local codes and Manufacturers requirements. Contractor shall be familiar with Manufacturers requirements prior to install.
- A Sanitary Survey was conducted within 200ft of septic system.



Adam's Septic Evaluation and Design, LLC

4516 Misty Ct.
Williamsburg, VA 23185
(757) 344-6270
Email: Adamsseptic@cox.net

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

The proposed well site shown herein,

1. Is located a minimum of 50 feet from all adjacent 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.(less than 3.0 Acres)
3. Is location 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. Notarized, written permission from the adjacent property owner(s) for the well construction.
- ii. Notarized, affirmation from the adjacent property owner(s) that their property is not used for an agricultural operation pursuant to 3.1-22.29 of the Code of Virginia.