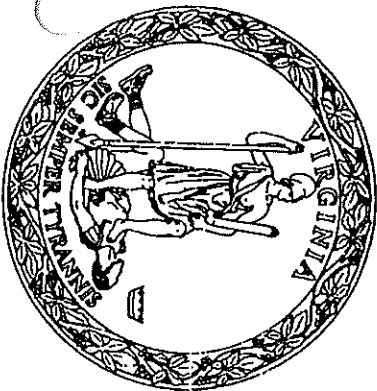




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF HEALTH
EASTERN SHORE HEALTH DISTRICT
SEWAGE DISPOSAL SYSTEM OPERATION PERMIT

Ronald Roe is/are hereby granted permission to operate a Type I Sewage Disposal System having a design capacity of 450, gpd at Swan Lane, Vaucluse/Lot 104.

This permit is issued in accordance with the Provisions of 32.1, Chapter 6 of the Code of Virginia as Amended and 12 VAC 5-610-340 of the Sewage Handling and Disposal Regulations of the Virginia Department of Health and with the understanding that the owner and/or any subsequent owner will operate the Sewage Disposal System in Accordance with the Sewage Handling and Disposal Regulations of the Virginia Department of Health and Construction Permit 06-165-0780. Issuance of an Operating Permit does not guarantee that the Sewage Disposal System will function for any specified period of time.

Michael Margoliuss, MD, MPH
Health Director

Robert B. Stroube, MD, MPH
Health Commissioner

Robert B. Stroube
Environmental Health Specialist, Sr.

June 17, 2007
Effective Date



Northampton County Health Department
P. O. Box 248 / 7114 Lankford Highway
Nassawadox, VA 23413
(757) 442-6228 Voice
(757) 442-4307 Fax

Sewage Disposal System Operation Permit

Property Owner

Ronald Rowe
391 Walker Avenue
Pennel, PA 19047
Phone:

Health Dept. ID: **06-165-0780**

Tax Map: **38A1((1))104**

Locality: Northampton

Property Location

Property Address: Swan Lane
Machipongo, VA 23405
Subdivision: Vaucluse , Lot 104
Directions:

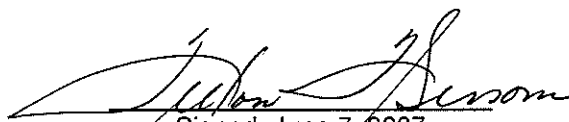
=====

Ronald Rowe is hereby granted permission to operate a septic tank effluent and drainfield Sewage System at the above referenced location, having a design capacity of **450** gallons per day, or **3** bedrooms maximum.

This permit is issued in accordance with the provisions of Title 32.1, Chapter 6 of the Code of Virginia as Amended, and Section 12VAC 5-610-340 of the Sewage Handling and Disposal Regulations of the Virginia Department of Health. The issuance of an operation permit does not denote or imply any guarantee by the department that the sewage disposal system will function for any specified period of time. It shall be the responsibility of the owner or any subsequent owner to maintain, repair, or replace any sewage disposal system that ceases to operate in accordance with the regulations.

January 25, 2007
Effective Date

Felton T. Sessoms
EHSS


Signed June 7, 2007

New Sept
Well + Sept

Please Turn Left Letter into Permit

RVR / nrb

Commonwealth of Virginia
Application for a Sewage Disposal and/or Water Supply Permit

Health Department ID 06-165-0780

Northampton County

December 12, 2006

To Be Completed By The Applicant Tax Map # 38A1((1))104

Type of Sewage system: ☒ New ☐ Repair ☐ Expanded ☐ Conditional
FHA/VA yes ☐ no ☐ Case No ☐

Owner Ronald Rowe Address 391 Walker Ave Phone 215-752-8394
Perinet, PA 19047

Agent BWP Address Box 15 Phone 442-5555
Perinet, PA 23420

Directions of Property Lot 104 Swan Lane Vauckese Shores

Subdivision Vauckese Shores Section Block Lot 104

Other Property Identification Tax Map # 38A1((1))104

Dimension/size of Lot/Property 1 acre

Other Application Information

I. Building/facility ☒ New ☐ Existing
Intermittent Use ☐ Yes ☒ No If yes, describe

II. Residential Use ☒ Yes ☐ No
Termite Treatment ☐ Yes ☒ No
☒ Single Family ☐ Multi-family
(Number of Bedrooms 3) (Number of Units)

Basement ☐ Yes ☒ No
Fixtures in Basement ☐ Yes ☒ No

III. Commercial Use ☐ Yes ☒ No Describe:
Commercial/Wastewater ☐ Yes ☒ No Number of Patrons
Number of Employees

If yes, give volumes and describe

IV. Water Supply: ☐ Public ☒ New ☐ Existing
☒ Private ☒ New ☐ Existing
Describe: Proposed Shallow Well

V. Proposed Sewage Disposal Method:

Onsite Sewage Disposal System: ☒ Septic Tank Drainfield ☐ LPD ☐ Mound ☐ Other

Public Sewerage System

Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption system, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed well or drainfield. Distances may be paced or estimated.

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Signature of Owner/Agent

Date

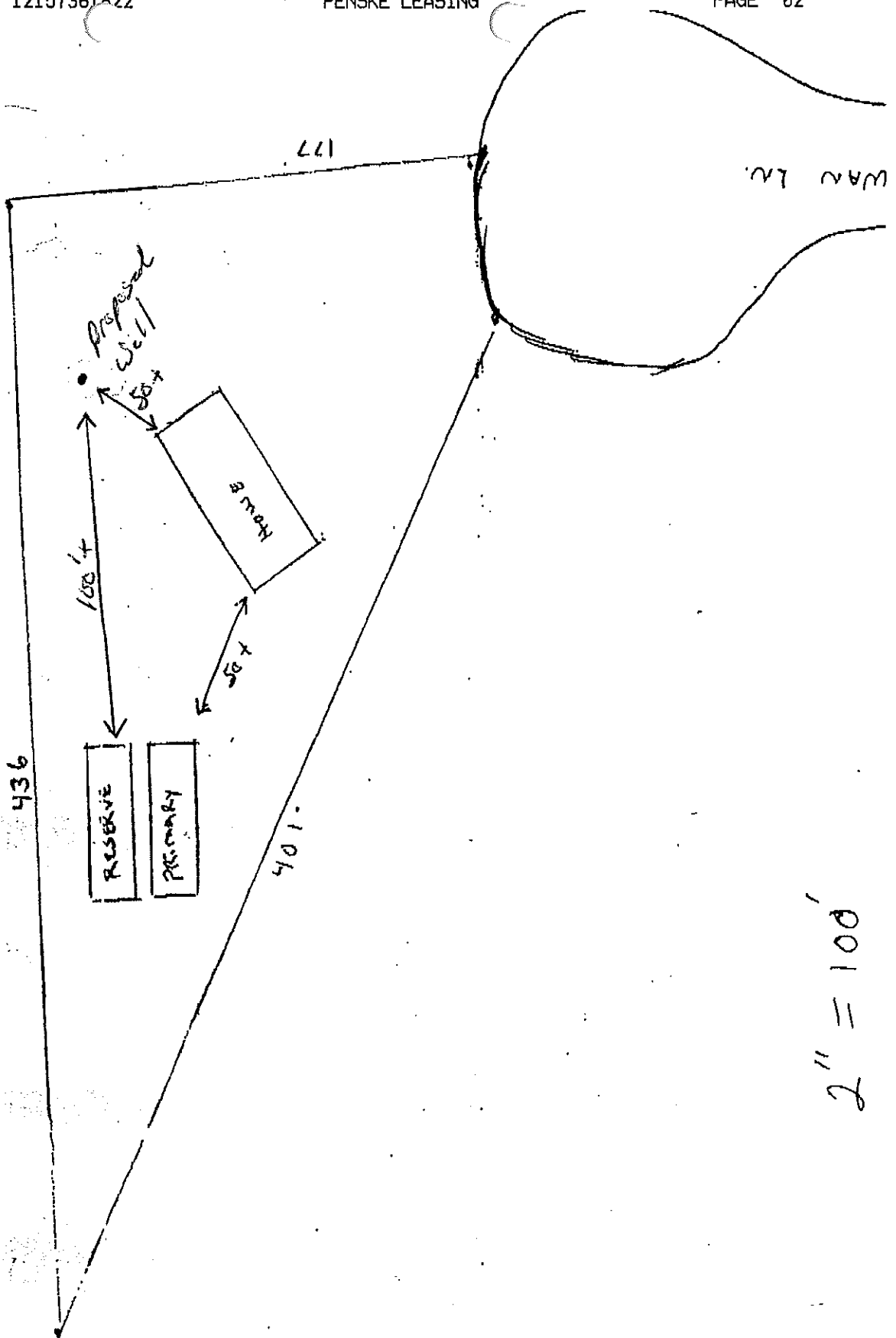
12-11-06

①

ATTN: MR. BUNDICK

LOT # 104

K2



2" = 100'

Application for Sewerage Disposal and/or Water Supply Permit

KVR/hed

2165

Commonwealth of Virginia

LETTER

Application for a Sewage Disposal and/or Water Supply Permit

240-

Health Department ID 06-165-0571

Northampton County

August 9, 2006

To Be Completed By The Applicant

Tax Map # 38A1((1))104

Type of Sewage system: ☒ New ☐ Repair ☐ Expanded ☐ Conditional
FHA/VA yes ☐ no ☒ Case No _____

Owner ROBERT & MYRA BARNES Address 3028 TIDEWATER DR NORFOLK 23509 Phone 757-623-4438

Agent LYNDA & RON ROE Address 391 WALKER AVE PENDELVA 19047 Phone 215-752-8399 (157-787-1087)

Directions of Property LOT #4 SWAN LANE - VAUCLUSE SHORES
BAYSIDE RD TO CHURCH NECK RD TO SWAN DR.
TO SWAN LANE

Subdivision 38A1 Section (C17) Block 00 Lot 104

Other Property Identification PRN# 308

Dimension/size of Lot/Property _____

Other Application Information

I. Building/facility ☒ New ☐ Existing
Intermittent Use ☐ Yes ☒ No If yes, describe _____

II. Residential Use ☒ Yes ☐ No
Termite Treatment ☐ Yes ☒ No
☒ Single Family ☐ Multi-family
(Number of Bedrooms 3) (Number of Units _____)

Basement ☐ Yes ☒ No
Fixtures in Basement ☐ Yes ☒ No

III. Commercial Use ☐ Yes ☒ No Describe: _____

Commercial/Wastewater ☐ Yes ☒ No Number of Patrons _____
Number of Employees _____

If yes, give volumes and describe _____

IV. Water Supply: ☐ Public ☐ New ☐ Existing
☒ Private ☒ New ☐ Existing
Described Shallow well

V. Proposed Sewage Disposal Method:

Onsite Sewage Disposal System: ☒ Septic Tank ☐ Drainfield ☐ LPD ☐ Mound ☐ Other

Public Sewerage System

Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption system, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed well or drainfield. Distances may be paced or estimated.

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Signature of Owner/Agent

Date

1

Ⓐ

Zoned RVR (Rural Village Residential)

Front →

Rear →

Side →

60 feet

35 feet

15 feet

Recorded Prior to 12/28/00.

Minimum Requirements

436.28

101

proposed SDS

proposed DW

104

38

401.61

177.25

102

①

INSERT 38A1

105

62.34

103

106

124

①

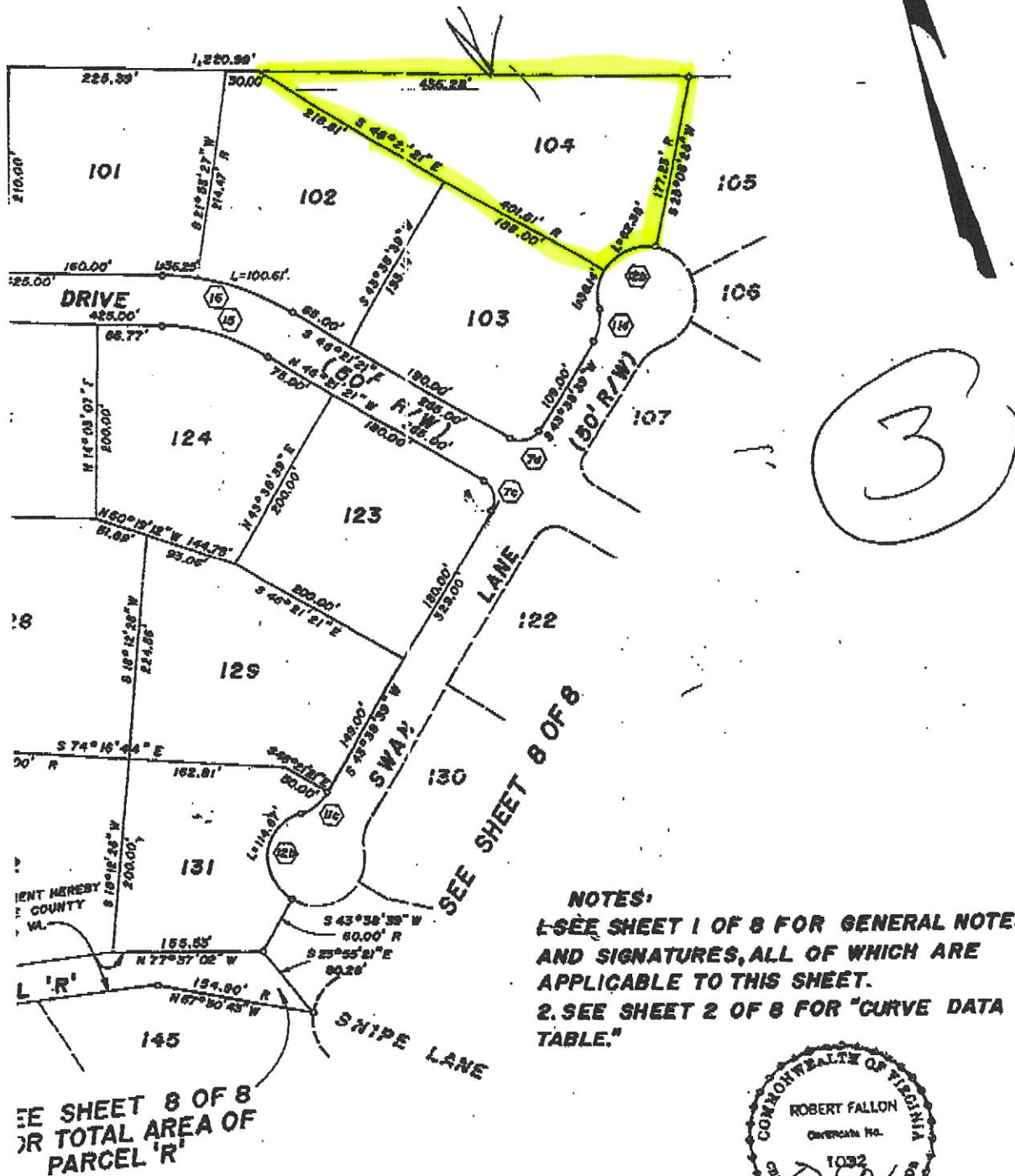
107

123

SWAN

SWAN

LIAM WILKINS



SHEET 7 OF 8

REVISED: JAN. 30, 1973, ADDED DRAINAGE EASEMENT BETWEEN LOTS 92 & 93, AND ON PARCEL 'X'

Talbot, Wermers, and Standing, Ltd.
 ENGINEERS PLANNERS
 SURVEYORS
 VIRGINIA BEACH, VIRGINIA
 MEMPHIS, TENNESSEE



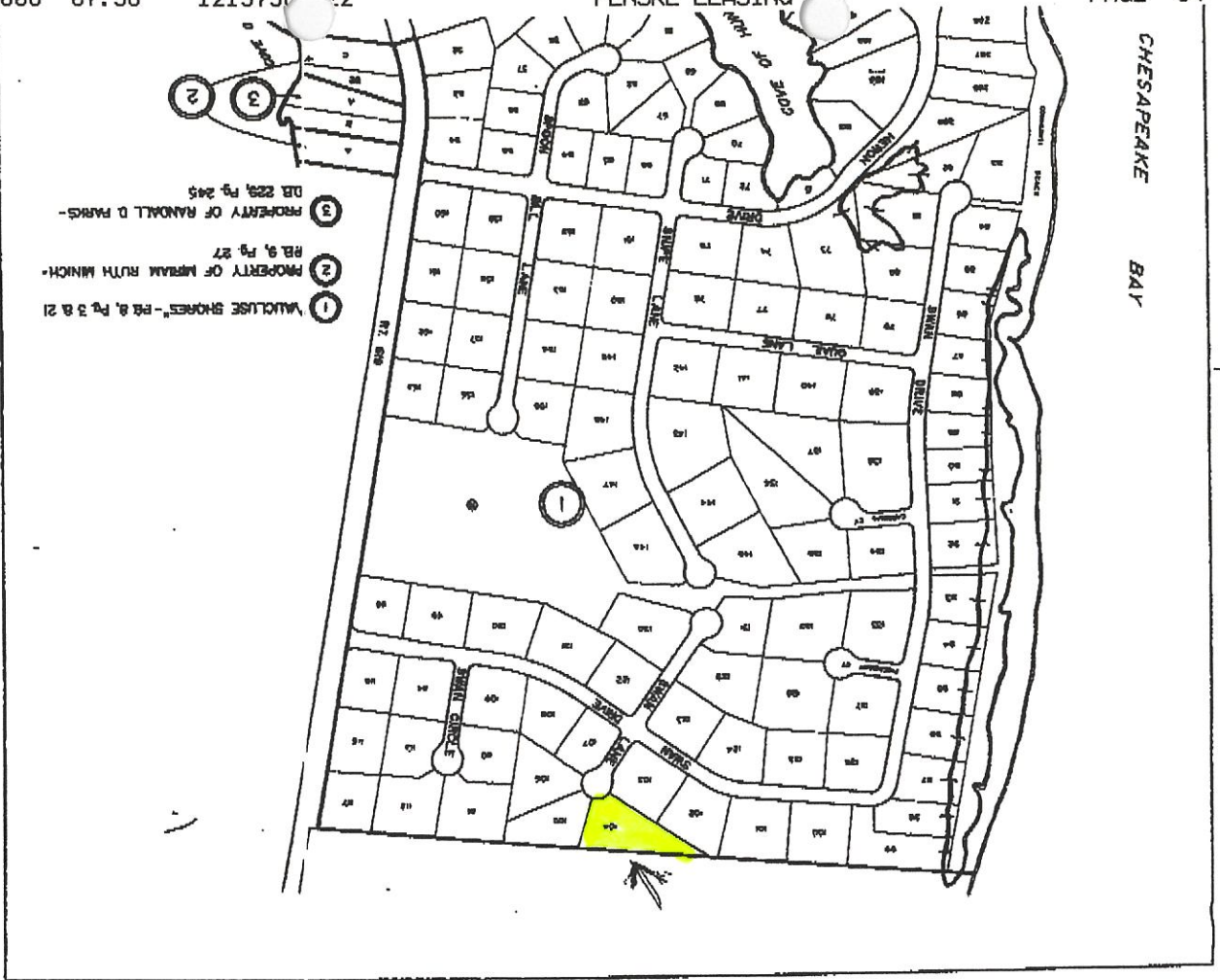
PLAT
 OF
 VAUCLUSE SHORES SUBDIVISION

CHURCH NECK SHORES
 NORTHAMPTON COUNTY, VIRGINIA

DESIGNED BY: *SWB* DATE: 7/3/72 CHECKED BY: *EDM* DATE: 7/10/72 SCALE: 1" = 100' FILE NO.
 DRAWN BY: *JHW* DATE: 7/10/72 APPROVED BY: *SWB* DATE: 7/11/72 PROJ. NO. 2057-1 A-3-134 7

110, 111.

CHESAPEAKE BAY



NORTHAMPTON COUNTY

2

INSTRUCTIONS FOR WELL & SEPTIC APPLICANTS

Our goal at the Health Department is to process your application as quickly as possible. Sometimes we take longer to process applications because of our workload, the weather, or need for a backhoe to evaluate the soil. These delays are unavoidable. At other times we are delayed because applicants have not provided us with the information we need to process applications quickly. **We cannot accept incomplete applications.** In order for us to do our job properly, applicants need to provide us with the following:

- A) A complete application, including an accurate site sketch
- B) Clear directions to the property
- C) The property corners and house site must be staked on the property
- D) A copy of a zoning verification letter if required by the county or city.

This checklist is provided to assist you with our application process. All items listed *must be completed by the applicant* before the application will be accepted by the Health Department. If you have questions or need assistance with the application, one of our Environmental Health Staff will be happy to help you.

A) The application:

- ☐ has all items properly filled out
- ☐ has a telephone number where I can be reached during the day
- ☐ has clear written directions to the property
- ☐ is signed and dated
- ☐ is accompanied by the proper fee

B) The site sketch clearly and accurately shows:

- ☐ the shape of the property
- ☐ the length of each property line
- ☐ the shape and location of the house (including decks and porches)
- ☐ the proposed location of the driveway
- ☐ the proposed or existing location of any utilities
- ☐ any legal easements located on the property
- ☐ the location of wells, springs, and buried fuel tanks within 200 feet of the property
- ☐ the location of any other structures I plan to build in the future (e.g. barn, garage, swimming pool)
- ☐ where I would like my septic system and/or well to be located (if there is a preference)

C) The building site for which the application is made:

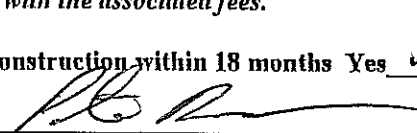
- ☐ has the property lines clearly and accurately marked
- ☐ has the house site clearly and accurately marked
- ☐ has the brush removed from the potential drainfield site
- ☐ is easily identified from the road
- ☐ has any underground utilities marked

NOTE: the attached pages have a sample site sketch and some hints that may be useful in marking your property and completing your site sketch.

I understand that the Health Department cannot accept incomplete applications and that if the property corners are not clearly marked, the house site properly staked, and the brush cleared from the proposed drainfield site my application will be denied until I have taken corrective actions. I understand that I have 90 days to correct any deficiencies and submit a new application. Failure to do so within the prescribed time frame will require that I submit a new application with the associated fees.

I intend to begin construction within 18 months Yes ☒ No ☐

Applicants Signature



Date 12-11-06



Northampton County Health
Department
P. O. Box 248 / 7114 Lankford
Highway
Nassawadox, VA
23413
(757) 442-6228
(757) 442-4307

Site Evaluation Report

Health Department ID Number: 06-165-0571

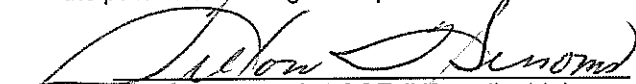
Facility Information	
Facility Name:	Barnes, Robert & Myra
Site Evaluator:	Felton T. Sessoms
HDID:	06-165-0571

Evaluation Information	
Scheduled Evaluation:	
Comments:	

Site Evaluation	
Date(s) of evaluation:	August 17, 2006
Evaluation method:	Hand Auger
Landscape Position:	Broad Flat
Position Satisfactory?	Yes
Slope (range):	Min: 0% Max: 1%
Depth to rock:	>60 inches
Depth to seasonal water table:	>60 inches
Free water present?	No, at 0 to 0 inches
Depth to other limiting feature?	No, at to inches
Describe limiting feature:	
Soil texture group:	II
Estimated soil permeability:	=> 31 mpi at: 36 inches
Measured soil permeability:	at: inches
Type of test:	
Length of site (on contour):	55
Width of site (up and down slope):	39

Preliminary Design Concepts	
Treatment level:	Primary
Trench/bed width:	36 inches
Trench/bed depth:	30 inches
Trench spacing:	9 feet
Comments:	

In accordance with § 32.1-163.5 of the *Code of Virginia* and 12 VAC 5-615-360, I hereby certify that this evaluation and all associated work, including but not limited to system design information where applicable, complies with and was conducted in accordance with 12 VAC 5-610-20 et seq. (the *Sewage Handling and Disposal Regulations*) and the policies of the Virginia Department of Health.


(signature & AOSE # if applicable)

Felton T. Sessoms, EHSS

Print name and title

If evaluated by a professional engineer,
indicate name and # of AOSE consulted:

Soil Profile Descriptions

Health Department ID Number: 06-165-0571

Facility Information	
Facility Name:	Barnes, Robert & Myra
Site Evaluator:	Felton T. Sessoms
HDID:	06-165-0571

Horizon	Depth	Color	Texture	Comments	Texture Group
---------	-------	-------	---------	----------	---------------

Hole 1 17-Aug-2006	Ap	0-6	Light Yellowish Brown (10YR 6/4)	Sandy Loam		II (2)
	E	6-18	Brownish Yellow (10YR 6/6)	Sandy Loam		II (2)
	Bt	18-36	Yellowish Brown (10YR 5/8)	Loam		II (2)
	B2	36-42	Yellowish Brown (10YR 5/8)	Sandy Loam	10YR 6/4 mottles	II (2)
	BC	42-52	Light Yellowish Brown (10YR 6/4)	Loamy Sand	10YR 7/6	I (1)
	C	52-60	Pale Brown (10YR 6/3)	Sand	10YR 6/4 & 10YR 7/8 mottles	I (1)

Hole 2 17-Aug-2006	Ap	0-6	Light Yellowish Brown (10YR 6/4)	Sandy Loam		II (2)
	E	6-12	Brownish Yellow (10YR 6/6)	Sandy Loam		II (2)
	Bt	12-30	Yellowish Brown (10YR 5/8)	Loam		II (2)
	B2	30-38	Yellowish Brown (10YR 5/8)	Sandy Loam		II (2)
	BC	38-48	Light Yellowish Brown (10YR 6/4)	Loamy Sand		I (1)
	C	48-60	Pale Brown (10YR 6/3)	Sand		I (1)

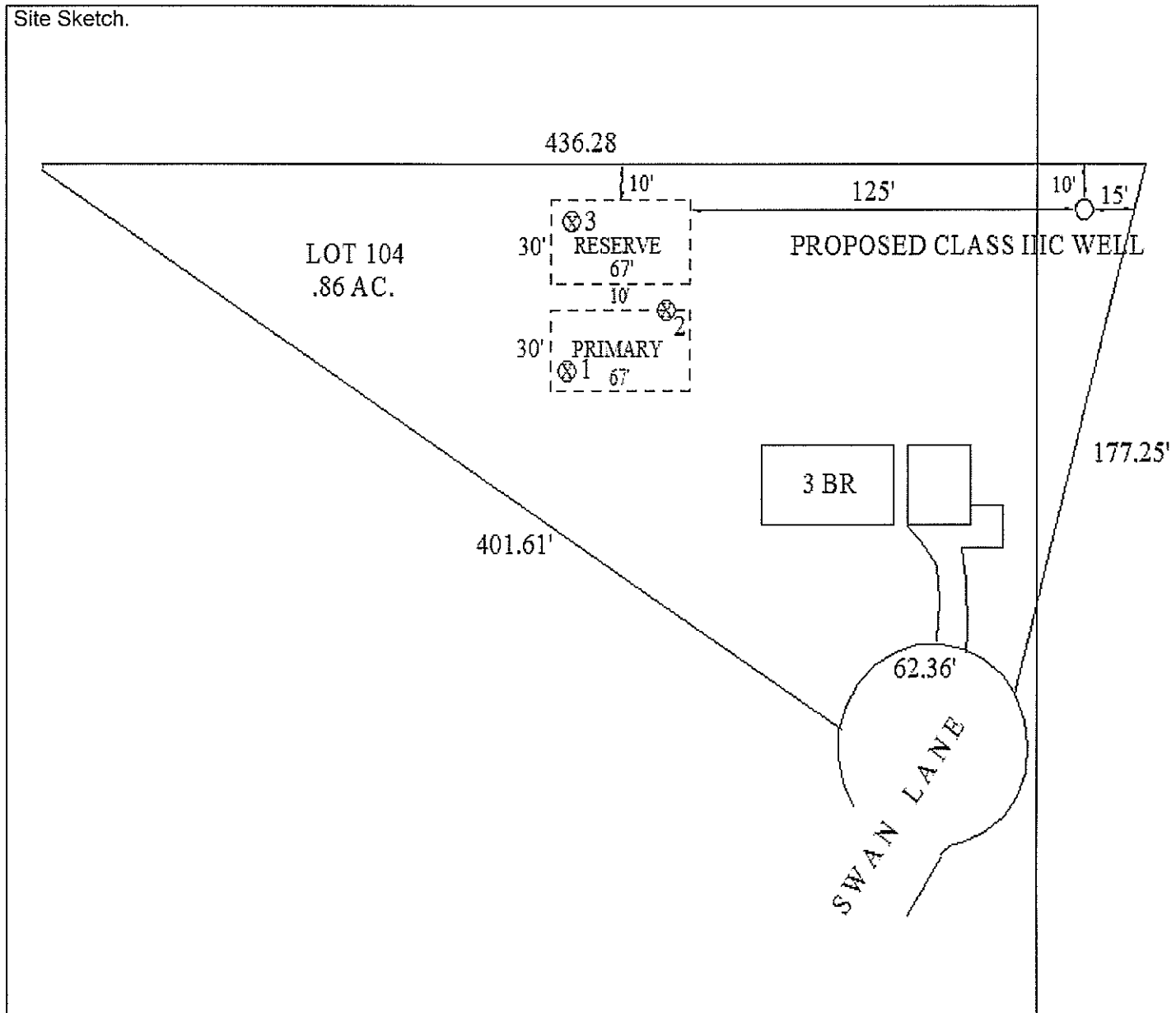
Hole 3 17-Aug-2006	Ap	0-6	Light Yellowish Brown (10YR 6/4)	Sandy Loam		II (2)
	E	6-16	Brownish Yellow (10YR 6/6)	Sandy Loam		II (2)
	Bt	16-36	Yellowish Brown (10YR 5/8)	Loam		II (2)
	B2	36-42	Yellowish Brown (10YR 5/8)	Sandy Loam		II (2)
	BC	42-48	Light Yellowish Brown (10YR 6/4)	Loamy Sand		I (1)

Site Sketch

Health Department ID Number: 06-165-0571

Facility Information	
Facility Name:	Barnes, Robert & Myra
Site Evaluator:	Felton T. Sessoms
HDID:	06-165-0571

Site Sketch.





**COMMONWEALTH OF VIRGINIA
VIRGINIA DEPARTMENT OF HEALTH**

Northampton County Health Department
P. O. Box 248 / 7114 Lankford Highway
Nassawadox, VA 23413
(757) 442-6228
August 30, 2006

Robert & Myra Barnes
3028 Tidewater Drive
Norfolk, VA 23509

Re: H.D.I.D.# 06-165-0571, Tax Map#: 38A1((1))104
Subdivision: Vaucluse Section: Lot: 104
Lot Size: Acre(s)

Dear Owner(s):

This letter is issued in lieu of a sewage disposal system construction permit in accordance with §32.1-163, et seq., of the *Code of Virginia*. The Board of Health hereby recognizes that the soil and site conditions acknowledged by this correspondence, and documented by additional records on file at the local health department, are suitable for the installation of an onsite sewage disposal system. The attached plat or sketch shows the approved area for the sewage disposal system. This letter is valid until a permit for construction is issued and the system is installed, inspected and approved. This letter is void if there is any substantial physical change in the soil or site conditions where the sewage disposal system is to be located.

A permit to construct the sewage disposal system must be issued before construction of the system. If the property owner (current or future) applies for a construction permit within 18 months of the date of this letter, the application fee paid for this letter shall be applied to any state fees for a permit to construct a system. After 18 months, the applicant is responsible for paying all state fees for a permit application.

This letter, and accompanying plat of survey or sketch showing the specific location of the sewage disposal system area and well area (if applicable), may be recorded in the land records by the clerk of the circuit court in the jurisdiction where all or part of the site or proposed site of the system is to be located.

VDH VIRGINIA
DEPARTMENT
OF HEALTH
Protecting You and Your Environment

Page 2

Robert & Myra Barnes, 06-165-0571

August 30, 2006

The site shown on the plat or sketch is specific and must not be disturbed or encroached upon by any construction. To do so voids this letter. Upon the sale or transfer of the land that is the subject of this letter, the letter shall be transferred with the title to the property.

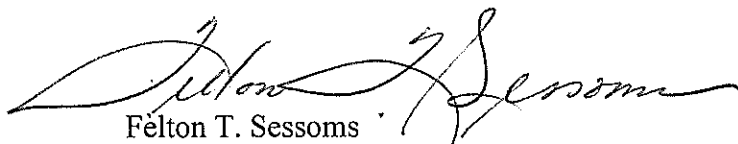
Future owners are advised to review the plat or sketch for the location of the onsite sewage disposal area to make sure their building plans do not interfere with the area. If they have any questions regarding the location of the area, they should contact the local health department for assistance.

The area evaluated, and certified by this letter, is suitable to accommodate a 3-bedroom house using a system design of 450 gallons per day. The property will be served by a private water supply as shown on the attached plat or sketch.

This letter is an assurance that a sewage disposal system construction permit will be issued (provided there have been no substantial physical changes in the soil or site conditions where the system would be located); *it is not, however, a guarantee that a permit for a specific type of system will be issued*. The design of the sewage system will be determined at the time of application for a building permit and sewage system construction permit. The design will be based on the site and soil conditions certified by this letter, structure size and location, water well location (final determination to be made at time of permit issuance), the regulations in effect at the time, and any off-site impacts that may have occurred since the date of the issuance of this letter. In some cases, engineered plans may be required prior to issuance of the construction permit. In accordance with § 32.1-164.1:1 of the *Code of Virginia*, owners are advised to apply for a sewage disposal construction permit only when ready to begin construction.

This certification letter may be subject to and must comply with any applicable local ordinances.

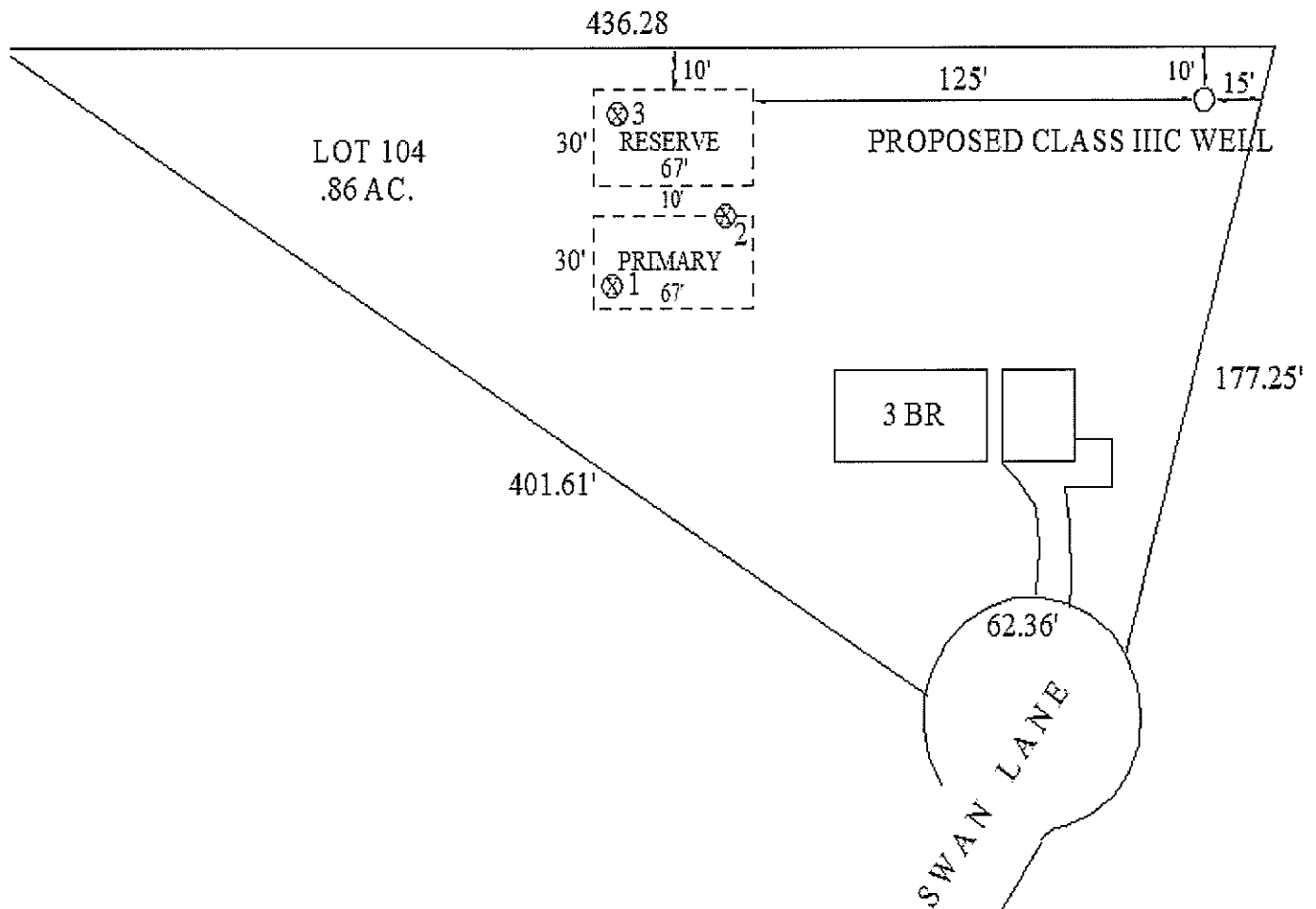
Sincerely,



Felton T. Sessoms
Environmental Health Specialist Sr.

Attachment: site sketch

pc:



Septic Tank - Soil Absorption System Construction Permit

Health Department ID Number: **06-165-0780**

Owner / Agent Information	
Owner: Ronald Rowe 391 Walker Avenue Pennel, PA 19047 Owner Phone:	
Location Information	
Subdivision: Vaucluse , Lot 104 Property Address: Swan Lane Locality: Northampton Directions:	
Tax Map: 38A1((1))104	
General Information	
System Type: septic tank effluent and drainfield	Daily Flow: 450 gallons
Type of Property: Residential	Number of Bedrooms: 3 maximum
Sewer Line	
3" or 4" Sch. 40 PVC or equivalent (cleanouts required at 50' to 60' intervals)	Distribution Box Information
	No. of Boxes: 1
	No. of Outlets: 5 None
Conveyance Line / Force Main Information	
Method: Gravity Distribution Box	Header Line Information
Material: Minimum crush strength 1500#	ASTM F405 pipe or better (1500 # crush or equivalent)
Pipe Diameter: 4"	Minimum slope 2" per 100'
Minimum Slope: 6" per 100' (only for non-pump)	
Septic Tank - Inlet Outlet Structure	
Capacity: 1000 gallons None	Percolation Lines and Absorption Area
The inlet structure shall be 1-2 inches higher than the outlet structure and shall extend 6-8 inches below and 8-10 inches above the normal liquid level. The outlet structure shall extend 35-40% below the normal liquid level and 8-10 inches above the normal liquid level. To comply with the maintenance requirements of 12 VAC 5-610-817 the septic tank must be provided with one of the following three options: 1) Inspection port, 2) Effluent filter, 3) Reduced maintenance tank	Slope: 2-4" per 100' Percolation Lines: 4" diameter Center to Center Spacing: 9' Installation Depth: 30" Depth of Aggregate: 13", Size of Aggregate: 0.5-1.5" Total Number of Laterals: 4 Laterals to be 67' long, x 3' wide Install 804 Square Feet Total 100% Reserve Area Required for Future Repairs
Please Note:	

copy to
Burdette
Rowe
12/4/16

Construction Drawing

HD ID #: 06-165-0780

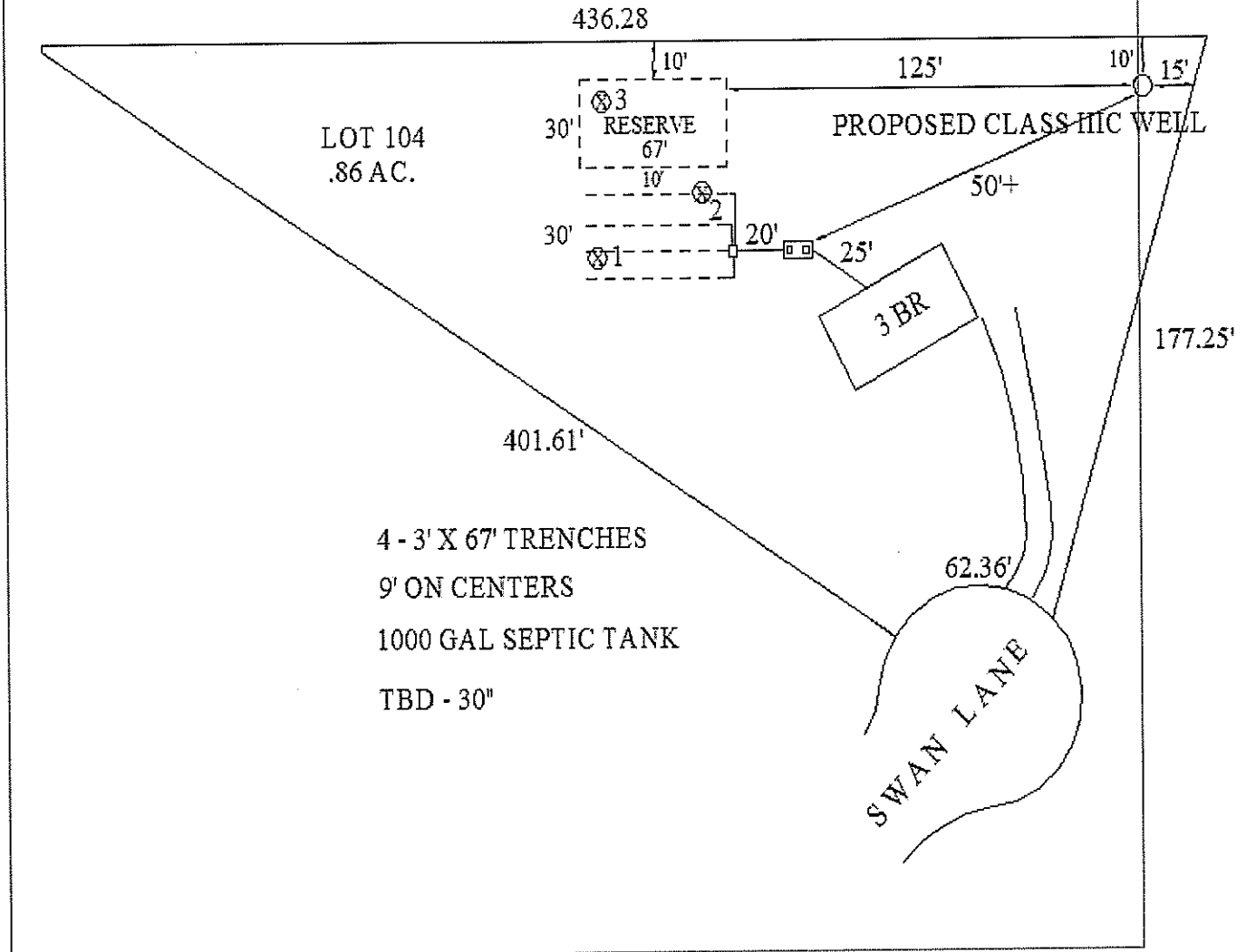
Owner Information

Ronald Rowe
391 Walker Avenue
Penndel, PA 19047

Phone:

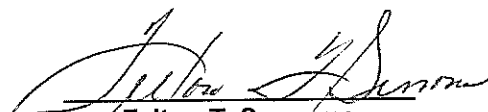
Construction Drawing

Schematic drawing of sewage disposal system and topographic features (NTS).



This sewage disposal system construction permit is null and void if conditions are changed from those shown on the application or construction permit. No part of any installation may be covered or used until inspected, corrections made if necessary and the system is approved. The inspection will normally be made by the system designer, who may be an AOSE, PE, or EHS. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon direction of the Department or the system designer.

System Design By: Felton T. Sessoms ; Site Evaluation By: Felton T. Sessoms


Felton T. Sessoms

December 14, 2006
Issue Date

June 14, 2008
Expiration Date

Sewage System Construction Inspection Report

Property Owner

Ronald Rowe
391 Walker Avenue
Pennel, PA 19047
Phone:

Health Dept. ID: **06-165-0780**

Tax Map: **38A1((1))104**

Locality: Northampton

Property Location

Property Address: Swan Lane
Subdivision: Vaucluse , Lot 104
Directions:

Sewer Line

Diameter: 4", Material: Sch 40 Plastic, Grade: 1 1/4"/10' minimum
Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory: **Yes**

Septic Tank(s)

Tank Identifier	Tank Size (gallons)	Tank Material
1	1250	Concrete (pre-cast)
Total # Tanks: 1		1250 Gallons Total Septic Tank Volume

Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory: **Yes**

Treatment Device

Make and Model:
Capacity:
Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory:

Effluent Conveyance System

Method: Gravity
Make and Model:
Dosing Volume: Drawdown:
1/4 Day Storage: Yes Storage Volume: High Water Alarm: Yes
Chamber Total Size:
Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory:

Conveyance Line

Diameter: 4" Material: Sch 40 Plastic
Grade: 6"/100' minimum
Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory: **Yes**

Distribution System

Method: Gravity Distribution Box
Material: Concrete Box
Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory: **Yes**

Header Lines

Diameter: 4", Material: Smooth-bore plastic
Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory: **Yes**

Dispersal Area

Dispersal Method: Gravel-less System
Make and Model: Infiltrator Systems, Inc., Quick 4
Number of Trenches: 4, Trench Length: 68', Trench Width: 3'
Number of Units Installed per Trench: 17
Trench Bottom Depth: 30", Center to Center Spacing: 9'
Was the installed system a reduction from the original permitted design? No
Inspected on January 24, 2007 by Felton T. Sessoms
Satisfactory: **Yes**

Constructed by: Bundick Well & Pump Co., Inc.

Documentation Received:

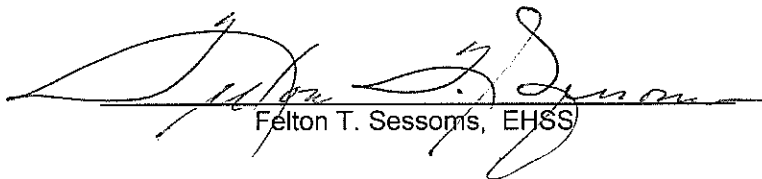
Completion Statement Received By: Felton T. Sessoms on January 24, 2007

Notice of Substitution Received By: on

Overall Result

Satisfactory Construction: Yes None *Up 35 6/21/07*
Approved for Operation Permit: **No** on January 25, 2007 Well not installed

I hereby certify that this system was installed substantially in accordance with the Sewage Handling and Disposal Regulations, relevant VDH policies, and manufacturer recommendations. All deviations from these standards of practice were determined to be minor variations, are noted above, and in my opinion will not materially affect the safe and sanitary operation of the system.


Felton T. Sessoms, EHSS

January 25, 2007

Private Well Construction Permit

Health Department ID#: 06-165-0780

Tax Map#: 38A1((1))104

Owner Information	
Ronald Rowe 391 Walker Avenue Penndel, PA 19047	Phone:

Location Information	
GPIN: Directions:	Property Address: Swan Lane County: Northampton

General Information		
Well Class: Class IIIC	Minimum Casing Depth: 20 FEET	Minimum Grout Depth: 20 FEET
Date Issued: December 14, 2006		Date Expires: June 14, 2008

Notice: The Virginia Department of Health may revoke or modify this permit if, at a later date, it finds the conditions that formed the basis for issuing the permit do not substantially comply with the *Private Well Regulations*, 12 VAC 5-630-10 et seq., or if the well would threaten public health or the environment. SEVERAL REQUIREMENTS ARE STATED BELOW FOR YOUR INFORMATION:

SETBACKS	
Well head to termite treated structure (drinking)	50 ft.
Well head to termite treated structure (irrigation)	50 ft. (*) Must meet guidelines to reduce setback to 10 ft.
Well head to building sewer lateral (public sewer)	50 ft. (*) Must meet guidelines to reduce setback to 10 ft.
Well head to sewer main	50 ft. (*) Must meet guidelines to reduce setback.
Well head to other utilities	Established by Utility Company, typically 10 plus ft.
Well head to potential sources of pollution	Class IIIC = 100 ft. Class IV = 100 ft. Class IIIA = 50 ft. Class IIIB = 50 ft.

GENERAL NOTES

1. ALL OUT OF SERVICE WELLS MUST BE PROPERLY ABANDONED.
2. ALL WELL CONSTRUCTION OR ABANDONMENT MUST BE REPORTED BY A SIGNED UNIFORM WELL WATER COMPLETION REPORT (WELL DRILLERS LOG, FORM GW2). THIS INFORMATION IS REQUIRED BEFORE FINAL APPROVAL OF THE WELL.
3. THIS PERMIT IS VOID IF THE INFORMATION SUPPLIED BY THE OWNER/CONTRACTOR IS NOT ACCURATE OR IF CHANGES TO THE SITE OCCUR.
4. WELL SHALL BE INSTALLED BY A LICENSED WELL DRILLER.
5. A SATISFACTORY BACTERIOLOGICAL WATER SAMPLE REPORT FROM A STATE CERTIFIED LAB SHALL BE PROVIDED TO THE DEPARTMENT (DRINKING WATER WELL ONLY).

Supervisory Review Information	
Date: _____	Reviewed by: _____ EH Supervisor
Date: _____	Final Review by: _____ EH Supervisor

Northampton County Health Department

Owner: Ronald Rowe

Property Location: Swan Lane

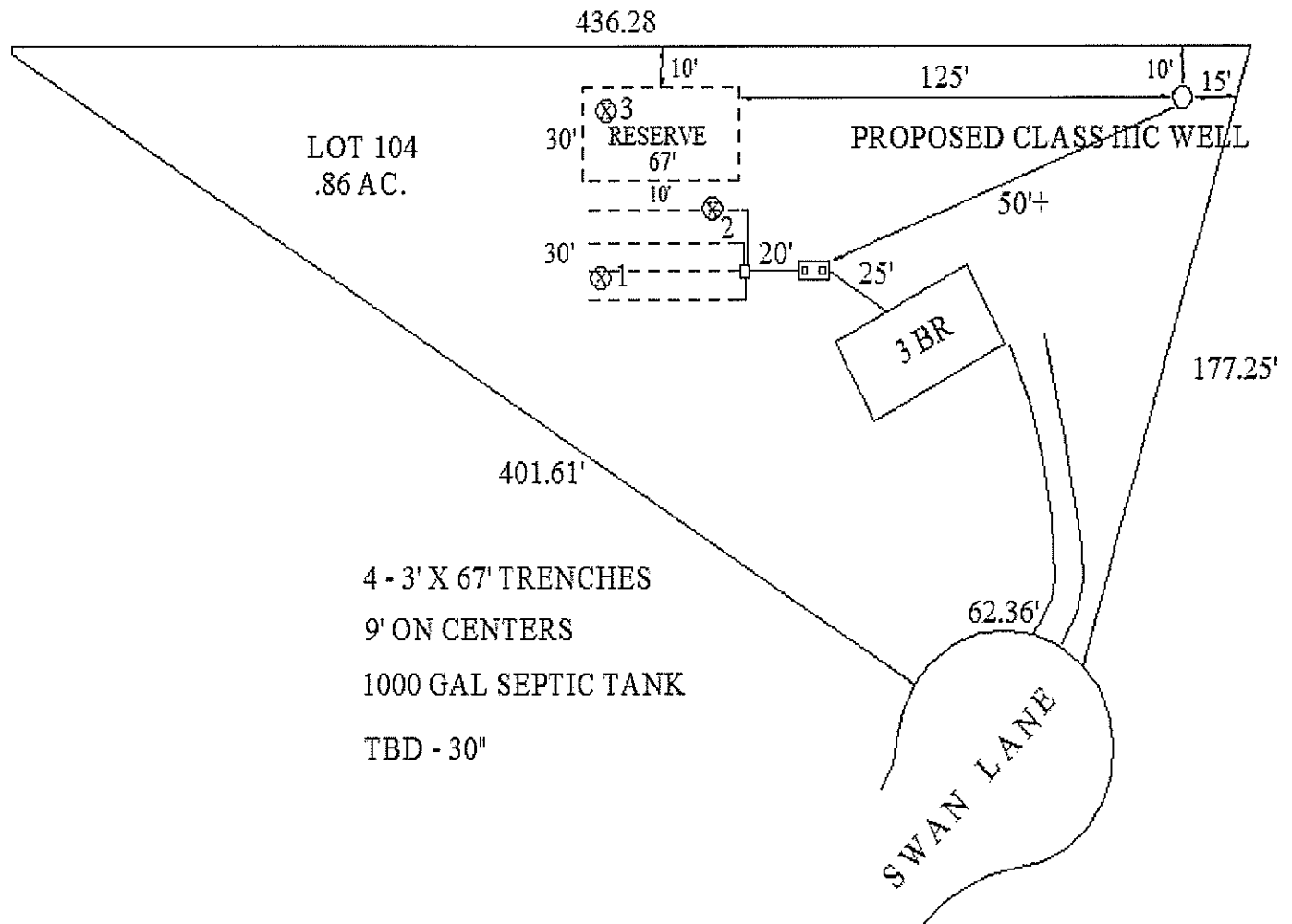
HDID: 06-165-0780

Tax Map: 38A1((1))104

Private Well Construction Permit Drawing

Sketch shows the property lines, all existing and proposed structures, existing and proposed sewage systems and water supplies, slope, and any topographic features which may impact the design of the well.

NOT TO SCALE :




Felton T. Sessoms
Environmental Health Specialist Sr.

December 14, 2006
Issue Date

June 14, 2008
Expiration Date

Water Testing Laboratories of Maryland

P.O. Box 4547

Phone 410-546-1318 Salisbury, Maryland 21801 Fax 410-546-9244

thewaterlab@yahoo.com

Report # 8189

BWP	
P.O Box 15	
Painter, VA	23420

Sample Source: Ronald Rowe

Sampled by: Client

	Date	Time
Collected	<u>5/7/2007</u>	<u>9:30 AM</u>
Received	<u>5/8/2007</u>	<u>3:55 PM</u>
Examined	<u>5/8/2007</u>	<u>4:15 PM</u>
Reported	<u>5/9/2007</u>	<u>10:15 AM</u>

Sample Identification ☒ Water

☐ Other

Refrigerated ☒ Yes

☐ No

Analytical Results

Parameter	Results			Allowable Limits	Method
Total Coliform	ABSENT	5/9/2007	CM	Absent	SM 9223 B
<i>E. coli</i>	ABSENT	5/9/2007	CM	Absent	SM 9223 B
Nitrates N(NO ₃), mg/l				10.0	EPA 353.2
Sand				None	Visual
Turbidity, NTU				10.0	EPA 180.1
pH, SU				N/A	EPA 150.1
Chlorine Residual, mg/l				<0.1	EPA 430.5
Iron, mg/l				<0.3	EPA 236.1
Total Solids, mg/l				500	EPA 160.3
MBAS, mg/l				<0.1	EPA 425.1
Nitrite, mg/l					EPA 354.1
Lead, ppb				15	EPA 200.9

Bacteriological examination of this sample indicates that it is

SAFE

for human consumption.

* ND= Not Detected

* Bacteriological examination performed using Presence/Absence Method with results expressed as organisms/100ml
(Standard Methods, 17th ed.)

These results were obtained for the sample indicated above; however, this sample was not collected by Water Testing Labs, Inc. As such, we can assume no responsibility for the validity of the sample source.

REPORTED BY: FRED GROZINGER

Water Testing Laboratories is a Water Quality Laboratory certified by the Maryland, Delaware and Virginia State Health Departments

Commonwealth of Virginia
Uniform Water Well Completion Report

Owner: <u>Ronald Rowe</u>	Tax Map ID <u>38A1((1))104</u>
Address: _____	VDH Permit <u>06-165-0780</u>
Phone: _____	VWCB Permit _____
Location: <u>Lot 104 Swan Lane</u>	VWCB ID _____
	County <u>Northampton</u>

* Well Data *

General Information

Drilling Method <u>Mud Rotary</u>	Date Completed <u>3/29/2007</u>	Total Depth of Well <u>40</u>
Depth to Bedrock _____	Yield <u>35</u>	Length of Test <u>3Hrs</u>
Static Water Level <u>10ft</u>	Stabilized Water Level <u>25ft</u>	Natural Flow(Rate) _____
Well Disinfected (Y or N) <u>Yes</u>	Disinfectant Used <u>Chlorine</u>	Amount Used <u>1 Gallon</u>

Casing

From <u>0</u> To <u>30</u>	From _____ To _____	From _____ To _____
Size <u>4"</u> Material <u>Pvc</u>	Size _____ Material _____	Size _____ Material _____
Weight/Schedule <u>Sch. 40</u>	Weight/Schedule _____	Weight/Schedule _____

Gravel Pack

From <u>30</u> To <u>40</u>	From _____ To _____	From _____ To _____
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Grout

From <u>0</u> To <u>20</u>	From _____ To _____	From _____ To _____
Bore Hole Size _____	Bore Hole Size _____	Bore Hole Size _____
Type <u>Hole Plug</u>	Type _____	Type _____
Method _____	Method _____	Method _____

Water Zones or Screened Intervals

From <u>30</u> To <u>40</u>	From _____ To _____	From _____ To _____
Mesh Size <u>8 Slot</u> Diam <u>4"</u>	Mesh Size _____ Diam _____	Mesh Size _____ Diam _____
From _____ To _____	From _____ To _____	From _____ To _____
Mesh Size _____ Diam _____	Mesh Size _____ Diam _____	Mesh Size _____ Diam _____

* Use Data *

Private Well: _____	Domestic <u>X</u> Agricultural _____ Industrial _____ Monitoring _____	
Public Well: _____	Community _____ Non-community _____	

* Abandonment Information *

Bored or Dug Wells

Casing Removed, Y or N? _____
If Y, Depth to Which casing was removed: _____
Depth and Type of Fill: _____
Source of Fill _____
Bentonite Plugs: From _____ to _____ From _____ to _____

Wells other than Bored Wells

Casing Removed, Y or N? _____
Depth to Which casing was removed: _____
Applicable, Depth(s), and type of Gravel/sand Fill: _____
Source of gravel or sand: _____
Cement: From _____ to _____ From _____ to _____

Method of permanently marking location: _____

Record of Inspection - Nonpublic Drinking Water Supply System

Property Owner

Ronald Rowe
391 Walker Avenue
Pennel, PA 19047
Phone:

Health Dept. ID: **06-165-0780**

Tax Map: **38A1((1))104**

Locality: Northampton

Property Location

Property Address: Swan Lane
Subdivision: Vaucluse , Lot 104
Directions:

=====

Well Driller: Bundick Well & Pump Co., Inc.

Nonpublic drinking water well class: Class IIIC

Date construction started: March 29, 2007

Has water well completion report been filed as required by Sec. 12 VAC 5-630-440. Yes

Well Location / Distances from sources of pollution:

(See Table 3.1 and 12 VAC 5-630-380 of the Private Well Regulations)

Building Sewer 50+ feet; Pretreatment Unit 50+ feet; Conveyance System 50+ feet; Subsurface Soil Absorption System 100+ feet (nearest point); Property Line 10 feet; Other: .

Construction, General: (See 12 VAC 5-630-400 and 410 of the Private Well Regulations)

Total depth of well 40 feet; Type of casing Sch 40 PVC WC ; Depth of casing 30 feet; Diameter of casing 4 inches. Casing extends 12 inches above ground. Annular space was sealed with Hole Plug to a depth of 20 feet, and was Poured from Surface. Screens (if used) are constructed of SCH 80 PVC. Well head and opening to the interior protected: Yes. Type of well seal: Well cap. Pitless adapter used: No. If so, was it properly installed: ; and properly vented: . None

Quantity: Yield and drawdown determined by continuous pumping of 3 hours.

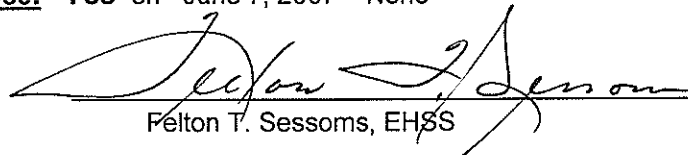
Yield: 35 GPM ; Drawdown: 15 feet ; Static Water Level: 10 feet ; Type of storage: Pressure.

Quality: Sample tap provided at entry into system: Yes. Sample(s) collected: Yes. Result of samples: Satisfactory. Date of Sample: May 16, 2007 None

Satisfactory Construction: Yes on June 7, 2007

Well Approved for Use: Yes on June 7, 2007 None

Signed June 7, 2007


Felton T. Sessoms, EHSS