



Northumberland County Health Department
PO BOX 69
Heathsville, Virginia 22473
(804) 580-8827 Voice
(804) 580-2913 Fax

Sewage Disposal System Construction Permit

Richard Ross
8909 Millwood Dr.
Spotsylvania, VA 22551

June 22, 2018

Subject: Health Department ID Number: 166-18-095
Tax Map Number/GPIN: 12A(1)36
Subdivision: Potomac Bay Estates Lot: 36
110 Presley Dr., Heathsville, VA 22473

Dear Richard Ross:

The attached drawings, specifications, and calculations constitute your permit to install a sewage disposal system on the property referenced above. The attached schematic shows the approved area for the sewage disposal system. If modifications or revisions are necessary between now and when you construct your dwelling, please contact the Northumberland County Health Department at (804) 580-8827. No part of any installation shall be covered or used until inspected, and the sewage system may not be placed into operation until you have obtained an Operation Permit from the Northumberland County Health Department.

The following documents will be required to obtain the Operation Permit:

System Inspection by the local Health Department
Satisfactory Contractor's Completion Statement

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 or well (if applicable). The owner is responsible at all times for complying with all applicable local, state, and federal laws and regulations.

This construction permit is transferable 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 authorization to construct a sewage disposal system and well (if applicable) expires: December 22, 2019.

Issued by:

Rosalie Coultrip, Environmental Health Specialist, Sr.

VDH OSE Construction Permit Report

Property Location:
911 Address: 110 Presley Dr. City: Heathsville

GPIN and/or Tax Map #: 12A(1)36

Applicant Mailing Address:
Name: Richard Ross

Street: 8909 Millwood Dr.

City: Spotsylvania State: VA Zip Code: 22551

Designed by:
VDH OSE(s): Rosalie Coultrip

Enter OSE(s) license number

License #(s): 19400001141

Health Department: Northumberland County Health Department

Health Department Address: PO BOX 69

City: Heathsville State: Virginia Zip Code: 22473

Date of Report: June 22, 2018

Contents/Index of this report:

1. Approval letter	
2. Certification & Index	
3. Specifications	
4. Schematic	

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* (12VAC5-610), the *Private Well Regulations* (12VAC5-630), 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 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.

 Master OSE Signature: Rosalie Coultrip Date: 6-22-2018

Journeyman OSE Signature: _____ Date: _____

System Specifications

166-18-095

Applicant Information	
Name: Richard Ross Address: 8909 Millwood Dr. Spotsylvania, VA 22551	Phone: (804)
Location Information	
Tax Map/ GPIN #: 12A(1)36 Property Address: 110 Presley Dr. Northumberland VA Directions:	
General Information	
Property Type: Residential	Daily Flow: 450 gallons Number of Bedrooms: 3
Sewer Line and Septic Tank	
Sewer Line: 3" or 4" schedule 40 PVC or equivalent, cleanouts required at 50' -60' intervals Septic Tank Capacity: 1000 gallons 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 liquid level. The outlet structure shall extend 35-40% below and 8-10 inches above the liquid level. The septic tank shall either have an inspection port or an effluent filter, or be a reduced maintenance tank.	
Conveyance Line	Distribution Box and Header Lines
Method: Gravity Material: 1500# for non-pump/ SCH 40 for pump Pipe Diameter: 4" Minimum Slope: 6" per 100' for non-pump	No. of Boxes: 1 No. of Outlets: 10 Header Line Material: 1500 # crush or equivalent Header Line Minimum Slope: 2" per 100'
Percolation Lines/ Absorption Area	
Install: 720 sq feet total Installation depth: 36" Trench slope to be between 2-4" per 100' Install 4 Laterals, 60' long, and 3' wide, with 9' center to center spacing. The use of an approved gravel-less technology is required in the installation of this design. No reduction from the specified design footprint is allowed.	
PLEASE NOTE: 100% Reserve area provided	
This permit expires: December 22, 2019.	

#B.
5/21/19

Contractor: Davis Systems
10/11/19 for quick 45
15/disk

Septic Tank - 1000 gal. concrete

w/ filter & riser
TEES - ~~4'9"~~ 4'9" - 4'11 1/4" = 2 1/4"

LINE 1 5'3 1/2" - 5'7" = 3 1/2"

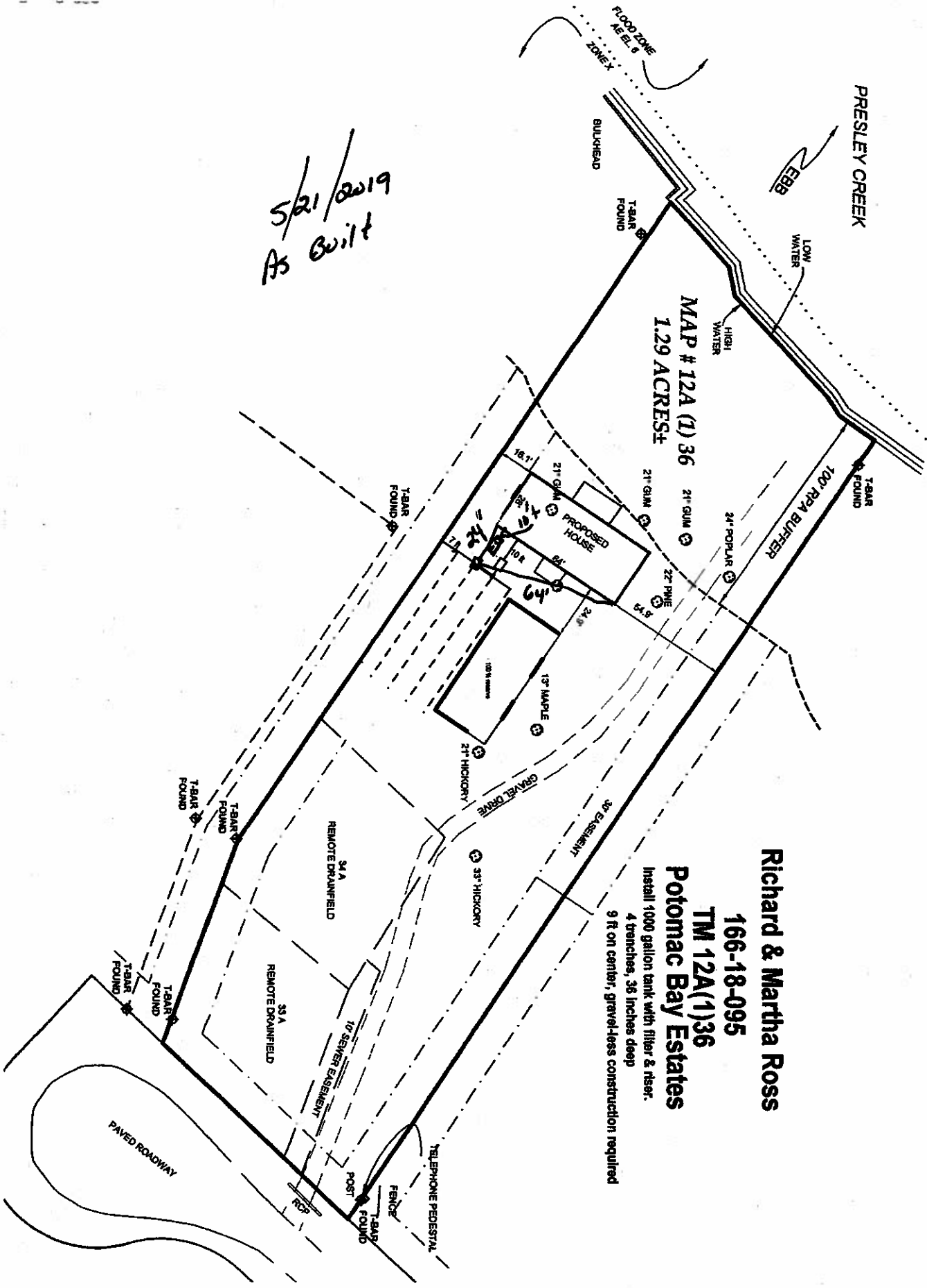
Concrete D-Box - Tinned sk (10 post)

LINE 2 }
LINE 3 } Covered

- sch 40 4" sewer line
- smooth bore conveyance line
& header lines

LINE 5'7" - 5'9" = 2"

5/21/2019
As Built



MAP # 12A (1) 36
1.29 ACRES±

Richard & Martha Ross

166-18-095

TM 12A(1)36

Potomac Bay Estates

Install 1000 gallon tank with filter & riser.
4 trenches, 36 inches deep
9 ft on center, gravel-less construction required

Sewage Disposal System Operation Permit

Property Owner

Richard Ross
8909 Millwood Dr.
Spotsylvania, VA 22551
Phone: (804)

Health Dept. ID: **166-18-095**
Tax Map/GPIN: **12A(1)36**
Locality: **Northumberland County**

Property Location

Property Address: 110 Presley Dr.
Heathsville, VA 22473

Richard Ross is hereby granted permission to operate a **Residential Conventional Onsite Sewage System** at the above referenced location, under the following parameters:

Daily Flow: 450 gallons

Number of Bedrooms: 3

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.

June 6, 2019
Effective Date

Daisy Burrell
Environmental Health Specialist, Sr.


Signature

Sewage System Construction Inspection Report

Health Department ID Number: **166-18-095**

Tax Map/GPIN: 12A(1)36

System Location

Owner: Richard Ross
Property Address: 110 Presley Dr.
County: Northumberland

Subdivision:
Section Block Lot

Sewer Line

Diameter: 4 "
Material: Sch 40 Plastic

Satisfactory: Yes
Date Inspected: 5/21/2019
Comments:

Septic Tank

Volume: 1000 gallons
Material: Concrete (pre-cast)
Grade on Tees:

Satisfactory: Yes
Date Inspected: 5/21/2019
Comments:

Conveyance Line

Method: Gravity
Pipe Size: 4"
Material: Sch 40 Plastic

Satisfactory: Yes
Date Inspected: 5/21/2019
Comments:

Distribution System

Method: Distribution Box
Box Material: Concrete Box
Number of Ports: 10

Satisfactory: Yes
Date Inspected: 5/21/2019
Comments:

Header Lines and Trench Dispersal Area

Design Type: Standard
Square Feet: 0 sq feet
Header Material: Smooth-bore plastic
Trench Number: 4
Trench Length: 60'
Trench Depth: 36"

Satisfactory: Yes
Date Inspected: 5/21/2019
Comments: infiltrator quick 4's used-----15 chambers per ditch
Trench Width: 3'
Center Spacing: 9'
Aggregate Type: Gravel-less

Overall Construction

Overall Construction: Yes
Construction Comments:
Completion Statement Received Date:
Inspected by: Hank Becker EHS

Completion Statement

Commonwealth of Virginia
State Department of Health

Tax Map 12A(1)24
Health Department
Identification Number: 111-18.095
NORTHUMBRIA Health Department



Name of Company/Corporation/Individual: Dave Systems, Inc.

Address: PO Box 877 TAPP VA 22560

Telephone: 804-443-1420

Owner's Name: Richard Ross

Owner's Address: 110 Presley Drive Hedgesville VA 22473

Location of Installation: Lot _____ Block: _____

Section: _____ Subdivision: _____

Other: Potomac Way 92420

I hereby certify that the onsite sewage disposal system has been installed and completed in accordance with the construction permit issued
(Date) 6/22/18 and is in compliance with Part D of the Sewage Handling and Disposal Regulations and when appropriate the plans and
specifications for the project.

Date: 6/22/19
Signature and Title: Wayne L. ...