

File 1390

TO: DIVISION OF INSPECTIONS

DATE: 7/21/76

FROM: HEALTH DEPARTMENT

RE: NOTIFICATION OF ISSUANCE OF SEPTIC TANK PERMIT AND/OR WELL PERMIT

OWNER'S NAME: Thomas A. Ritter

BUILDING APPLICATION NUMBER: B0853

SUBDIVISION: Seneca Farms SEC: 2 BLOCK: LOT: 12

TAX MAP IDENTIFICATION AND ADDRESS: 2-2-002-12
235 Seneca Rd. Gr. Falls, Va.

SEWAGE DISPOSAL PERMIT # 76-765

ISSUED FOR : dwelling

WELL PERMIT ISSUED FOR: dwelling

SEWAGE DISPOSAL SYSTEM DESIGNED FOR four BEDROOMS
(ALL PERMITS FOR DWELLINGS ARE DESIGNED TO INCLUDE AUTOMATIC WASHER
& GARBAGE DISPOSAL)

RESTRICTIONS:

THE ABOVE TO BE COMPLETED IN QUADRUPLICATE EACH TIME A PERMIT IS
ISSUED. ONE COPY TO PLUMBING INSPECTION BRANCH. ONE COPY TO ELECTRI-
CAL INSPECTION BRANCH. RETAIN TWO COPIES WITH PERMIT

NOTIFICATION OF FINAL APPROVAL:

SEWAGE DISPOSAL SYSTEM

WATER SUPPLY SYSTEM

APPROVED: 4-14-77 F.D.V.

APPROVED: 1-20-77

1-21-77

LOGGED ON

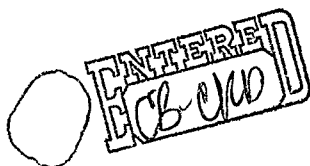
5-13-77

using that date (35)

(SIGNATURE)

UPON FINAL APPROVAL ONE COPY TO BE FORWARDED TO PLUMBING INSPECTION
BRANCH. ORIGINAL TO BE ATTACHED TO PERMIT.

W49/3-18-74



OWNER'S NAME

JOHN Dunkle

SUBDIVISION

Seneca Farms Sec 2

STREET ADDRESS

235 Seneca Rd

TAX MAP REFERENCE

Great Fail

2-2-002-12

968-1074 (O) 430-0143 (H)

UNDER

1390

FHD-EH-6 3-82

SPECIAL HANDLING

REGISTERED

PERMIT #

76-465

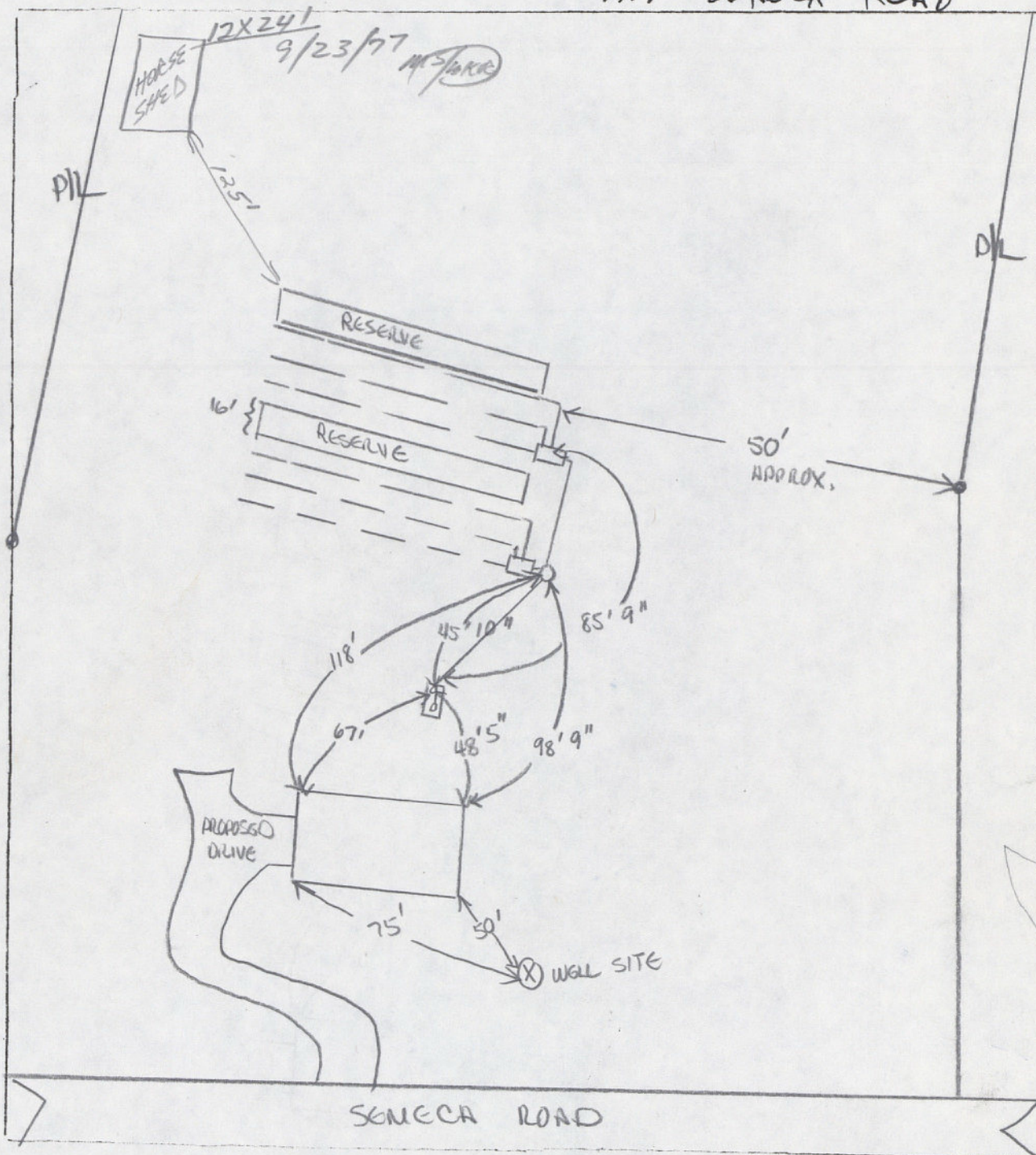
LOCATION:

2-2-001-7

Subdivision or Tax Map Ref.

WATER SUPPLY AND/OR SEWAGE DISPOSAL SYSTEMS AS INSTALLED

235 SENECA ROAD



Sketch to show location of septic tank flow diversion valve distribution boxes and well.

WATER SUPPLY

County/City Fairfax, Va. Date 7/21/76 Case No. _____

☐ Proposed ☐ Public ☒ Non-Public Drinking
☒ Record of Inspection ☐ Quasi-Public

Owner Thomas A. Ritter Address 638 Seneca Rd. Gr. Falls, Va. Phone 450-4086
(Mailing Address) 22066

Occupant _____ Address _____ Phone _____
Exact Location 002-12 Address Seneca Farms Sec. 2 Lot 12
of Premises 2-2-001-7 (Mailing Address) _____
(Subdivision, Street or Road Name, Section or Lot No.)

TYPE CUSTOMERS: ☐ Community ☐ Industrial ☐ Recreational ☐ Other:
TYPE SOURCE PROPOSED: _____
TOTAL PROPOSED ULTIMATE CONNECTIONS: _____
TOTAL PROPOSED ULTIMATE PERSONS (EMPLOYEES) SERVED: _____
TOTAL PROPOSED PRESENT CONNECTIONS: _____
TOTAL PROPOSED PRESENT POPULATION SERVED: _____

* Notify Division of Engineering (Regional Engineer) of impending development of a Public Water Supply.

AN INDIVIDUAL WATER SUPPLY ☒ New ☐ Existing FROM ☒ Drilled Well ☐ Driven Well ☐ Bored Well
☐ Dug Well ☐ Other _____ FOR ☒ Home ☐ Restaurant ☐ Trailer Court ☐ Motel
☐ Service Station ☐ Other _____

If a new supply, inspect for compliance with standards. If an existing supply, furnish as much information as may be available.

SOURCE OF INFORMATION ON-SITE INSPECTION; WELL LOGS IS PUBLIC WATER SUPPLY AVAILABLE ☐ Yes ☒ No

SEWAGE DISPOSAL BY ☐ PUBLIC SEWER ☐ COMMUNITY SYSTEM ☒ INDIVIDUAL SYSTEM ON SITE.

INSPECTION FINDINGS

235 Seneca Rd.

(1) WATERSHED Surface Drainage away from source in all directions
☒ Yes ☐ No. Distance Source from possible causes of contamination Sewer Line 60' feet. Type of material used in Sewer Line _____
(Describe) Septic Tank 80' feet.

Seepage Pit _____ feet. Subsurface Absorption Field (nearest point) 170' feet. Other _____ feet.

Note any serious obstacles in watershed on back of form.

(2) TYPE OF SOIL FORMATION ☐ Tight clay ☐ Limestone
☐ Sandstone ☐ Other 73-300 BLUE SLATE
(Describe)

(3) CLASSIFICATION OF WELL ☐ Type - 1 ☐ Type - 2A
☐ Type - 2B ☐ Type - 3 ☐ Other

(4) CONSTRUCTION DETAILS Total depth 300 feet.
Diameter 6 inches. Type of casing STEEL
(Describe)

Depth of casing 92 feet. Exterior space around casing sealed with ☒ Concrete grout to depth of 75' feet.

☐ Poured in place ☒ Pumped in under pressure ☐ Other type backfill _____ to depth of _____ feet.

(Describe) casing extends 12' inches above ground.

(5) WATER SOURCE COVER ☐ Concrete ☒ Metal ☐ Other
_____ Opening in Cover watertight
(Kind of Material)

☐ Yes ☐ No. If no, explain adapter

(6) PUMP ☐ Shallow Well ☒ Deep Well. Length of Drop Pipe _____ feet. Well capacity 4 gallons per minute.
Size of Feeder Pipe 1.5 inches.

(7) PUMP LOCATION ☒ In Well ☐ Over Well ☐ Offset.
If offset, does watertight casing extend to Pump ☐ Yes ☐ No
Pump room located _____ feet from Well.

Pump room drained by gravity through 4-inch or larger pipe to surface to ground ☐ Yes ☐ No. Pump platform of concrete or other impervious material, at least 4 inches thick at casing, extending at least 24 inches in all directions, sloped to drain: ☐ Yes ☐ No. Pump mounting watertight ☐ Yes ☐ No.

(8) TYPE OF STORAGE ☒ Pressure ☐ Gravity. Capacity 82 gal gallons. If gravity, is overflow pipe screened ☐ Yes ☐ No.

THIS WATER SUPPLY SYSTEM ☒ Is ☐ Recommended by FAIRFAX CO ☐ Div. Engineering
☐ Is not ☒ Approved ☒ Health Department

REMARKS: _____

Date 1-19-77 Signed GO Jones Date 7/20/77 Approved W. H. Berger
(Health Director)

Date _____ Approved _____ Date _____ Approved _____
(Reviewing Authority-Other Agency or Engineer)

RECORD OF INSPECTION-SEWAGE DISPOSAL SYSTEM

Date 7/21/76 Case No. _____
 Owner Thomas A. Ritter Address 638 Seneca Rd. Gr. Falls, Va. 22066 Phone 450-4086
 (Mailing Address) _____
 Occupant _____ Address _____ (Mailing Address) _____ Phone _____
 Exact Location of Premises Seneca Farms Sec. 2 Lot 12 002 7
 (Subdivision, Street or Road Name, Section or Lot No.) 2-2-001-7 012

WATER SUPPLY INSPECTION

Installed according to Permit Design 170+ ☒ Yes ☐ No. Distance to nearest House Sewer 60+ feet. Distance to nearest Sewage Disposal System _____ feet. (Use Form LHS-143 for Detailed inspection of Water Supply Reference Materials.)

SEWAGE DISPOSAL SYSTEM INSPECTION

- (1) LOCATION
 Allotted Area adequate ☐ Yes ☐ No. Distance from nearest lot lines 170+ feet. Trees 10 feet. Water Supplies _____ feet. Buildings 98' 9" feet.
- (2) INSTALLATION AND DESIGN
 Installed according to Permit Design ☐ Yes ☐ No
 Have additional Household Appliances been added NOT on Permit:
☐ Automatic Washer ☐ Garbage Disposal
☐ Other _____ (Describe)
- (3) SOIL CONDITION
 Are there soil conditions now evident which indicate system may be unsatisfactory as designed: ☐ Yes ☒ No. If Yes, show adjustments required under "Remarks" below.
- (4) HOUSE SEWER LINE
 Installed ☐ Yes ☒ No. Type of material _____ Size _____ Inches.
- (5) SEPTIC TANK
 Constructed of PRECAST CONCRETE (Kind of Material)
 Inside Dimensions Length _____ feet. Width _____ feet. Liquid Depth _____ feet. Depth of Air Space _____ inches. Inside Fittings comply with requirements ☒ Yes ☐ No.
- (6) DISTRIBUTION BOX
 Watertight and equal surcharge to each line by Water Test ☒ Yes ☐ No. Distribution Box provided with _____ (Number) extra outlets for future use.
- (7) SUBSURFACE ABSORPTION FIELD
 Total Area in bottom of ditches 776 square feet. Number of ditches 6 Length of ditches 62 feet. Grade of ditches Minimum 22 Inches per 100 feet. Maximum 4 inches per 100 feet. Has system been checked by instruments (Level) ☒ Yes ☐ No. Type aggregate used crushed stone. Depth of aggregate under Tile 27 inches. Total depth of aggregate 35 inches. Depth of backfill over aggregate 21 inches.
- (8) SURFACE DRAINAGE
 Storm Drains from House and Basement flowing away from Subsurface Drainage Field: ☐ Yes ☐ No. Was Surface Drainage required ☐ Yes ☐ No. If Yes, has this been provided ☐ Yes ☐ No. Has area been drained by lowering Ground Water Table: ☐ Yes ☐ No. ☐ Not required.
- (9) Are follow-up inspections necessary ☐ Yes ☐ No.

Septic Tank Contractor: EXCAVATING Address _____ Phone _____
 This Sewage Disposal System (Is) (Is Not) Approved by FAIRFAX CO Health Department.
 Date 4-13-77 Signed GO Jones (Sanitarian) Date 4-14-77 Approved W.B. Beyer (Health Director)
 Date _____ Approved _____ (Advisory Sanitarian) Date _____ Approved _____ (Reviewing Authority — Other Agency)

With proper maintenance, approved Sewage Disposal systems may be expected to function satisfactorily, provided no overloading or physical damage occurs to the system. Remarks: _____

PERMIT TO INSTALL

REPAIR, REASONS OR REJECTION

C-1

WATER SUPPLY

SEWAGE DISPOSAL SYSTEM

FDV pd 5/4/76

- (1) Void after (12) twelve months. (2) Automatically cancelled when site conditions are changed from those shown on permit.
- (3) Automatically cancelled should facts later become known that a potential hazard would be created by continuing installation.

FHA/VA ☐ Yes ☐ No Date 7/21/76 Case No. _____

Owner Thomas A. Ritter Address 638 Seneca Rd., Great Falls Phone 450-4086

(Mailing Address) 22066

Occupant _____ Address _____ Phone _____

(Mailing Address)

Exact Location

of premises

Seneca Farms

Sec. 2 L-12

2-2-001-7

(Subdivision, Street or Road Name, Section or Lot No.)

FOR: ☒ Dwelling ☐ Other _____ Automatic Washing Machine ☒ Yes ☐ No Consumption 800 gal. per day

Actual ☒ Potential ☐ Bedrooms 4 Garbage Disposal Unit ☒ Yes ☐ No (☐ Actual ☐ estimated Water)

Additional wastes _____

(1) WATER SUPPLY (Existing) Class _____ Approved ☐ Yes ☐ No Other _____
(To be installed) Class _____ Cased * ft. to be grouted * ft.

*AS per county codes

(Unless supported by positive evidence Class III is to be considered as to be installed.)

SOIL STUDY Naturally drained, suitable by sight ☐ Yes ☐ No Technical Classification _____ (If Known)

(2) Estimated Percolation Rate 1-10 ☒ 11-25 ☐ 26-50 ☐ > 51 ☐ Percolation Test Required ☐ Yes ☐ No Rate 100-55"
(Minutes per inch) (Minutes per inch to nearest 10 minutes)

Depth to Grey Mottles _____ inches (estimate over 4 ft.) OTHER _____

Surface drainage required ☐ Yes ☐ No OTHER DRAINAGE _____

(3) HOUSE SEWER LINE Size _____ inches. Type of material required _____. Distance from Water Supply _____ feet.

(4) DETAILS OF CONSTRUCTION Watertight Septic Tank of precast concrete Material Liquid Capacity 1480 gallons.
Inside Dimensions Length _____ feet. Width _____ feet. Liquid Depth _____ feet. Depth of Air Space _____ feet.

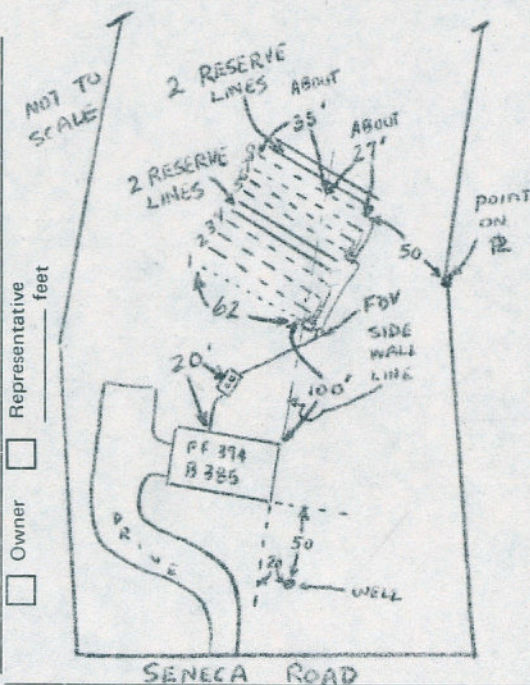
SUBSURFACE ABSORPTION FIELD Number of square feet required 976 + 488 Type aggregate required crushed stone

(5) Depth of aggregate from base of tile to bottom of ditches 27 inches. Allowable fall 2 to 4 inches. 100'

Total aggregate minimum depth 35 inches or more. Depth of drainfield to be 55 inches from surface of original ground.

Distance from well to septic tank 750 feet; distance from well to drainfield 700' feet.

Rough Sketch of Premises (including adjacent properties if pertinent, Showing Location of Lot Line, Buildings, Water Supplies, Sewage Disposal Systems, Trees, and Other Possible Sources of Contamination of Water Supplies, by Indicating Distances and Slope with regard to one another.



1. Install 8 lines, 62' long, 2' wide, 55" deep on 6' centers.
2. Line #1 to start even with side wall line, 100' from house corner and run with contours.
3. Line #8 to start about 50' from "point on R" and be located so about 27' is before the side wall line and 35' after the side wall line.
4. Leave 16' of undisturbed soil between #4 & #5 (edge to edge) for 2 line reserve.
5. Install dist. boxes so reserve maybe utilized later.
6. Install a flow diversion valve.
7. Install well in area indicated.
8. Maximum backfill is 20".
9. Eject any/all basement plumbing.
10. Call for final grade when completed for approval.
11. Call for water sample when connected to house and inspected.
12. Install both systems in accordance with local codes.

Note: Owner or his agent must notify FAIRFAX CO Health Department, Phone 691-2201 when installation is ready for inspection. If any Sewage Disposal System, or part thereof, is covered before being inspected by the Health Department, it shall be uncovered at the direction of the Health Director or his agent. CONDITIONS DISCOVERED DURING INSTALLATION MAY REQUIRE ADJUSTMENTS OF SYSTEM DESIGN. Changes from above specifications require Health Department approval before being made.

Based on the above information, the undersigned recommends that this permit be issued.

Date _____ Approved _____ Date 11/3/76 Signed 60 Jones

(Reviewing Authority)

(Sanitarian or Health Director)

235 Seneca Rd.

PERMIT TO INSTALL

REPAIR, REASONS FOR REJECTION

C-1

WATER SUPPLY

SEWAGE DISPOSAL SYSTEM

FDV pd 5/4/76

- (1) Void after (12) twelve months. (2) Automatically cancelled when site conditions are changed from those shown on permit.
(3) Automatically cancelled should facts later become known that a potential hazard would be created by continuing installation.

FHA/VA ☐ Yes ☐ No Date 7/21/76 Case No. _____

Owner Thomas A. Ritter Address 638 Seneca Rd., Great Falls Phone 450-4086
(Mailing Address) 22066

Occupant _____ Address _____ Phone _____
(Mailing Address)

Exact Location of premises Seneca Farms Sec. 2 L-12 2-2-001-7
(Subdivision, Street or Road Name, Section or Lot No.)

FOR: ☒ Dwelling ☐ Other _____ Automatic Washing Machine ☒ Yes ☐ No Consumption 800 gal. per day
Actual ☒ Potential ☐ Bedrooms 4 Garbage Disposal Unit ☒ Yes ☐ No (☐ Actual ☐ estimated Water)
Additional wastes _____

(1) WATER SUPPLY (Existing) Class _____ Approved ☐ Yes ☐ No Other _____
(To be installed) Class _____ Cased * ft. to be grouted * ft. *AS PER COUNTY CODES

(Unless supported by positive evidence Class III is to be considered as to be installed.)

(2) SOIL STUDY Naturally drained, suitable by sight ☐ Yes ☐ No Technical Classification _____ (If Known)
Estimated Percolation Rate 1-10 ☒ 11-25 ☐ 26-50 ☐ > 51 ☐ Percolation Test Required ☐ Yes ☐ No ☐ Rate 10 @ 55"
(Minutes per inch) (Minutes per inch to nearest 10 minutes)
Depth to Grey Mottles _____ inches (estimate over 4 ft.) OTHER _____
Surface drainage required ☐ Yes ☐ No OTHER DRAINAGE _____

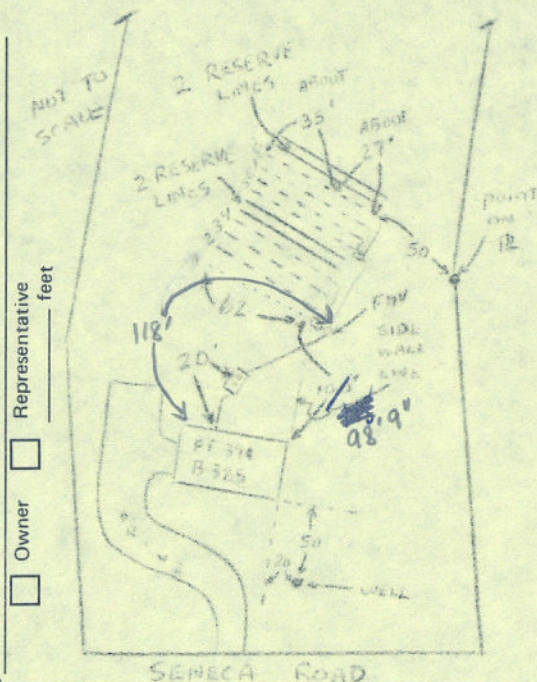
(3) HOUSE SEWER LINE Size _____ inches. Type of material required _____ Distance from Water Supply _____ feet.

(4) DETAILS OF CONSTRUCTION Watertight Septic Tank of precast concrete Material Liquid Capacity 1480 gallons.
Inside Dimensions Length _____ feet. Width _____ feet. Liquid Depth _____ feet. Depth of Air Space _____ feet.

SUBSURFACE ABSORPTION FIELD Number of square feet required 976 + 480 Type aggregate required crushed stone

(5) Depth of aggregate from base of tile to bottom of ditches 27 inches. Allowable fall 2 to 4 inches. 100'
Total aggregate minimum depth 35 inches or more. Depth of drainfield to be 55 inches from surface of original ground.
Distance from well to septic tank > 50 feet; distance from well to drainfield > 100' feet.

Rough Sketch of Premises (including adjacent properties if pertinent, Showing Location of Lot Line, Buildings, Water Supplies, Sewage Disposal Systems, Trees, and Other Possible Sources of Contamination of Water Supplies, by Indicating Distances and Slope with regard to one another.



1. Install 8 lines, 62' long, 2' wide, 55' deep on 6" centers.
2. Line #1 to start near with side wall line, 100'
3. Line #8 to start about 50' from "Point on 12" and be located so about 27' in by the side wall line and 35' after the side wall line.
4. Leave 16' of undisturbed soil between #4 & #5 (edge to edge) for 2 line reserve.
5. Install dist. boxes so reserve might saturated later.
6. Install a flow diversion valve.
7. Install well in area indicated.
8. Maximum backfill is 20".
9. Eject any/all basement plumbing.
10. Call for final grade when completed for approval.
11. Call for water sample when connected to house and inspected.
12. Install both systems in accordance with the codes.

Note: Owner or his agent must notify FAIRFAX CO Health Department, Phone 831-2201 when installation is ready for inspection. If any Sewage Disposal System, or part thereof, is covered before being inspected by the Health Department, it shall be uncovered at the direction of the Health Director or his agent. CONDITIONS DISCOVERED DURING INSTALLATION MAY REQUIRE ADJUSTMENTS OF SYSTEM DESIGN. Changes from above specifications require Health Department approval before being made.

Based on the above information, the undersigned recommends that this permit be issued.

Date _____ Approved _____ (Reviewing Authority) Date 11/3/76 Signed 6d Jones (Sanitarian or Health Director)

PERMIT # 76-765

LOCATION: 2-2-001-7
Subdivision or Tax Map Ref.

PART I

WATER SUPPLY INSPECTION REPORT (To Supplement LHS 143)

Well Installed By RUNYON Pump Installed By Rumyon

- I. GROUT INSPECTED . . . OBSERVED A.M. START . . . 12-21-76 JOH
Date Sanitarian
- II. PIPE & ELECTRIC WIRE FROM WELL TO STORAGE TANK APPROVED . . . 1-12-77 SLU
Date Sanitarian
- III. TYPE OF INSTALLATION: ☒ PITLESS ADAPTER ☐ PIT ☐ SURFACE 1-12-77 SLU
(4" Drain) (Drain) App. Date Sanitarian
- IV. STORAGE TANK. 82 gal. . . . 1-12-77 SLU
Date Sanitarian
- Gate Valve ☒ Sample Tap and
Check Valve ☒ Backflow Preventer ☒ Elec. Dis. Switch ☒
Press. Relief Valve ☒

- V. INITIAL WATER SAMPLE COLLECTED. NE . . . 1-17-77 COJ
Date Sanitarian

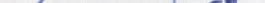
DATE	RECORD OF ADDITIONAL REMARKS OR VISITS	DISPOSITION	SANITARIAN
12-14-76	OBSERVED RUNYON BEGINNING WELL IN APPROX. SAME AREA - (> 20' FROM HOUSE CORNER) SHOWN ON PERMIT	HOLD FOR CALL	<u>JOH</u>
12-21-76	LEFT WELL SITE WHILE GROUT WAS WITHIN 5' OF GROUND SURFACE - AT OFFICE	RESCUE/RECALL A.S.A.P.	<u>JOH</u>
1-3-77	GROUT DROPPED 10' + (TOLD RUNYON CREW)	HOLD	<u>COJ</u>
1-17-77	NEED LOGS - Told Ritter	HOLD	<u>COJ</u>
PART II 1-19-77	WS < 1.0 SEWAGE DISPOSAL SYSTEM INSPECTION REPORT (To Supplement LHS 141)	APPD	<u>COJ</u>

DATE	RECORDS OF REMARKS AND VISITS	DISPOSITION	SANITARIAN
11-17-76	Wrong papers for layout - was suppose to be 21/3	HOLD	<u>COJ</u>
12-9-76	✓ 1/100's 3, 4, 5, 6, 7, 8 + 9?	1 to 10	<u>D. H. H.</u>
12-13-76	CHECKED SEPTIC TANK, TEES, FOU, D. BXS., ALL O.K. TO BF EXCEPT LOWER D. BX. WHICH COULD NOT BE LEAVED DUE TO OUTLET HAD NO MUD AND APPEARED TO BACK UP IN BX. ALSO, UPPER + LOWER D. BX. DID NOT HAVE 1" INLET DIFFERENTIAL BUT WAS COLLECTED WHILE SAME ON SITE	HOLD FOR CALL LOWER D. BX.	<u>JOH</u>
12-14-76	CHECKED LOWER D. BX. - O.K. TO BF - DID NOT CHECK AMT. OF BF BECAUSE GRADING ROWN NOW WITH LARGE PILES OF DIRT AROUND	RESCUE/RECALL FINAL GRADE TALK OR WITH GROUT	<u>JOH</u>
12-17-76	NOW CHANGE FROM ABOVE COMMENTS, INFORMED CONTRACTOR	RESCUE/RECALL FINAL GRADE WITH W.S.S. DITCH	<u>JOH</u> (1.3.77)
12-21-76	NO CHANGE IN SDS- BF REAL ROUGH AND HUGE PILES OF DIRT AROUND	HOLD	<u>COJ</u>
1-3-77	BF OK HOLD FG		
1-17-77	Told Ritter to remove LARGE piles of dirt over reserve areas - cover tanks	HOLD	<u>COJ</u>
3-28-77	House not completed. BG not complete!	Resch 1 mo	<u>COJ</u> 4-28-77

1000

RECORDS OF REMARKS AND VESSEL DATA

16



811 811 811

111

Handwritten notes and diagrams on lined paper, including a small diagram of a triangle with arrows and the text "b1 b2 b3".

33

2

1. 1.1

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

APPLICATION

☒ FOR PERMIT TO:☒ Install or Repair Sewage Disposal System☒ Install or Repair Water Supply System☐ APPROVAL OF BUILDING APPLICATION FOR (Specify): dwelling

MAP REFERENCE

Plat	Subd.	Blk.	Lot
2	2	001	7

STREET ADDRESS: 235 Seneca Rd
LOT 12 Seneca Rd. Great FallsPROPERTY IDENTIFICATION: Seneca Farms 2
SUBDIVISION Sec.OWNER'S NAME Thomas A. Ritter Phone (H) 450-4086(0) SameOWNER'S ADDRESS 638 Seneca Rd Great Falls La 22066
Street City & State Zip CodeCONTRACTOR'S NAME Owner Phone /CONTRACTOR'S ADDRESS /
Street City & State Zip Code

RELEASE PERMIT TO: OWNER BUILDER:

NEW DWELLING: No. of Bedrooms 4 Den yes Bath in Basement NO
yes/no yes/noMethod of Sewage Disposal: Public Sewer / Septic Tank / Other /
(describe)Water Supply : Public / Private Well / Other /
(describe)ADDITIONS TO EXISTING DWELLINGS: No. of bedrooms presently in house: /
No. of bedrooms to be added: /Describe other rooms in addition: /Method of Sewage Disposal: Public Sewer / Septic Tank / Other /
(Describe)Water Supply: Public / Private Well / Other /
(Describe)COMMERCIAL USE: No. of Employees / Estimated daily water use / gal/day.APPLICANT SIGNATURE: Sally Ritter DATE: 7-16-76

TO BE FILLED IN BY HEALTH DEPARTMENT

Building Permit Appl. No. 80853Perc Rate 10 Depth 55" S.T.P.R. No. 02698 5-4-76
Septic Tank 1875 Gallons. Absorption Field 244 linear Feet.
Replacement area required, 244 linear Feet.
(yes/no)REMARKS: OK as Tested Install as shown on platREVIEWED BY: JRB DATE: 7-21-76
REVIEWED BY: / DATE: /11-3-76
4BR now
partition removed
in master BR to
make LARGE
BR. of

8277

C/ 763
76-686

WATER SUPPLY LOG

NEW X REPAIR

OWNER Thomas A. Ritter DATE 1-13-77 PHONE 450:4086

OWNER'S ADDRESS 638 Seneca Road, Great Falls, Virginia 22066
(Street) (City and State - Zip Code)

WATER SUPPLY CONTRACTOR R. R. Runyon PHONE 430-6000

CONTRACTOR'S ADDRESS 12108 Sugar Land Road, Herndon, Virginia 22070
(Street) (City and State - Zip Code)

LOCATION	Seneca Farms	Sec. 2	L-12	2-2-001-7
	(Subdivision)		(Section)	(Block) (lot)

235 SENECA ROAD

INFORMATION TO BE SUPPLIED BY WATER SUPPLY CONTRACTOR

WELL DATA:

Date Construction Started 12-15-76 (Indicate Weight for Metal Casing)

1. Type of Well: Drilled x Bored Dug 2. Casing Material Wt/Ft
3. Casing Diameter 6" 4. Total Length of Casing Installed 92
5. Depth of Grouting 72 Ft. Number Bags Cement Used 27
6. Strainer or Screens: Type Diameter Length Size of Openings
7. Standing Water Level (Depth below Ground Surface When Not Pumping) 50
8. Yield of Well 4 G.P.M.
9. Elevation of Water Surface When Pumped at Designated Rate 290
10. Number of Hours Pumped at Stipulated Rate During Test 4
11. Physical Appearance of Water at End of Pumping Test clear
12. Log of Materials Encountered During Drilling (Indicate Depth of Various Strata)
73' Red Dirt
227' Bluestone

Total Depth of Well 300'
13. Depth to Water Bearing Formation 290 Ft.

PUMP DATA:

14. Type of Pump Installed Submersible
15. Pumping Rate 5 G.P.M. @ 50 T.D.H. or P.S.I.
16. Type of Well Seal steel 17. Location of Pump Well
18. Pressure Tank: Size 82 Gals. Location Basement
19. Well Supplied with Following Appurtenances:
A. Sample Tap Yes
B. Well Vent Yes
C. Pressure Relief Valve Yes
D. Gate Valve Yes
E. Check Valve Where Required Yes
F. Electrical Disconnect Switch on the Pump Power Supply Yes
20. Date Pump Installed 1-12-77
21. System Disinfected 1-12-77

Signed:

Water Supply Contractor

PLEASE RETURN COMPLETED FORM IMMEDIATELY TO HEALTH DEPARTMENT TO FACILITATE APPROVAL OF SUPPLY

Division of Environmental Health
All underground utility lines and utility easements
must be located a minimum of 4 feet from all
sub-surface disposal systems.

TOTAL LINEAR FEET
DRAIN TILE = 616'

1,875 GAL.
SEPTIC TANK
IN = 83.1
OUT = 83.0

A circular professional engineer seal for the Commonwealth of Virginia. The outer ring contains the text "COMMONWEALTH OF VIRGINIA" at the top and "LICENSED PROFESSIONAL ENGINEER" at the bottom. In the center, the name "JAMES A. SMITH" is printed above "CERT. NO." and the number "4446". A handwritten signature, "James A. Smith", is written across the seal in blue ink.

DRANESVILLE DISTRICT
FAIRFAX COUNTY, VIRGINIA
SCALE: 1"=50' JULY 15, 1976

JAMES A. SMITH & ASSOCIATES
CIVIL ENGINEERS · LAND SURVEYORS
GG23-A OLD DOMINION DRIVE
MCLEAN, VIRGINIA 22101