

7-11-96  
C.O. 2:00  
W.P.G.  
7-2-96  
1:00 P.M.

03-311783

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 57100C

A 37094

DISTRICT 3rd

DATE 6/25/96

DATE SYSTEM APPROVED 7/1/96

INSPECTOR M. Ripkin

**HOWARD COUNTY HEALTH DEPARTMENT**

**BUREAU OF ENVIRONMENTAL HEALTH**

~~461-9933~~ 313-2640

Jack Fyock Septic Services, Inc. IS PERMITTED TO INSTALL X ALTER       

ADDRESS P.O. Box 89 Triadelphia Road, Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Springmill Farm LOT 3 ROAD 13751 Frederick Road (MD RTE 144)

PROPERTY OWNER Harold and Jessie Ramsburg

ADDRESS       

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 300 feet from the front lot line and 130 feet from the left lot line as seen when facing the property from Route 144 (Frederick Road)

NOTES - Run trenches along contour in both directions.  
- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

*OK 12/20/05 KAS*

PLANS APPROVED BY Craig Williams/Ron Pinkley DATE 9/18/86, 9/1/95

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

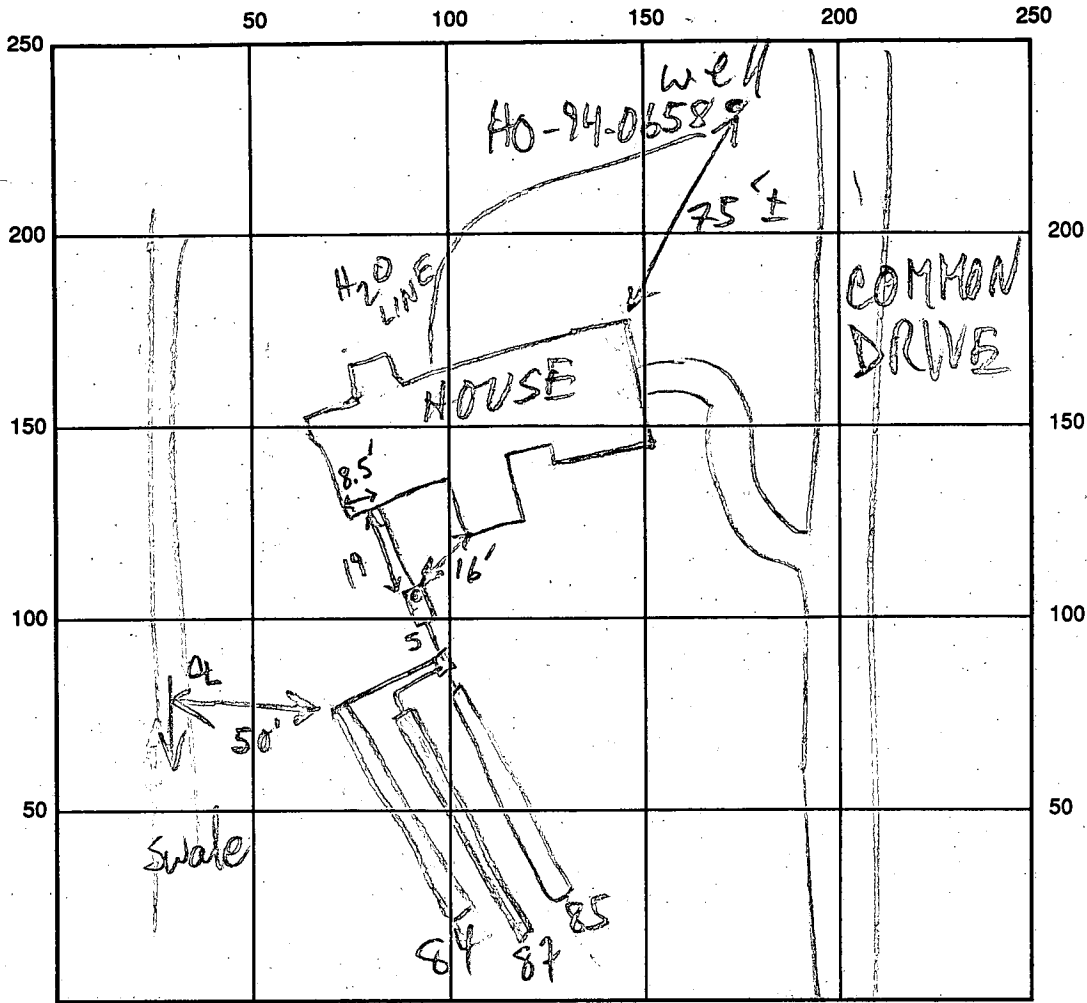
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 37094



FRED RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL \_\_\_\_\_ CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 0'5" @ 27' @ 3'84

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 0'255 @ 261 @ 3'252 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 768 SQ. FT.

REMARKS: 7/1/96 OK TO COVER MR

DATE SYSTEM APPROVED

7/1/96

INSPECTOR

M. Ripkin

# APPLICATION

ADDITIONAL TESTING TO ADJUST SDA

PERCOLATION TESTING

A 50980C

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

DISTRICT 3

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DATE 11-16-95

MAIL PERC LETTER TO



TOM SMITH 489-5048  
14120 ROVER MILL ROAD W. FRIENDSHIP 21794

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Harold & Sessie Ramsburg

ADDRESS Columbia, Md PHONE 720-0293

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Spring Mill Splat Vent LOT NO. 3

ROAD AND DESCRIPTION 13751 Frederick Road  
West Friendship, Md

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT



# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37094  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 3rd

DATE May 27, 1986

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Sharon Ramsburg Smith

ADDRESS 14120 Rover Mill Road PHONE 498 - 5048

W. FRIEND, 21794

PROPERTY LOCATION:

SUBDIVISION Ramsburg Property LOT NO. 3

ROAD AND DESCRIPTION Frederick Road Maryland Route 144 (south side)

West Friendship, Maryland

SIZE OF LOT 3 acre TYPE BLDG. N/A

MAP 15, PARCEL 215 (NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Sharon Ramsburg Smith  
(SIGNATURE OF APPLICANT)

APPROVED BY Christian FOR SHALLOW TRENCHES DATE 9/17/86

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

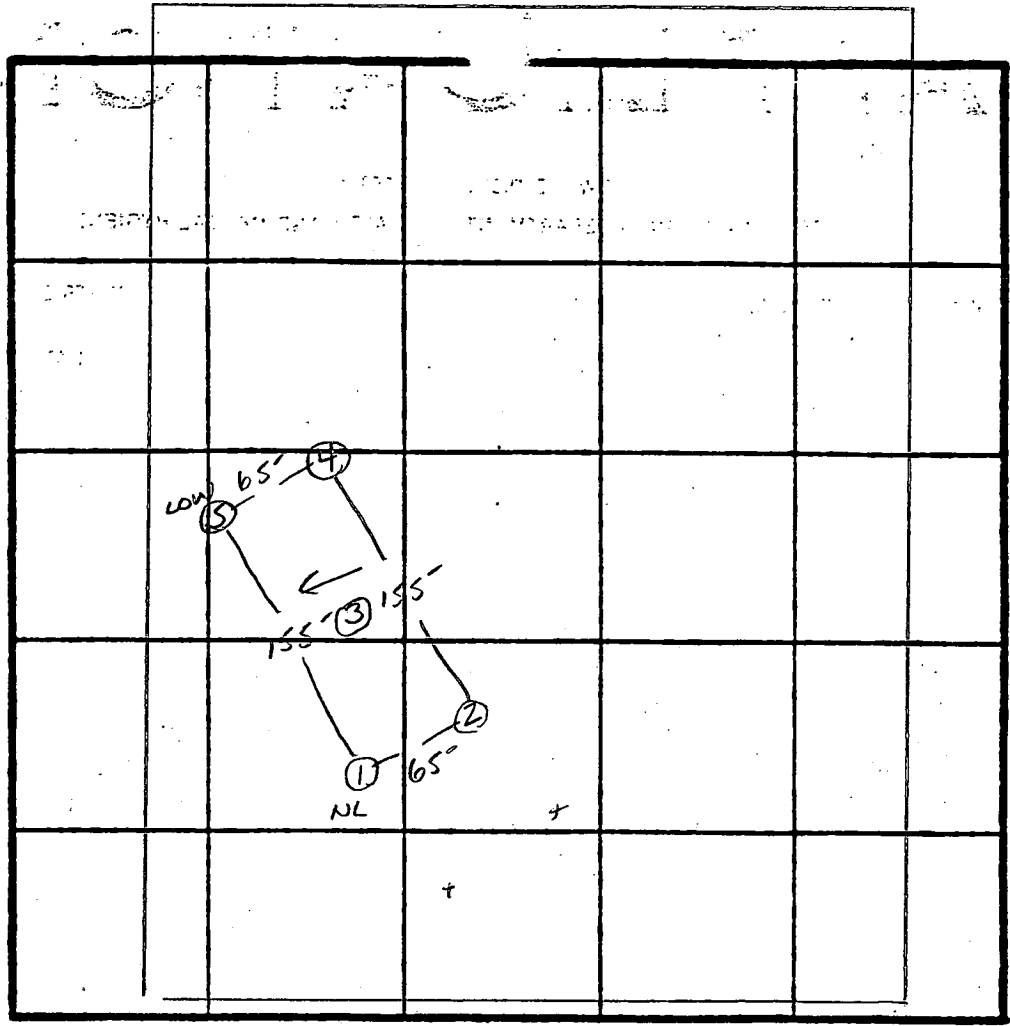
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

⑥ ① ③ ④

SOIL PROFILE

0  
9" AP  
Yellow BR  
Silty SAND  
LOAM ~7%  
CLAY <10%  
FRAGMENTS  
4-  
4.5'  
Yellow BR  
SAND Silt  
Slightly  
micaceous  
<10%  
FRAGMENTS  
13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RE 144

X Perc  
11 min  
INLET 3.5  
BOTTOM SO  
180 \$/BR

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/25/96	1 V	5'- 13'	12:53	12:58	12:58	1:09	11 min	
	2 S	3'	1:33	1:34	1:34	1:38	4 min	
	2 M	8'	1:39	1:40	1:40	1:43	3 min	
	2 V	12'	UNIFORM SOIL STRUCTURE BELOW 3'					
	3 S	4.5'	1:10	1:14	1:14	1:25	11 min	
	3 V	18'	UNIFORM SOIL BELOW 4'					
	4 V	10'	UNIFORM SOIL BELOW 4'					
	5 S	4.5'	1:28	1:40	1:40	2:05	25 min	
	5 V	11.5'						

REMARKS HOLES DUG PER PLAT SHALLOW SYST. ONLY

TYPE OF SOIL Glenelg

TESTED BY S. Abel

MR. SMITH / SKIP / ROBERT  
ALSO PRESENT

EH-12-1079

2815

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 37094

ST/CO USE-ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Smith Thomas STREET OR RFD 13751 Frederick Rd TOWN West Friendship SUBDIVISION Springmill Farm SECTION LOT 3

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy Clay, brown slate, gray slate, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (S, T, P, L) Nominal diameter, Total depth of main casing

OTHER CASING (if used)

Table for other casing with columns for diameter and depth

SCREEN RECORD

screen type or open hole (S, T, B, R, H, O, P, L, O, T) SLOT SIZE 1, 2, 3 DIAMETER OF SCREEN

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

TYPE MWD/MSD/MGD DRILLERS LIC. NO. 40

DRILLERS SIGNATURE George F. Eustawing

LIC. NO. MWD 501

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with rows for casing height and depth

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

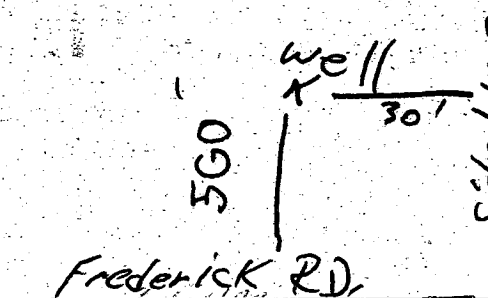
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 7 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 31 WHEN PUMPING 67 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)







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HOWARD COUNTY HEALTH DEPARTMENT

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Joyce M. Boyd, M.D., County Health Officer

August 9, 1995

Mr. and Mrs. Thomas Smith  
14120 Rover Mill Road  
West Friendship, Maryland 21794

RE: Spring Mill Farm, Lot #3  
Frederick Road  
Well Permit Application

Dear Mr. and Mrs. Smith:

This office recently received the above referenced well permit application from your well driller, Mr. George Easterday. However, before this application is processed, you should be aware of sampling conditions that will be part of the well water supply approval.

Due to concerns regarding the recent removal of underground storage tanks on a neighboring property, it will be necessary for a water sample to be taken by this office for testing for the presence of VOC (Volatile Organic Compound) contamination. The well driller will work in accordance with us to ensure that we are able to take the water sample at the time of the well yield test. The sample will be tested by the State laboratory at no charge to you. An evaluation of the test results will be important in determining the viability of this water supply. Additional testing may be necessary depending upon the results of this initial testing.

Thank you in advance for your cooperation in this matter. If you have questions or concerns, please contact Mr. Bert Nixon at (410) 313-2644, or myself at (410) 313-2640.

Sincerely,

Donna K. Soe, Sanitarian  
Water and Sewerage Program

DKS

cc: Mr. Bert Nixon  
Mr. George Easterday  
file



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

October 17, 1995

Mr. and Mrs. Thomas Smith  
14120 Rover Mill Road  
West Friendship, Maryland 21794

RE: Spring Mill Farm, Lot #3  
Frederick Road  
Well Permit #HO-94-0658

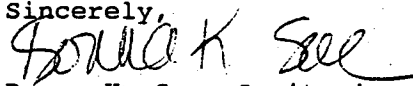
Dear Mr. and Mrs. Smith:

In response to concerns of possible contamination of the water supply for the above referenced property due to the recent removal of underground storage tanks, a water sample for testing for VOC (Volatile Organic Compound) contamination was taken at the time of the well yield test on September 1, 1995. This sample was submitted to the State Gas Chromatography - Mass Spectrometry Laboratory for testing for the presence of certain VOC's (see test results). A copy of the test results is enclosed for your records.

Results of the water sample analysis indicated no levels of VOC contaminants present above the limit of detection for the test methods employed. As a result of these findings, the Health Department considers the above referenced property eligible for submission of a building permit application for approval.

Additionally, another water sample was taken and submitted to the State Water Analysis Laboratory for nitrate-nitrogen testing. The test results indicated a nitrate-nitrogen concentration of 12.6 ppm, exceeding the maximum allowable level of 10 ppm. Therefore, installation of an acceptable nitrate treatment device will be required to reduce the nitrate concentration below the limit before final approval of the water supply will be granted.

If you have any questions or concerns, please call this office at (410) 313-2640.

Sincerely,  
  
Donna K. Soe, Sanitarian  
Water and Sewerage Program

DKS  
Enclosure  
cc: file

2/2/96 1100

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-N Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date 6/27/96

Name of Installer WILLOUGHBY PLUMB.

Telephone 410-781-7051

License Number # 6992

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner RAMSBURG SMITH - Telephone 489-5048

Subdivision SPRING MILL FARM Lot # 3 Well Tag # HO-94-0658

Site Address 13751 FREDERICK ROAD  
WEST FRIENDSHIP, MD

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet
  - c. Submersible
- 2. Make JACUZZI
- 3. Model # \_\_\_\_\_
- 4. Capacity \_\_\_\_\_ GPM
- 5. Pump exceeds well capacity Yes \_\_\_\_\_ No
- 6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other TAPE

Motor

- 1. Horsepower \_\_\_\_\_
- 2. RPM \_\_\_\_\_
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

- 1. Make HOWARD
- 2. Model # \_\_\_\_\_
- 3. Depth 4FT

Tank

- 1. Capacity 40 gal
- 2. Pressure relief valve? yes

Piping

- 1. Type CRES LINE
- 2. Size 1"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 4FT

Well data

- 1. Depth 200 ft.
- 2. Yield 7 GPM
- 3. Static water level \_\_\_\_\_ ft.
- 4. Will water supply be disinfected by installer? NO

P.A. OK 5' B.G. <sup>HR</sup> 7/3/96  
WELL LINE 3 1/2' B.G. @ HOUSE OK TO COVER

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Chris J. Willoughby

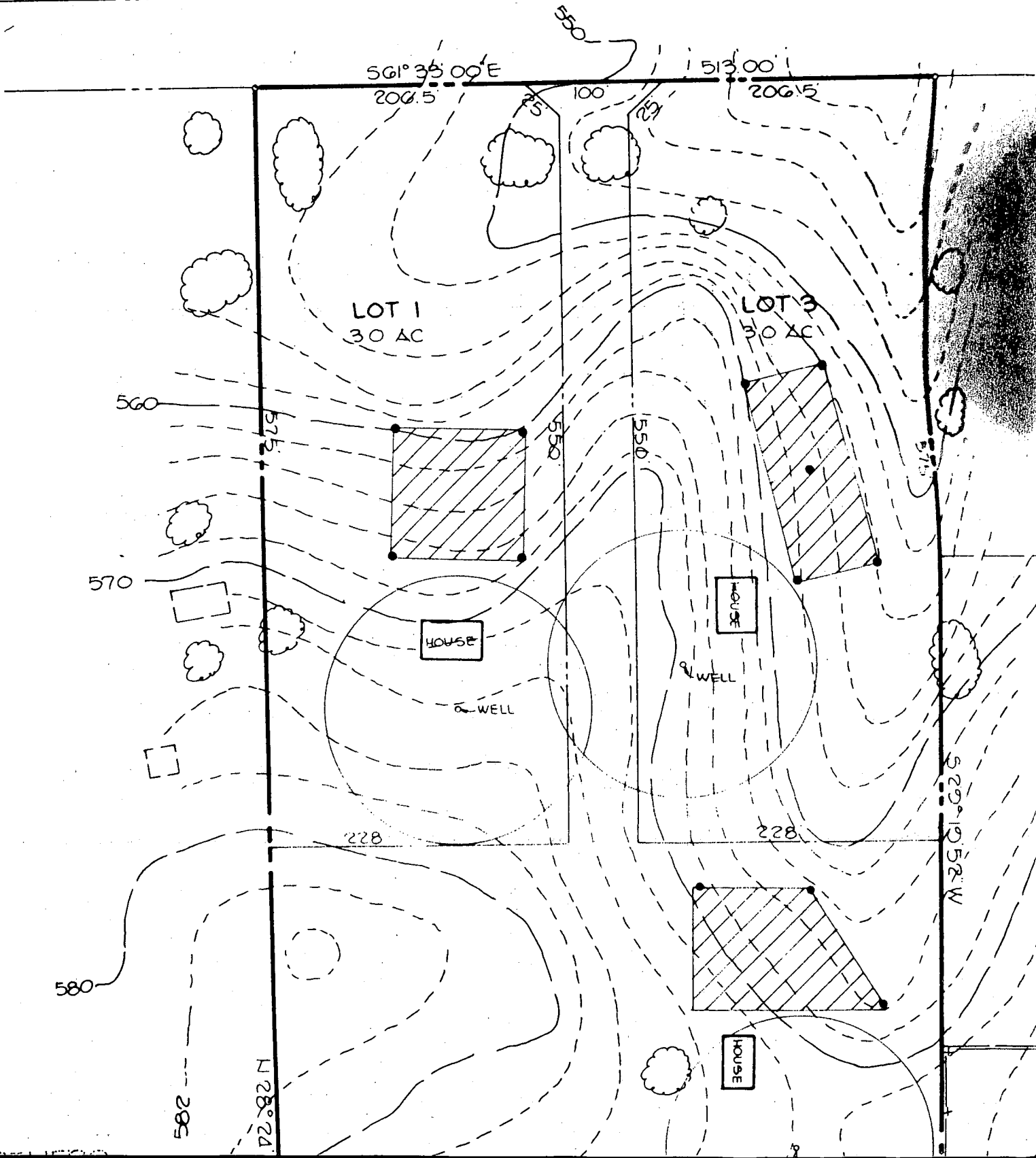
Date: 7/1/96

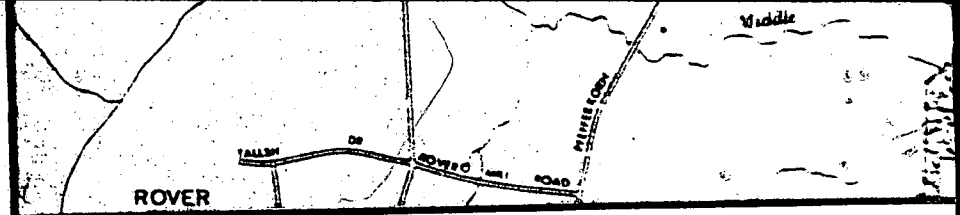
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

RAMSBURG  
PLAT SENT FOR SIGNATURE 9/18/86 C.W.

FREDERICK ROAD

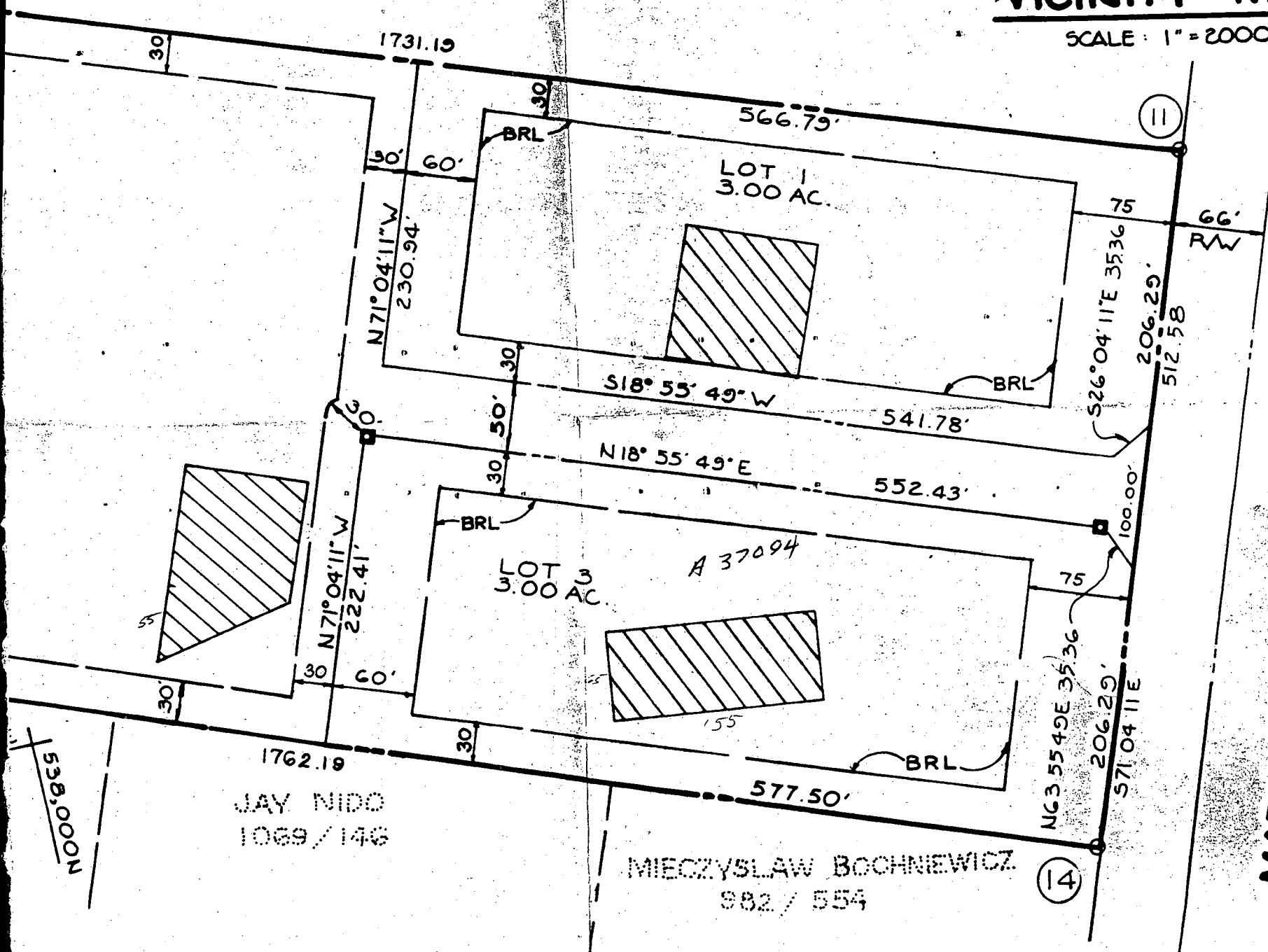
MARYLAND ROUT





# VICINITY MAP

SCALE: 1" = 2000'



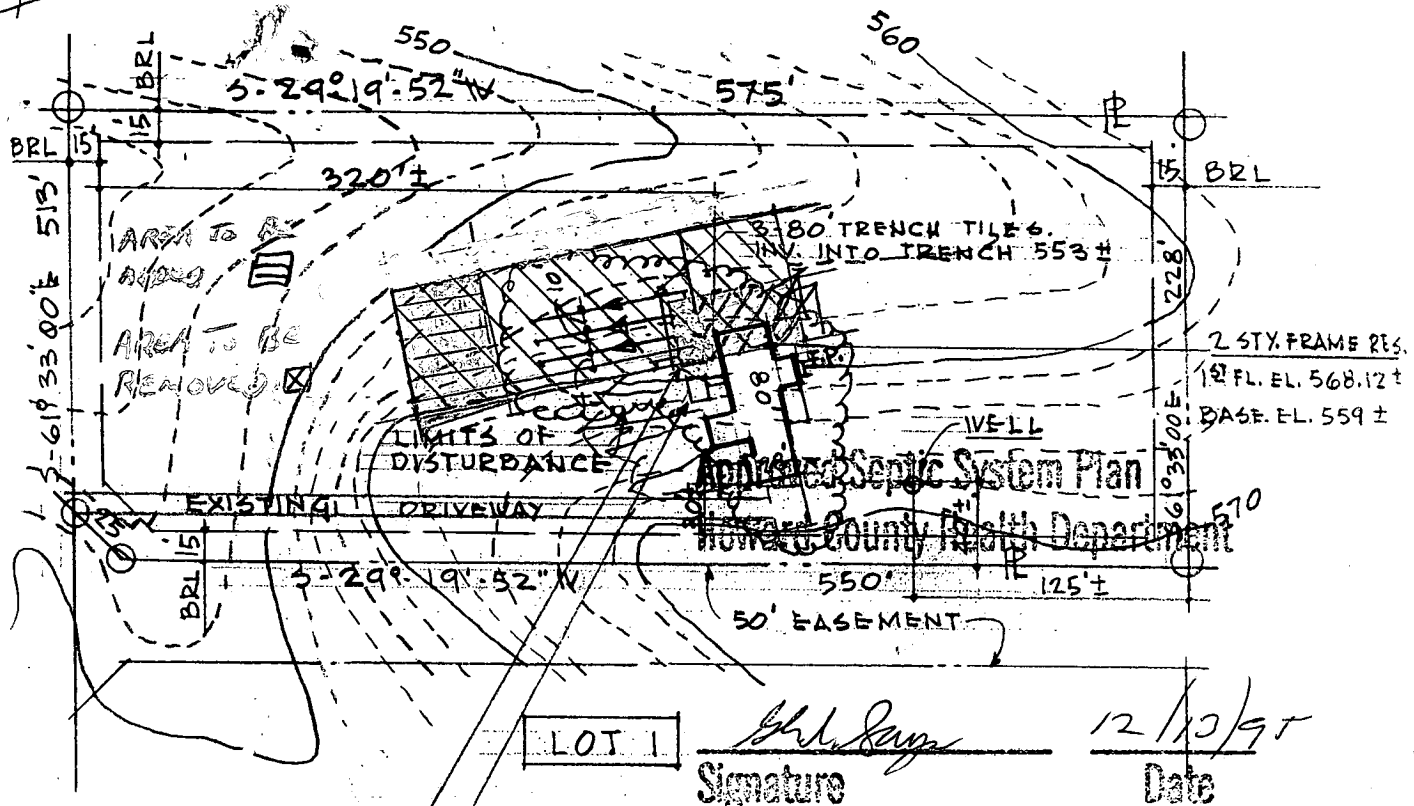
JAY NIDO  
1069 / 146

MIECZYSLAW BOCHNEWICZ  
982 / 554

MARYLAND ROUTE #144

copy of signed  
Final  
Sent for APPROVAL  
Sent for Sign  
PLAT O.K. S

FREDERICK ROAD



LOT 1

*[Signature]*  
Signature

12/13/95  
Date

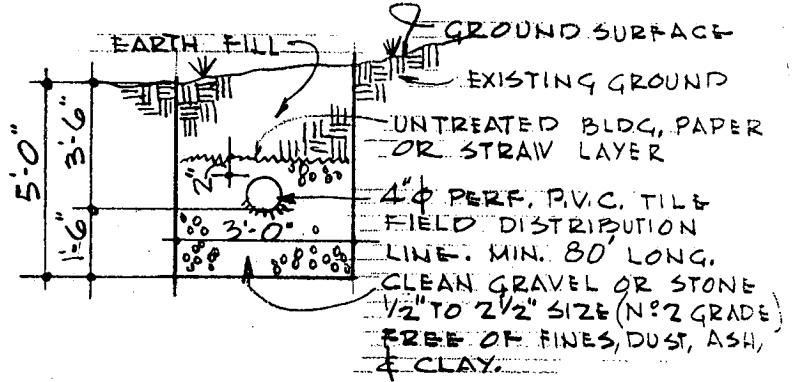
DISTRIBUTION BOX INLET INV. 555.5±  
MIN. 4" φ H.C.I. OR PVC PIPE.

SEPTIC TANK 1250 GAL. INLET INV. 557±  
MIN. 6" φ H.C.I. OR PVC PIPE AS  
APPROVED BY HEALTH DEPT.

BY THIS STATEMENT, THE  
HEALTH DEPT. ACCEPTS  
THE PROPOSED MODIFICATION  
TO THE SEWAGE EASEMENT  
12/13/95 *[Signature]* SALTARUM

SEWAGE DISPOSAL SYSTEM NOTES

1. INSTALLATIONS SHALL CONFIRM TO HEALTH DEPT. REGULATIONS & REQUIREMENTS.
2. USE "SHALLOW TRENCH DISPOSAL" SYSTEM. EACH TRENCH LENGTH = 100' MIN., WIDTH = 3'-0" & DEPTH BELOW PIPE = 1'-6". 5'-0" DEEP TRENCH W/ 1'-6" OF STONE ON BOTTOM.
3. BOTTOM OF TRENCH - LEVEL
4. 4" φ PERF. DISTRIBUTION LINES SHALL BE MIN. 80' LONG.
5. PROVIDE MIN. 3 LINES.



SHALLOW TRENCH TILE DETAIL  
NO SCALE

PLOT PLAN - LOT NO 3

SCALE: 1" = 100'-0" 11/28/95

ELECTION DISTRICT - 3 ZONED - R  
PRIVATE SEWER & WATER 3.0 ± ACRES

SPRING MILL FARM - MR & MRS. TOM SMITH  
13751 FREDERICK RD. (RT. 144)  
HOWARD COUNTY, MARYLAND