

03-314189

3/19/90  
WOOD WATSON

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

P 45344

A 40596

DISTRICT 6th

DATE 2/4/90

DATE SYSTEM APPROVED 3/21/90

INSPECTOR M. Ripkin

INDEXED

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER       

ADDRESS 4410 Salem Bottom Road, Westminster, Md. 21157 PHONE 875-4197

SUBDIVISION Roscommon Estates ROAD 3223 Roscommon Drive LOT 20

PROPERTY OWNER S. F. Contractors Frederick and Michele Marrie

ADDRESS       

~~IS SEWAGE TANK TO BE USED IN BASE SEPTIC TANK CAPACITY BY GOW AND ABSORPTION ARE BY XX~~

~~GARBAGE CONTAINER XXX YES XXXXXXXXXXXXXXXX NO XXXXXXXX~~

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 210 sq.ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 235' from the rear lot line and 130' from the left lot line. Run trenches along contour in both directions.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. W 2-12-90

PLANS APPROVED BY Craig Williams cm DATE 10/18/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

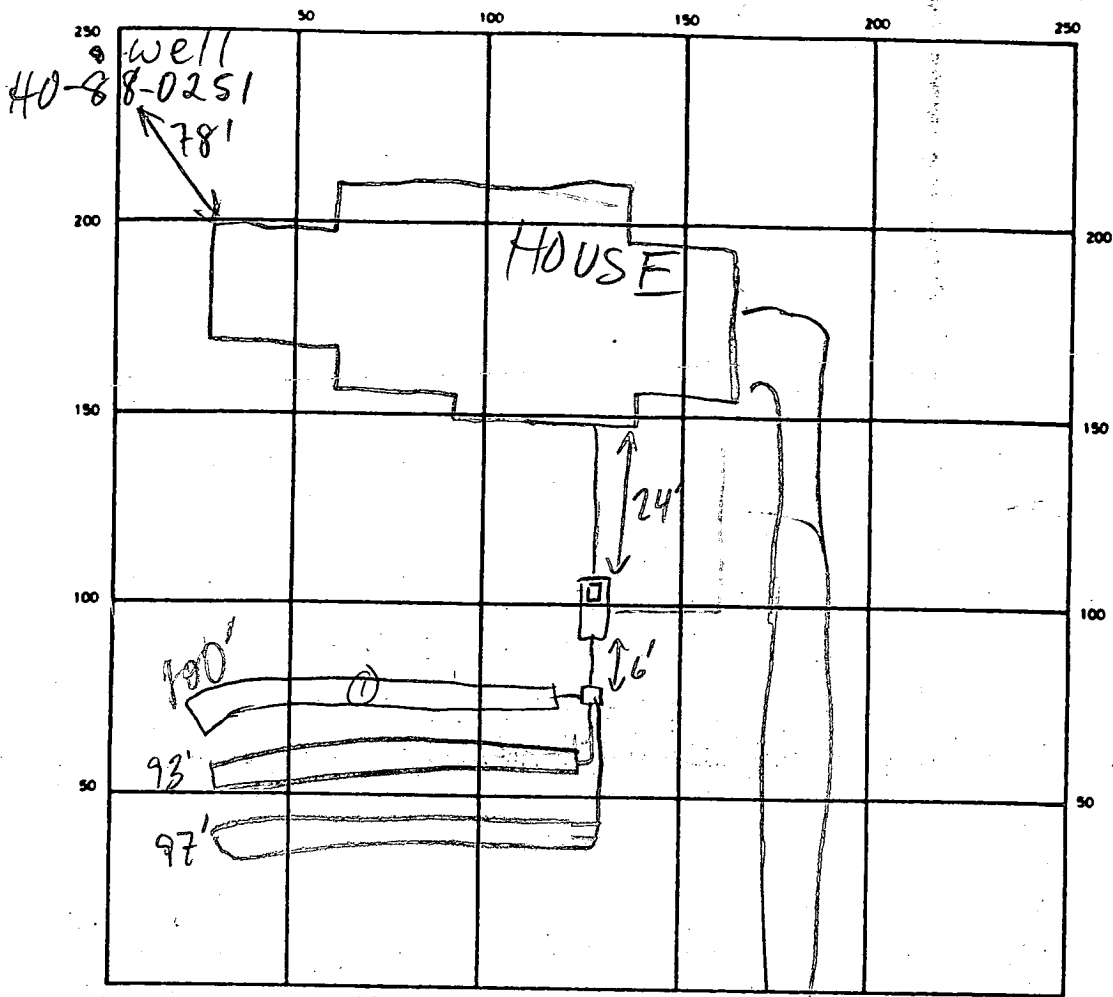
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A  
40596



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE  
 ROSCOMMON DR.

SEPTIC TANK LEVEL 1500 GAL-OK CLEANOUTS MANHOLE-OK

DISTRIBUTION BOX LEVEL OK-BAFFLE IN

DRAIN FIELD/TILE FIELD DEPTH  $\frac{1}{7} \frac{2}{8} \frac{3}{8}$  FT. TRENCH WIDTH 2 FT. INLET DEPTH  $\frac{1}{4} \frac{2}{3} \frac{3}{3}$  FT.

EFFECTIVE GRAVEL DEPTH  $\frac{1}{3} \frac{2}{5} \frac{3}{5}$  FT. TOTAL LENGTH  $\textcircled{1} 100 \textcircled{2} 95 \textcircled{3} 97$  FT. 262

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA  $\textcircled{1} 300 \textcircled{2} 465 \textcircled{3} 485$  SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 1250 SQ. FT.

REMARKS 3/19/90 #1 OK TO CONTINUE, TRENCHES MODIFIED TO

1@100' W/3' STONE, 2@95' W/4' STONE MR

3/19/90 #2 CONTINUE & COVER (1) WHEN READY

3/21/90 OK TO COVER WHEN READY MR

DATE SYSTEM APPROVED 3/21/90

INSPECTOR M. R. Kiffin

# APPLICATION

PERCOLATION TESTING

A 40596

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 6<sup>th</sup>

DATE 11-3-87

**PERC AREA APPROVED.**  
**NO FURTHER TESTING REQUIRED IF**  
**ON FIELD INSPECTION AREA IS OK. CENTER**  
**OF AREA IS MARKED**  
**SA**

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 Barbara Jurgalis Frederick and Michele Marrie  
S.T. CONTRACTORS

ADDRESS Christopher Rd, Ceilton, MD 21913 PHONE 275-2233

PROSPECTIVE BUYER Clayton Kemp

ADDRESS 8307 main Street, Ellicott City PHONE 465-4920

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 20

ROAD AND DESCRIPTION 3100 Pepper Run Rd. 3223 Koscommon Dr.

TAX MAP 15 PARCEL # 1704177

SIZE OF LOT 3.0+ TYPE BLDG Single family  
(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.

Christine A. Richards  
(SIGNATURE OF APPLICANT)

APPROVED BY Ed Albul FOR Deputy DATE 6-7-89

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

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

REASONS FOR REJECTION OR HOLDING PERC TEST REQUIRED DISTURBANCE SOLID SWELL IN

BLDG. PERMIT SIGNED  
AND RETURNED 6/26/89  
Serial # 42950 - SFD

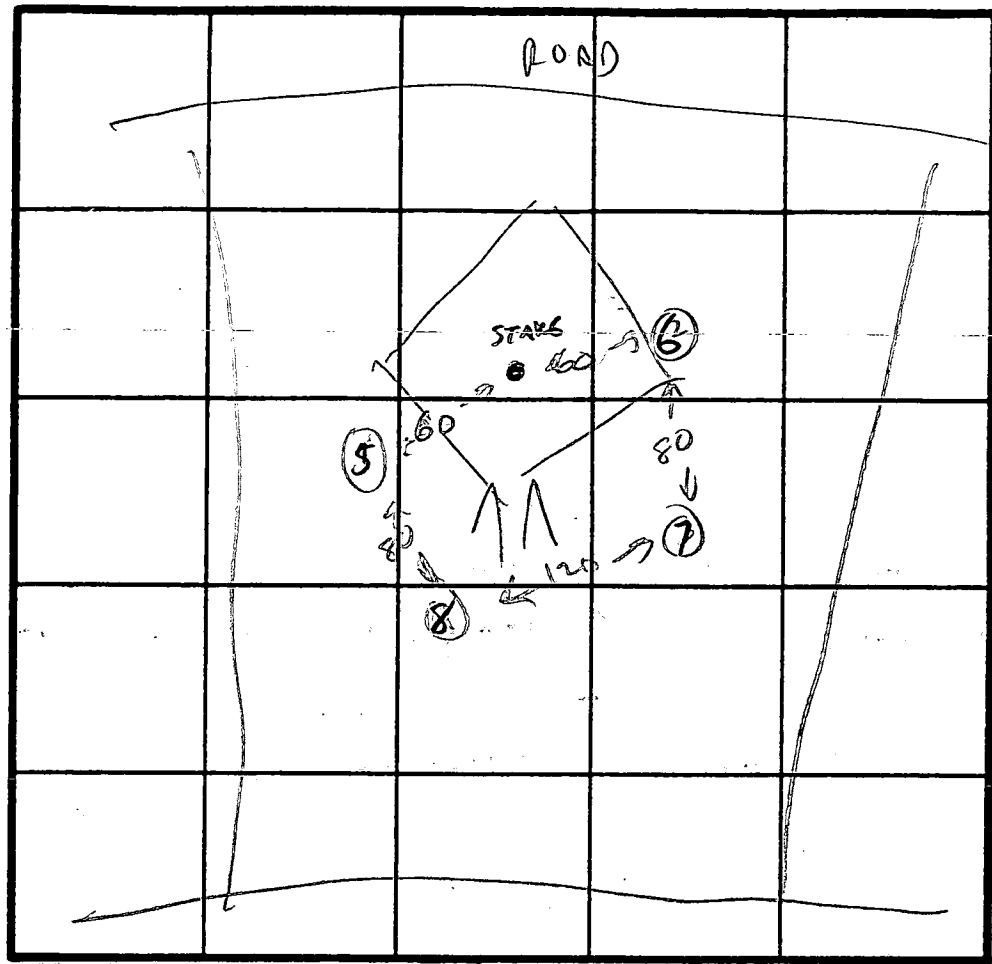
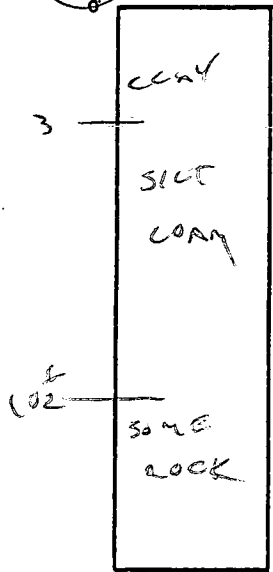
BLDG. PERMIT SIGNED  
AND RETURNED 6-7-89  
BP26755

HD-216

# THIS IS NOT A PERMIT

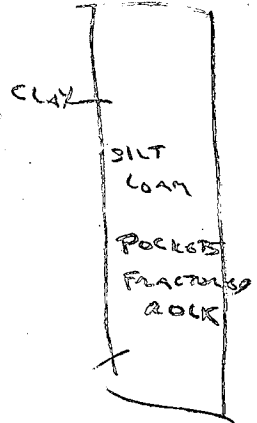
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SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#5



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	5	CLAY TO 5' THEN LOAM POCKETS FRACTURED ROCK AT 7 1/2 - 10' ROCK AT 10 1/2'					
	6	3 7	11:55 11:55	11:58 11:57	12:03 12:00		5 MIN 3 MIN
	7	3 7	12:03 VLS	12:07 OK LOAM	12:07 12:12		5 MIN
	8	3 1/2 7					
		11	VLS	OK LOAM			

REMARKS ELIMINATE HOLES, ROCK

TYPE OF SOIL MICA LOAM

TESTED BY C. Williams ALSO PRESENT KSTKam

# APPLICATION

*Prel*

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31021

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 3rd ELECTION

DATE 11/7/80

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 FARNANDIS FARMS, INC.

ADDRESS 9095 FREDERICK RD PHONE 889-0300

PROPERTY LOCATION:  
SUBDIVISION Howard County, Md LOT NO. 1

ROAD AND DESCRIPTION OFF PEPPERKORN RD, 2000 FT LEFT OF RT 32

SIZE OF LOT 3 ACRES TYPE BLDG. \_\_\_\_\_

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.

SIGNATURE OF APPLICANT LIBERTY - FARNANDIS ENTERPRISES / C. T. Byrd

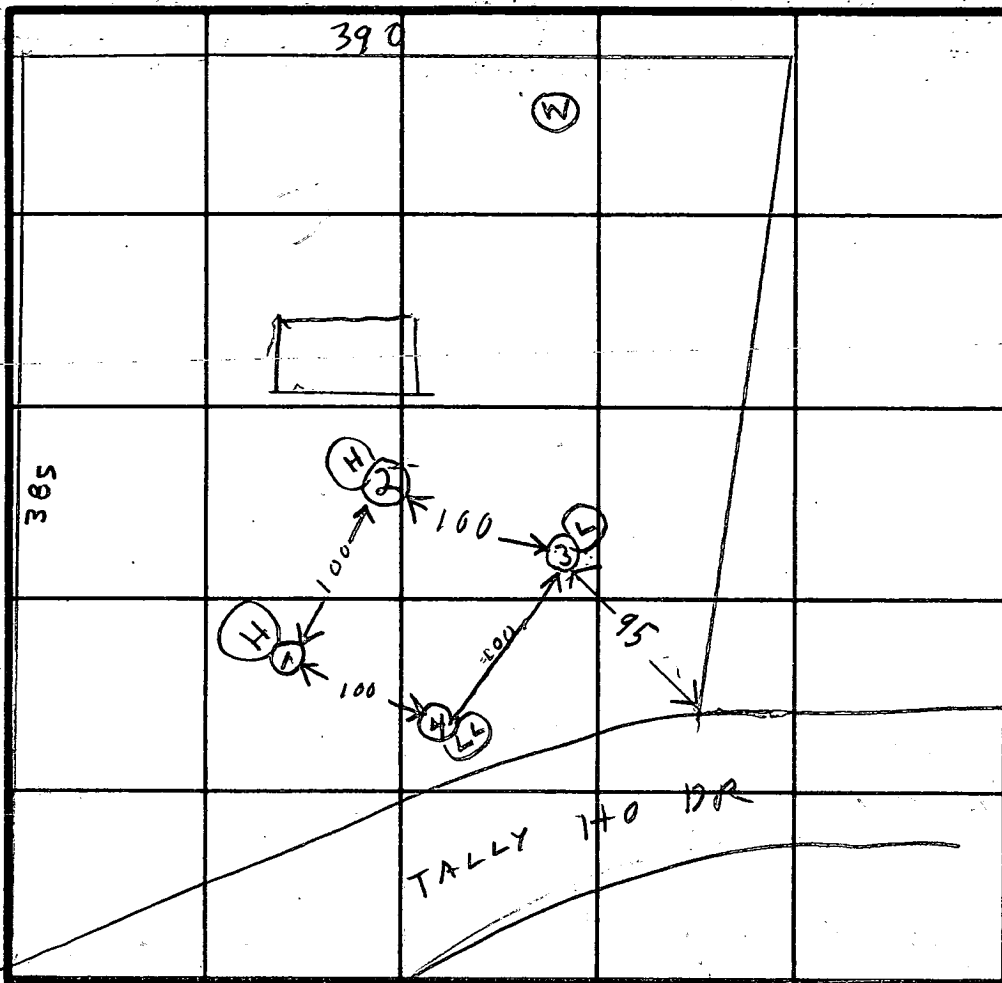
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

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

# THIS IS NOT A PERMIT

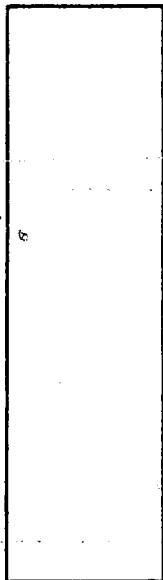


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

11B

135

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/25/80	1 D	8 1/2	1010	1013	1013	1018	5	
	1 S	4	1010	1018	1018	1025	7	
	2 S	4	1014	1022	1032	1056	24	
	2 D	8 1/2	1015	1024	1024	1040	15	
	3 D	8 1/2	1020	1026	1026	1036	10	
	3 S	3 1/2	1020	1022	1022	1024	2	
	4 S	4	1026	1035	1035	1042	7	
11/25/80	4 D	8	1026	1035	1035	1042	7	
	4 V	12 1/2	See Soil Profile					

max depth 4  
av time 9

(4)

0' - 3 1/2'  
clay, sand

3 1/2' - 12 1/2'  
sandstone  
with little  
clay

REMARKS

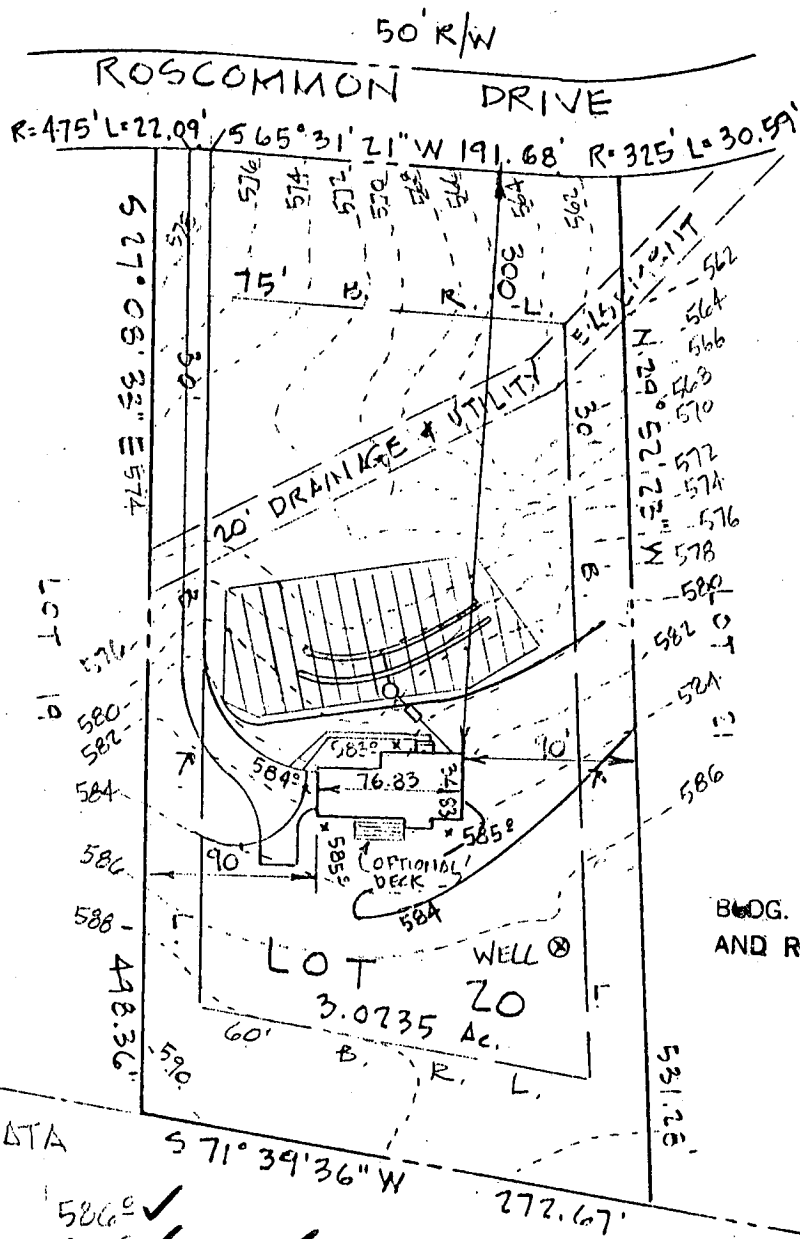
TYPE OF SOIL

TESTED BY

RH & JS

ALSO PRESENT

LOYD LIPPIN  
OKETTERMAN



BOG. PERMIT SIGNED  
AND RETURNED 6-7-89  
BP26755  
S-ubel

SEPTIC DATA

- HOUSE FIN. FL. 586.0 ✓
  - " BSM'T 577.0 ✓
  - " SEWER INV. 575.0 ✓ + BSM'T
  - SEPTIC INV. IN 574.5 ✓
  - TANK INV. OUT 574.2 ✓
  - " FIN. GR. 580.0 ✓
  - DISTR. INV. IN 574.0 ✓
  - BOX FIN. GR. 577.0 ✓
  - WATER EX. GR. 586.5 ✓
  - WELL FIN. " " ✓
- MANHOLE REQUIRED**

NOTE:  
1. HOUSE TYPE: 2 STY.  
W/FULL BSM'T  
2. ADDRESS: 3223

— BUILDER —  
S.F. CONTRACTORS, INC.  
3368 BRANTLY COURT  
GLENWOOD, MD. 21738  
442-1133

PLAT NO 8260

GRADING STUDY	
LOT 20 "ROSCOMMON ESTATES"	
3 <sup>RD</sup> ELECTION DISTRICT HOWARD COUNTY, MD	
SCALE 1"=100'	JUNE 2, 1989

B 1 7890 SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

HO-88-0251

fill in this form completely

Date Received (APA) 100588  
OWNER INFORMATION  
FORSYTH ENC  
305 W. WALKER ST  
BURNWOOD  
70 State 72 Zip 76

DRILLER INFORMATION  
Joseph H. Mayne  
77 License No. 80  
Firm Name: Joseph H. Mayne Well Drilling  
Address: 5512 Ridge Rd. H. Park 21771  
Signature: Joseph H. Mayne Date: 11/11/88

WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

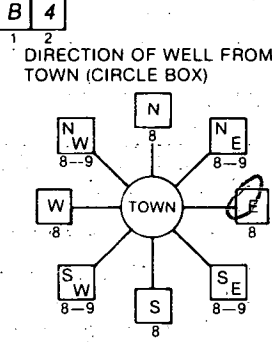
METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
CABLE REVERSE-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
D THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER GAP  
FORCE INITIALS IN BOX PERMIT NO. HO-88-0251

SPECIAL CONDITIONS

LOCATION OF WELL  
TOWARD  
8 COUNTY  
ROSS COMMONWEALTH ESTATES  
23 SUBDIVISION  
SECTION 44 46 LOT 20 48 50  
CHENWOOD  
52 NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) 2 MI

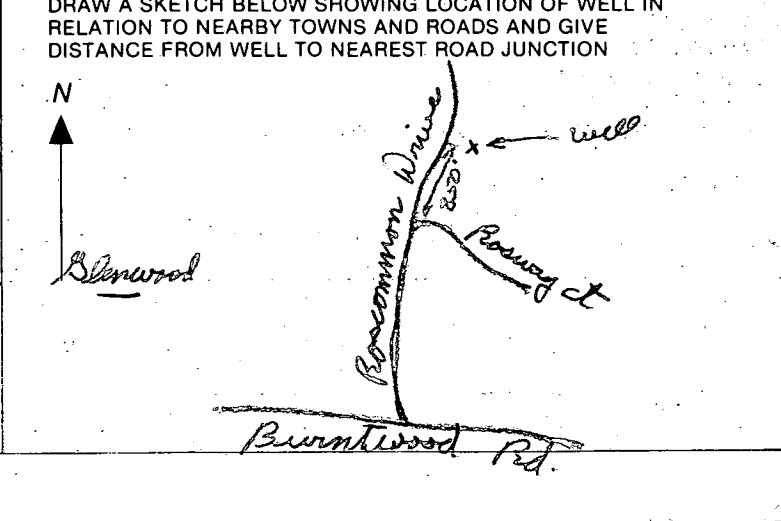


ROSSCOMMON DRIVE  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST  
EAST  
SOUTH  
34 400 37 DISTANCE FROM ROAD  
ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
HOWARD COUNTY NAME A# 40596 COUNTY NO.  
STATE SIGNATURE DATE ISSUED 10/18/88  
CO SIGNATURE Chris Williams EXP. DATE 4/18/89  
NORTH GRID 528000 EAST GRID 0801000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. WELL  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 800  
N 520

11/9/88 10:30  
\* WELL  
OK SEE OTHER SIDE



11/19/88 1030AM

- ① 61 FT casing
- ② 45 FT open hole
- ③ 11 Bags
- ④ LOCATION LOOKS OK
- ⑤ WELL OK

B. Hodges

Well Grout already started got information  
from Johnny

C1 0567 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

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

COUNTY NUMBER A=40596

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

DATE RECEIVED DATE WELL COMPLETED 110988

Depth of Well 145 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-88-0251

OWNER S.F. CONTRACTORS INC. STREET OR RFD ROSS COMMON DR. TOWN GLENWOOD SUBDIVISION ROSS COMMON EST. SECTION LOT 20

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND STONE 0-54, GRAY MICH ROCK 54-145.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 11 NO. OF POUNDS 1000 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 45 ft.

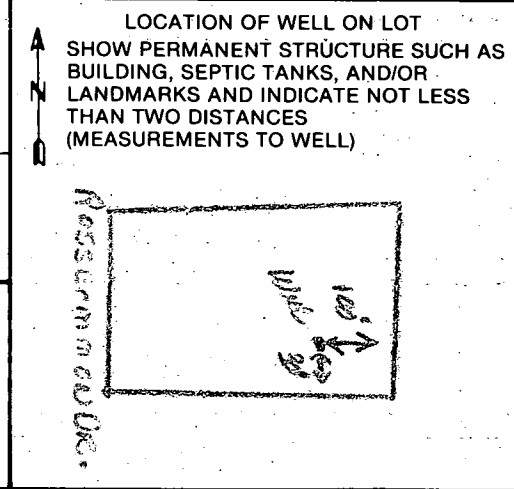
CASING RECORD MAIN CASING TYPE (S) Nominal diameter (6) Total depth (61) OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole (H) (O) (S) (B) (P) (L) (O) (T) DEPTH (nearest ft.) 145

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 46 WHEN PUMPING 54 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 EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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)



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 10.17.13 "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.

DRILLERS IDENT. NO. 934 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

-----

New Installation  Replacement

Receipt # 45612  
 Date 02/27/90

Name of Installer CLARKE P&H Telephone 489-4029

License Number \_\_\_\_\_  
 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber 3808

Name of Property Owner S. F. Contractor Telephone 442-1133  
 Subdivision Roscommon Lot # 20 Well Tag # HO-88-0251  
 Site Address 3223 Roscommon

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Pump

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible
- Make Grundfos
- Model # \_\_\_\_\_
- Capacity \_\_\_\_\_ GPM
- Pump exceeds well capacity Yes \_\_\_\_\_ No \_\_\_\_\_
- If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards \_\_\_\_\_ Other \_\_\_\_\_

Motor

- Horsepower \_\_\_\_\_
- RPM \_\_\_\_\_
- Voltage \_\_\_\_\_
  - 110 \_\_\_\_\_
  - 220

Pitless Adapter

- Make \_\_\_\_\_
- Model # PT-800
- Depth \_\_\_\_\_

Tank

- Capacity 66gal
- Pressure relief valve? 75lb

P.A. OK 4 1/2" B.G.  
MR 3/19/90

Piping

- Type Plastic
- Size 1"
- NSF and/or BOCA Code approved \_\_\_\_\_
- Depth of supply line 42"

Well data

- Depth \_\_\_\_\_ ft.
- Yield \_\_\_\_\_ GPM
- Static water level \_\_\_\_\_ ft.
- Will water supply be disinfected by installer? NO

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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: Kenneth C. Clarke  
 Date: 2-27-90

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