

8/11/97  
1000.

# PERMIT 04-341929

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 58497

A 46162

DISTRICT 4th

DATE 06/04/97

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED 8-1-97

INSPECTOR *[Signature]*

Ken E. Snow/J & N Builders IS PERMITTED TO INSTALL X ALTER

ADDRESS 4401 Gregg Road, Brookeville, Maryland 20833 PHONE 301-305-3441

SUBDIVISION Reilly Property LOT 4 ROAD 4090 Roxbury Mill Road

PROPERTY OWNER Mike & Rita Schaffer

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below 2 feet of stone below distribution pipe.

LOCATION - Starting from the right front lot corner, start the first trench 320 feet down the right lot line and 145 feet off the same lot line. Run trenches on contour to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 5/21/97 DLS*

PLANS APPROVED BY Mark Rifkin/C. Williams DATE 05/23/97

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

**BLDG. PERMIT SIGNED**  
**AND RETURNED 12-23-97**  
*Serial # B1109240*

*[Signature]*

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

A  
46162



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Roxbury Mills Rd

SEPTIC TANK LEVEL OK - 1000 GAL CLEANOUTS 1 W/IN, 1 ON TRNK  
 DISTRIBUTION BOX LEVEL OK, BASELS IN  
 DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 90/90 FT. = 180  
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 8-11-97 OK TO COVER ALL WORK

DATE SYSTEM APPROVED 8-11-97 INSPECTOR [Signature]

8-2-90  
10:00 am

# APPLICATION

PERCOLATION TESTING

A 46162

P \_\_\_\_\_

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

DISTRICT 4th

DATE July 18, 1990  
May 30, 1990

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 Dr. John G. Reilly MIKE & RITA Schaffer  
10301 Georgia Ave., Suite 307  
ADDRESS Silver Spring, Maryland 20902 PHONE (301) 593-4200

PROSPECTIVE BUYER Unknown  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION Reilly Property LOT NO 4  
4090  
ROAD AND DESCRIPTION Roxbury Mill Road

TAX MAP 21 PARCEL # 196  
SIZE OF LOT 3.00 acres TYPE BLDG \_\_\_\_\_  
#100 PERMIT SIGNED  
AND RETURNED 5-23-90  
Serial # B-1105013  
S.F.D. B.B.M.  
(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.  
J. Chm. Dold (AGENT)  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 8/2/90 PERCS OK, HOLD FOR PLAT MR

HD-216

# THIS IS NOT A PERMIT

A 46162

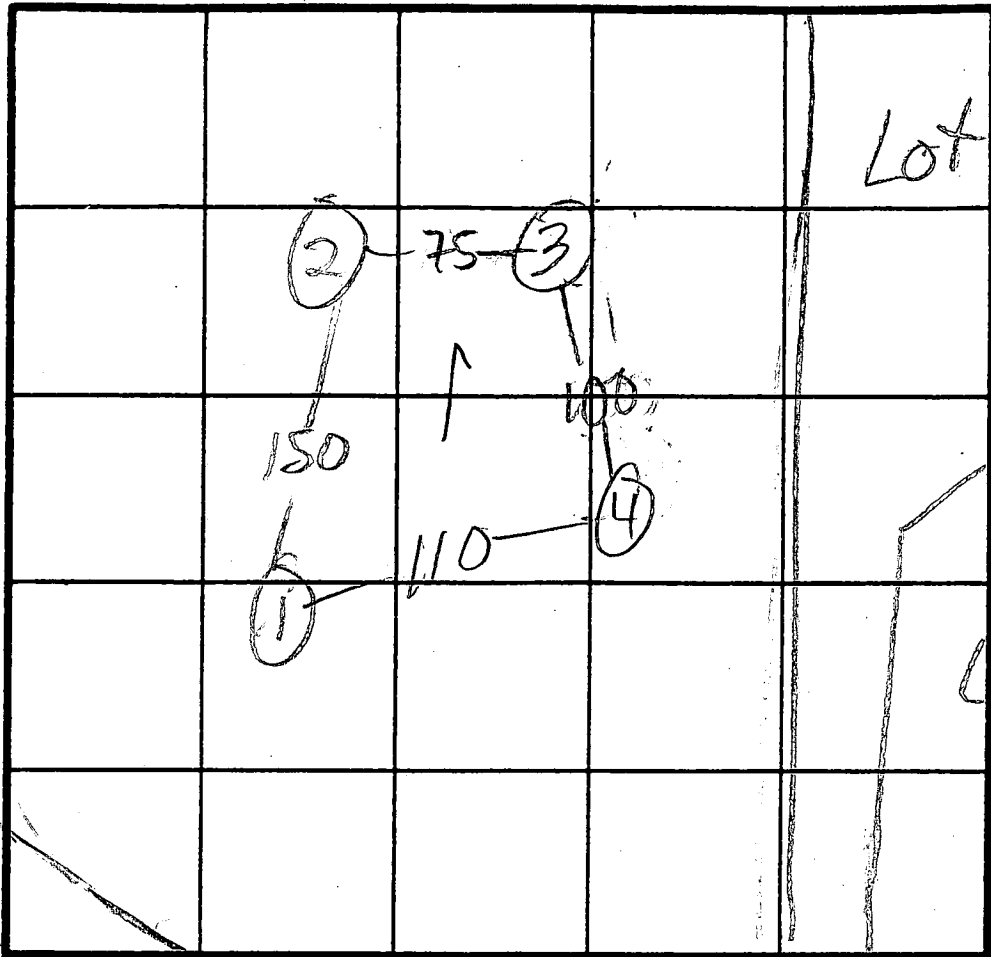
Lot 4

SOIL PROFILE

tan sandy clay loam  
 1 ft. tan sandy silt loam  
 15% Saprolite frags

1/2 - 2'

1 1/2'



Lot 3

$\bar{x} = 3$   
 180 # BR  
 Inlet 4'  
 Bottom 6'

Lot 2

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE  
 ROXBURY HILL RD

→ TO Rt. 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/2/90	1 S	5 1/2	11:06	11:07	11:07	11:11	4	
11	1 V	11 1/2	see profile					
	2 S	4	11:15	11:16	11:16	11:18	2	
	2 V	10 1/2	sim to ① more org. 20% frags					
	3 S	3 1/2	11:23	11:24	11:24	11:26	2	
	3 V	12	sim to ① 15% frags					
	4 V	11	sim to ① 15% frags					

REMARKS HOLES PER PLAT, IN WOODS, NO CORNER STAKES

TYPE OF SOIL

1 #4 high

TESTED BY

M. Rifkin

ALSO PRESENT

Rocky, Ricky

B 1 **5393**

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

**HO-94-0227**  
fill in this form completely

Date Received (APA)

**092394**

OWNER INFORMATION

**REILLY GARRETT J.**  
Last Name Owner First Name  
**14504 MAJOR PARK DR.**  
Street or RFD  
**ROCKVILLE MD 20853**  
Town State Zip

B 3

LOCATION OF WELL

**HOWARD**  
COUNTY  
**REILLY PROPERTY**  
SUBDIVISION  
SECTION **4** LOT **4**  
**GLENWOOD**  
NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **2** MI

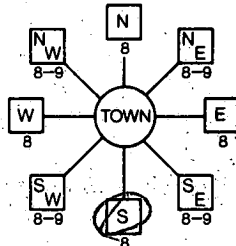
DRILLER INFORMATION

MSD/MGD/MWD

**Joseph H. Mayne**  
Driller's Name  
**Joseph H. Mayne Well Drilling**  
Firm Name  
**5512 Ridge Rd. Mt. Airy, Md. 21771**  
Address  
**Joseph H. Mayne**  
Signature  
**9/21/94**  
Date  
**24**  
License No.

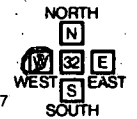
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



**Roxbury Mill Road**  
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD **200**

ENTER FT OR MI **FT**

TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

B 2

WELL INFORMATION

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**HOWARD** COUNTY NAME  
**A 46162** COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S  
DATE ISSUED **101494**  
**Charles Bryan Threat** CO SIGNATURE  
**10/14/95** EXP. DATE  
NORTH GRID **519000** EAST GRID **0785000**

APPROXIMATE DEPTH OF WELL **260** 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  
other \_\_\_\_\_

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
  - THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
  - THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
  - THIS WELL WILL DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. **WELL**

2.

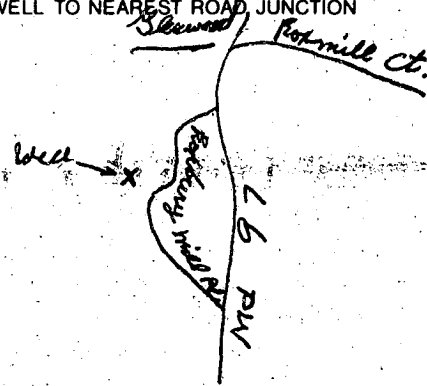
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

**780 5**  
**510 2**

**10/31/94** 9:30  
**Gray Well**  
**20' Bags of cement**  
**85' casing**  
**65' gravel-goes**  
**2' casing above ground**  
**(V on top) starts**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (OEP USE ONLY)

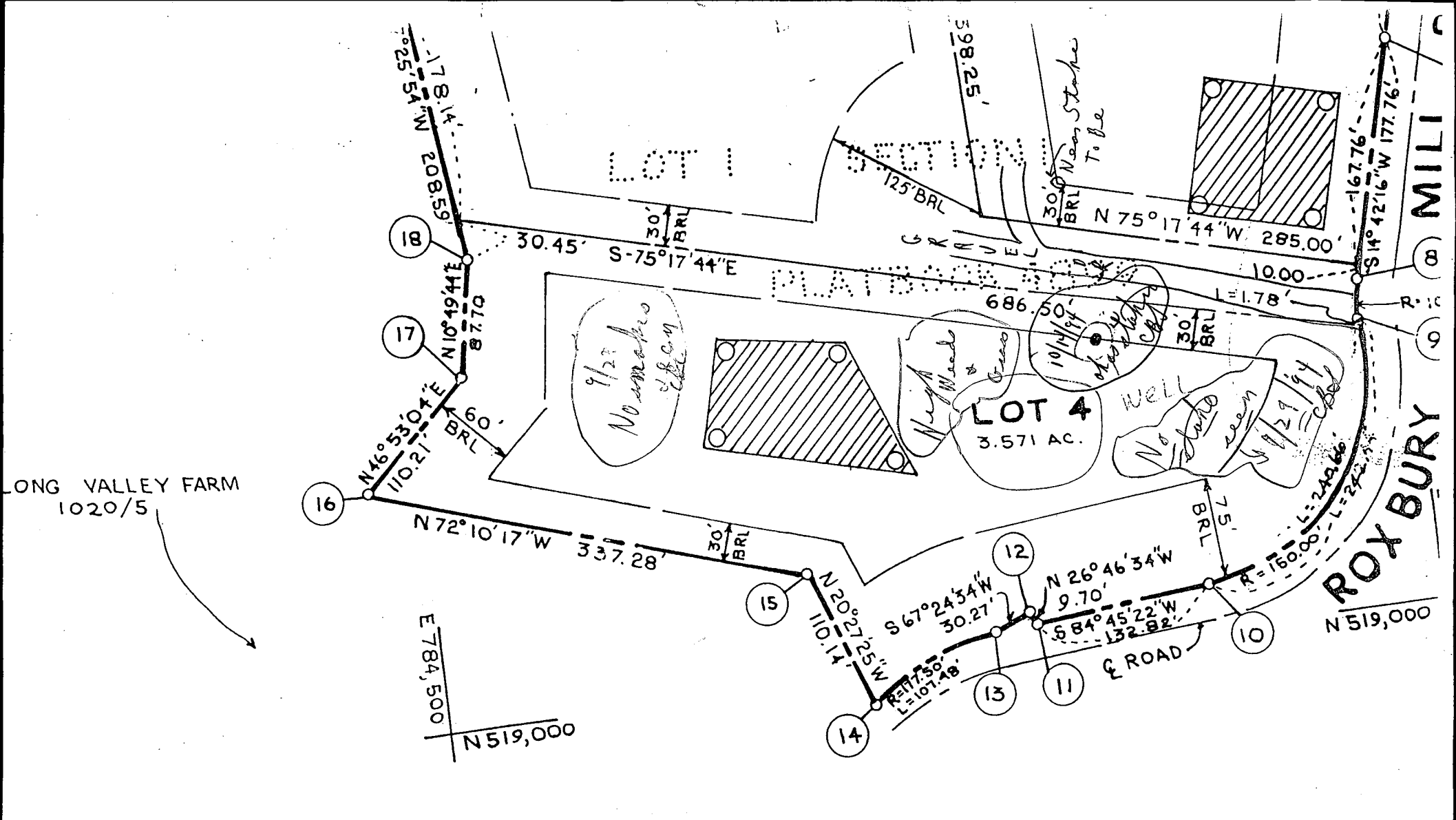
APPROX. PERMIT NUMBER **GAP**

FORCE  WRITE INITIALS IN BOX PERMIT No. **HO-94-0227**

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =





LONG VALLEY FARM  
 1020/5

TIONS  
 BE RECORDED: 3  
 E RECORDED: 11.239 AC.  
 TO BE RECORDED  
 0.052 AC.  
 E TO BE RECORDED: NONE  
 IN TO BE RECORDED: NONE  
 N TO BE RECORDED: 11.291 AC.

Lot 4 Reilly Prop.

OWNER'S STATEMENT

SU  
 I HERET  
 HEREON

WPI  
11/5/97  
AAA  
11/7/97  
AMM.

TWO PIECE CAP OK  
CONDUIT OK  
TO BE EXTERIOR TO BE CASED TO COVER UP  
GROUND WIRE  
CASING OK  
TO COVER UP

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
410-993-313-2640

11/5/97  
Ho-94-0227  
P.A. 5.0' below grade  
casing 11.5' above grade  
needs 2 piece  
conduit pipe needs to be PVC EMT  
line sleeved

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement X  
Name of Installer Thomas Edcort Jr / Fiverville P/ly Inc Telephone 301 621 4009  
License Number State 2008P  
Receipt # 10/27/97  
Date  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber State 2008P  
Name of Property Owner Mike & Rita Schaffer Telephone \_\_\_\_\_  
Subdivision Reilly Property Lot # 4 Well Tag # \_\_\_\_\_  
Site Address 4090 Roxbury Mill Roxbury Md 20833

Pump  
1. Type  
a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible X  
2. Make Gould  
3. Model # \_\_\_\_\_  
4. Capacity 8 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 \_\_\_\_\_

Motor  
1. Horsepower 1/2  
2. RPM \_\_\_\_\_  
3. Voltage \_\_\_\_\_  
a. 110 \_\_\_\_\_  
b. 220 X

Pitless Adapter  
1. Make Cambell  
2. Model # 300X  
3. Depth 48"

Tank  
1. Capacity 82 Gallon  
2. Pressure relief valve? X yes

Piping  
1. Type 1" Black P/ly  
2. Size 1"  
3. NSF and/or BOCA Code approved X  
4. Depth of supply line 48"

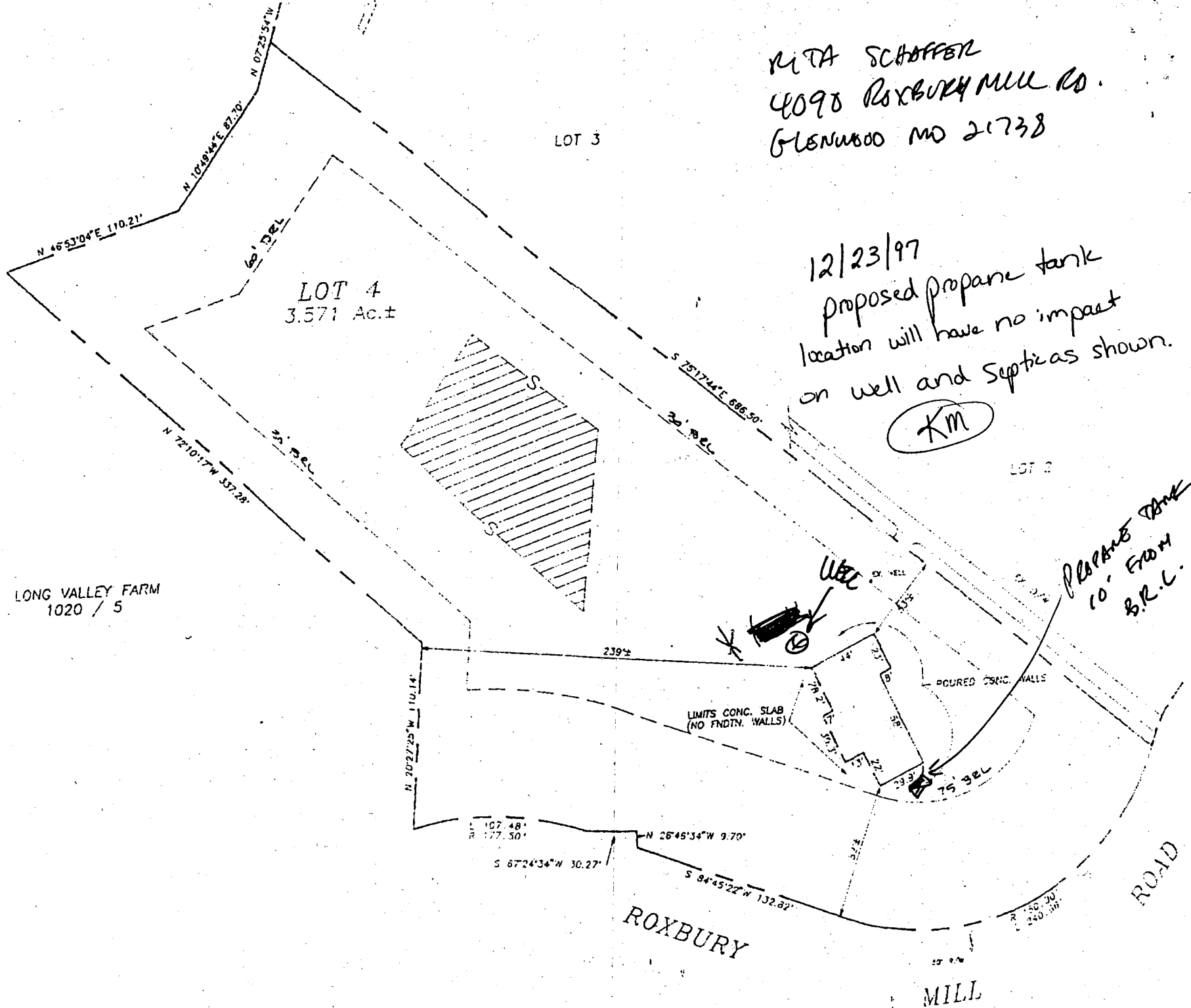
Well data  
1. Depth 200 ft.  
2. Yield 8 GPM  
3. Static water level 50 ft.  
4. Will water supply be disinfected by installer? Builder

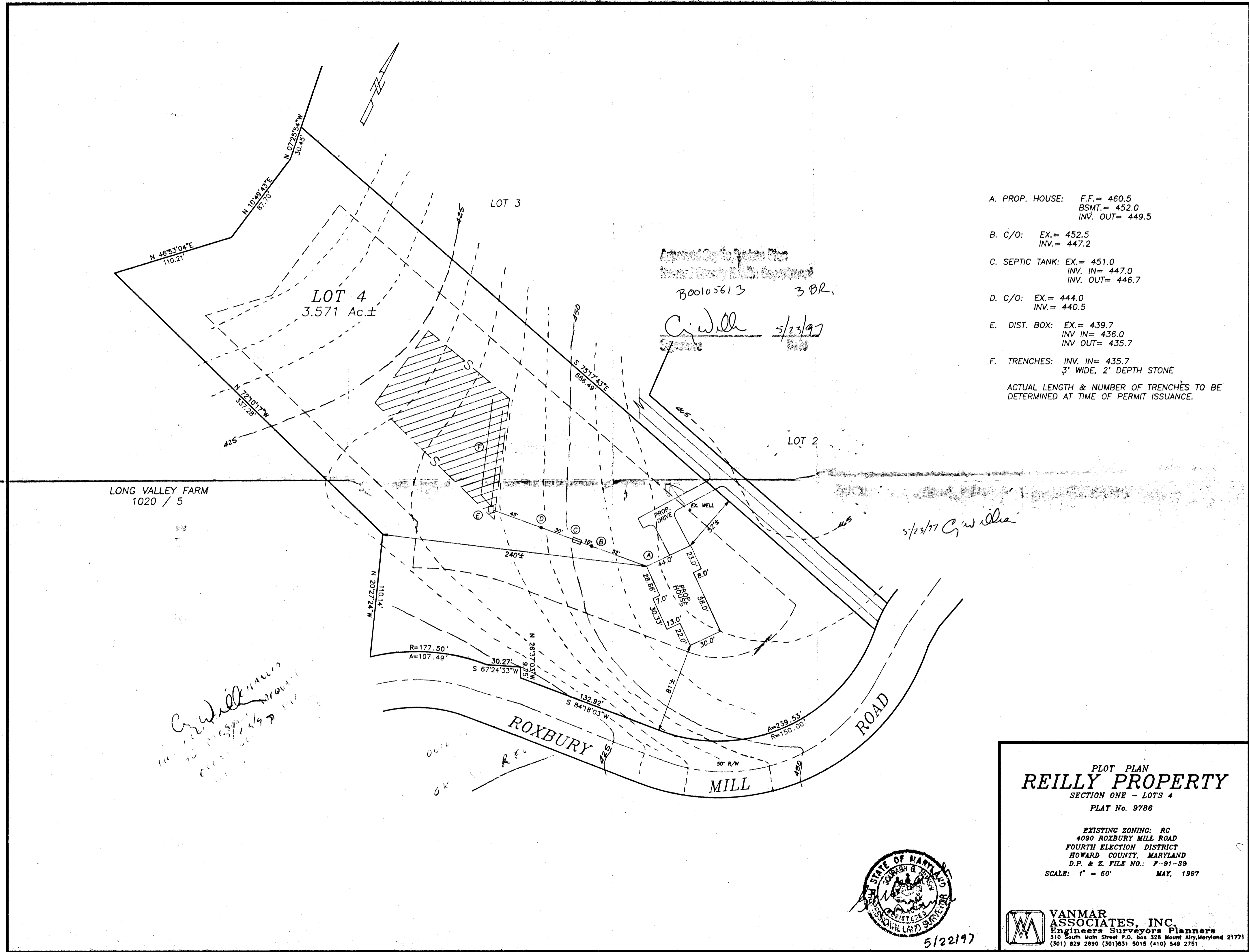
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.  
Signature of Applicant: Thomas Edcort Jr  
Date: 10/27/97

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







- A. PROP. HOUSE: F.F. = 460.5  
BSMT. = 452.0  
INV. OUT = 449.5
  - B. C/O: EX. = 452.5  
INV. = 447.2
  - C. SEPTIC TANK: EX. = 451.0  
INV. IN = 447.0  
INV. OUT = 446.7
  - D. C/O: EX. = 444.0  
INV. = 440.5
  - E. DIST. BOX: EX. = 439.7  
INV. IN = 436.0  
INV. OUT = 435.7
  - F. TRENCHES: INV. IN = 435.7  
3' WIDE, 2' DEPTH STONE
- ACTUAL LENGTH & NUMBER OF TRENCHES TO BE DETERMINED AT TIME OF PERMIT ISSUANCE.

PLOT PLAN  
**REILLY PROPERTY**  
SECTION ONE - LOTS 4  
PLAT No. 9786

EXISTING ZONING: RC  
4090 ROXBURY MILL ROAD  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
D.P. & Z. FILE NO.: F-91-39  
SCALE: 1" = 50'      MAY, 1997

**VANMAR ASSOCIATES, INC.**  
Engineers Surveyors Planners  
310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771  
(301) 829 2890 (301) 831 5015 (410) 549 2751

