

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~313-2640~~ 313-2640

INDEXED

DATE SYSTEM APPROVED 4/6/94

INSPECTOR C.B.

A 49320

DISTRICT 3rd

DATE 1/26/95

Jack Fyock Septic Service

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Goldbach Property LOT 1 ROAD 11791 Triadelphia Road E.C., MD

PROPERTY OWNER Sean K. Carney / MATT HARVILL 21042

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

\*\*\*\* EXISTING WELL AND SEPTIC SYSTEM TO BE  
ABANDONED TO SATISFACTION OF HEALTH  
DEPARTMENT PRIOR TO FINAL APPROVAL OF  
SEPTIC INSTALLATION.\*\*\*

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 170 feet from the front lot line and 10 feet from the left lot line. Run trenches along contour toward right side of property.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 9/7/93

**BUILDING PERMIT SIGNED**

**AND RETURNED** 10-8-02

B00138635-2 STORY ADDITION

PLANS APPROVED BY C. Williams DATE 8/16/93

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 49320



11791 TRIADELPHIA RD.  
3RD ELECTION DISTRICT  
LIBER 238 FOLIO 254  
HOWARD COUNTY, MD

S 56° 30' W 96.24'

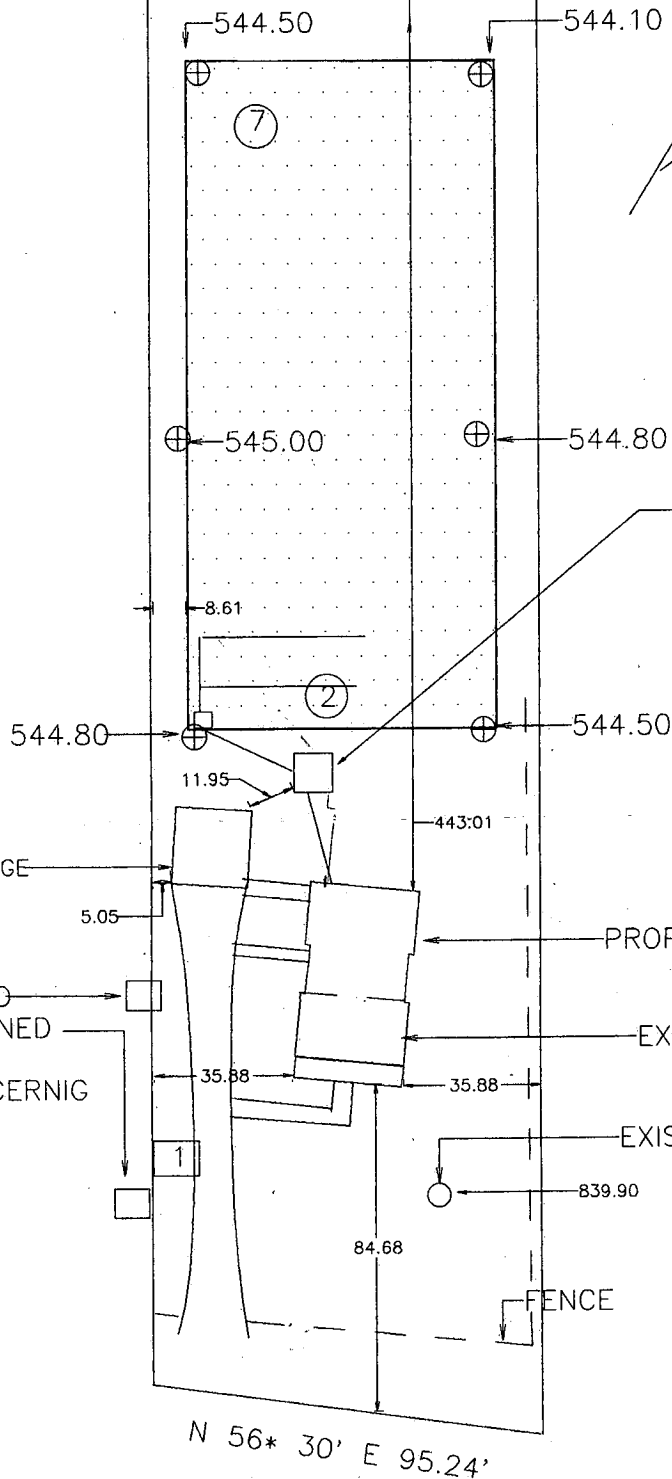
N 49° 1/4' W 579.48'

LOT 1

58,999 SQ/FT

N 41° 45' W 580'

ELEVATIONS OK  
8/16/93 (CW)



EXISTING ELEVATION AT TRENCH: 544.90  
INVERT ELEVATION INTO TRENCH: 541.70  
EXISTING ELEVATION AT DIST. BOX: 544.80  
INVERT ELEVATION INTO DIST. BOX: 542.20  
EXISTING ELEVATION AT TANK: 544.60  
INVERT ELEVATION INTO TANK: 542.90  
INVERT ELEVATION OUT OF TANK: 542.60  
ELEVATION AT HOUSE: 543.50  
INVERT ELEVATION OUT OF HOUSE: 541.17  
FF ELEVATION: 544.17  
BE ELEVATION: 540.17

EXISTING GARAGE

EXISTING SEPTIC TANK AND  
DRY WELL TO BE ABANDONED

SEE CRAIG WILLIAMS CONCERNING  
NEW SYSTEM

PROPOSED ADDITION

EXISTING HOUSE

EXISTING WELL

FENCE

SCALE: 1" = 100'  
50'

TRIADELPHIA ROAD

6/14/93  
10:10

# APPLICATION

PERCOLATION TESTING

A 49320

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

PROVIDE OK  
EXISTING HOUSE  
125 AGAIN FEE

DISTRICT \_\_\_\_\_

DATE 4/7/93

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

PROPOSAL IS TO ESTABLISH  
INCREASED SEPTIC AREA FOR  
OCCUPIED LOT VIA EASEMENT ONTO VACANT LOT,

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

PROPERTY OWNER Sean K. Carney

ADDRESS 2808 Brian Ct, Ellicott City, MD 21043 PHONE 313-8144

AGENT OR PROSPECTIVE BUYER Same as above

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

PROPERTY LOCATION: 11791 Triadelphia Rd

SUBDIVISION \_\_\_\_\_ LOT NO. 1

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 16 PARCEL # 39 (6A1020)

SIZE OF LOT 2 Acres TYPE BLDG. \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 8/16/93  
SFJ Permit # 49979  
SFD

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 HOLD FOR PLAT, PERC OK MR 6/16/93

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

COUNTY #

## SOIL PROFILE

0' 1 3 4

hard org clay  
+ chlm  
w/ gray  
perched H<sub>2</sub>O  
→ patches

6-7

red org  
dam  
silly  
sa lm  
10% frogs

12½-13

2567-

bgf ged  
sa c/lm

 $4\frac{1}{2} - 5\frac{1}{2}$ 

tan  
brn 059  
beige

Sa lm

5-15%  
4 rags

17-13

⑧

019  
sac | m

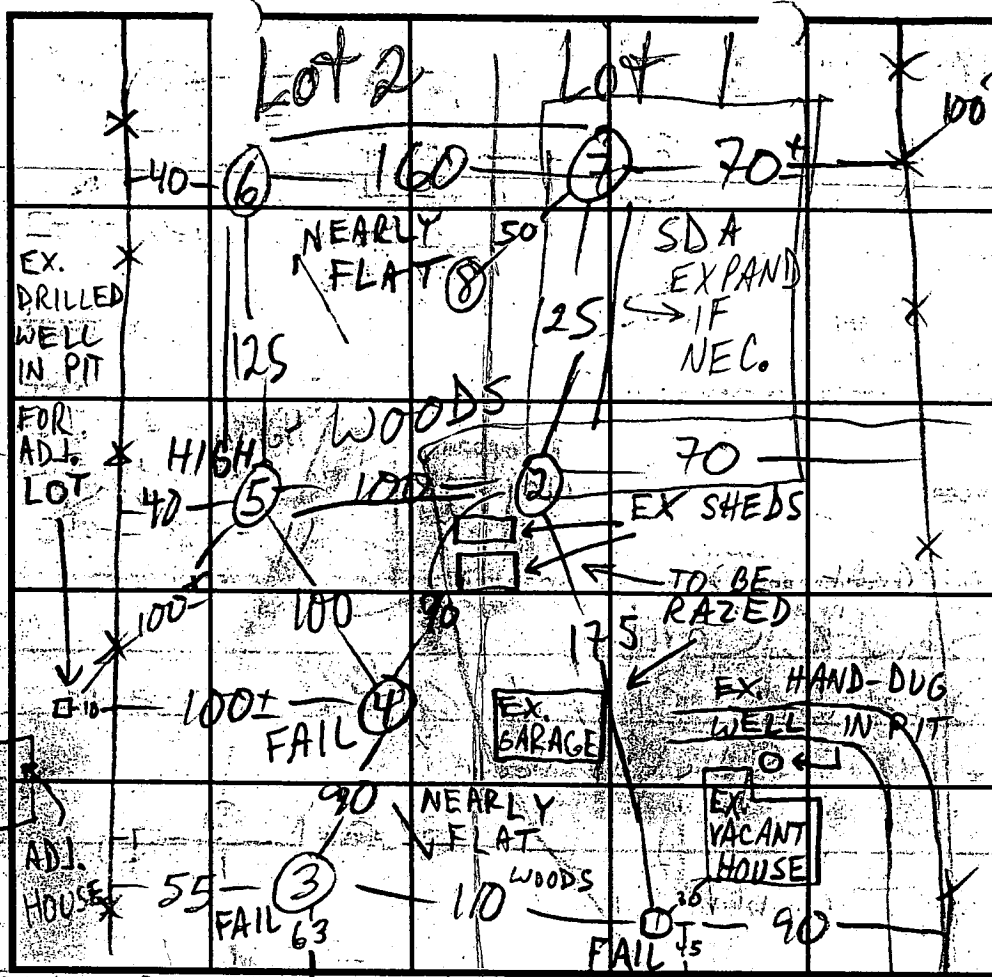
23

tan  
sand

Salmon

5% frags

13



ADJ. WELL  
SOIL PROFILE

TRIA. RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
shoulder shoulder

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/14/93	1 S	6'9"	11:11	11:26	LITTLE	NO PERC	C
	1 V	12 $\frac{1}{2}$	see	profile		FAIL	
	2 S	5 6'4"	1:34 1:53	1:49 1:56	NO PERC	RED 16 2:01	5
	2 V	13	see	profile			
	5 S	5	11:42	11:51	11:51	12:14	23
	5 V	13	see	profile		FAIL	
	3 V	13	see	profile	CLAY	FAIL	
	4 V	13	see	profile	CLAY	FAIL	
	6 S	6 $\frac{1}{2}$	2:18	2:21	2:21	2:25	4
	6 V	13	see	profile			

REMARKS 7 S 5 2:53 13:02 3:14 A LITTLE SLOW  
5:19 3:06 3:16 3:25 19

TYPE OF SOIL 7 V 12 HARD BOT

TESTED BY 8V 13 see profile ALSO PRESENT Sean C. Jack N. Hoe

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 113 12/27 TRENCH WIDTH 2

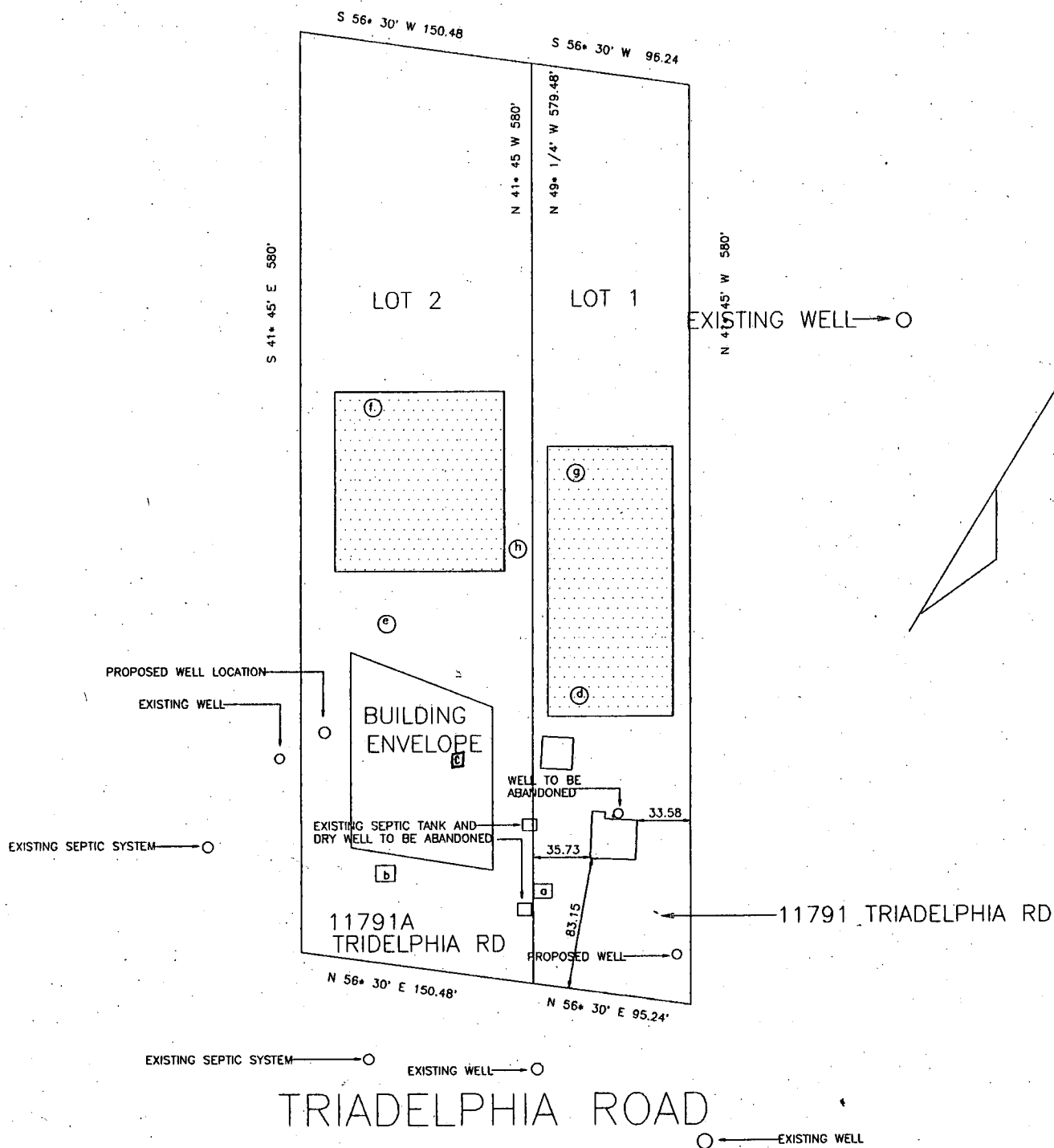
INLET DEPTH 5 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 210

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE  
SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

PROPERTY KNOWN AS: 11791 Tridelphia Road  
3rd Election District  
Liber 238 Folio 254  
Howard County, Maryland

*Joseph M. Buhl* 7-14-93  
HOWARD COUNTY HEALTH OFFICER DATE

*Goldbach Property*



Scale = 1" = 100'

This area designates a private sewerage easement of at least 10,000 square feet as required by the Maryland Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewerage easements. Recordation of a modified sewerage easements shall not be necessary.

- All percolation test holes that have passed are shown hereon have been field located and thus shown ( ○ )
- All percolation test holes that have failed are shown hereon have been field located and thus shown ( □ )

I hereby certify that all information contained herein is accurate to the best of my knowledge. All wells and private septic systems that are located within 100 feet of the property line are shown.

*Sean K. O'Connell*  
Sean K. O'Connell (410-313-8144) DATE

7-12-93

C1 0455 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 A49320 PERMIT NO. 40-92-0404

OWNER last name first name STREET OR RFD TOWN SUBDIVISION SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

SCREEN RECORD screen type or open hole insert appropriate code below DEPTH (nearest ft.)

CIRCLE APPROPRIATE LETTER A 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.

DRILLERS IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

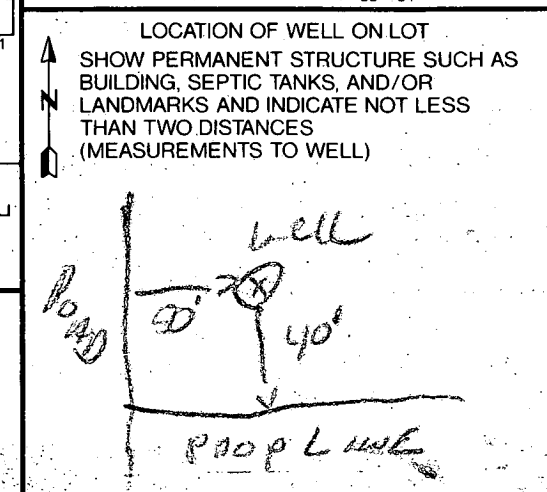
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or 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)



B 1 01147

SEQUENCE NO.  
(DP USE ONLY)STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER

H0-92-0404

fill in this form completely

Date Received (APA)

062493

## OWNER INFORMATION

CARMICHAEL SEAN

Last Name First Name

2808 BRIAR CT

ELLICOTT CITY MD 21040

Town State Zip

## DRILLER INFORMATION

Ralph MAYNE

Ralph MAYNE Well Drilling

Firm Name

9120 Brown Church Rd. Mt. Airy

Address

Ralph Mayne 6/20/93

Signature Date

## 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)

APPROXIMATE DEPTH OF WELL

150

FEET

APPROXIMATE DIAMETER OF WELL

6"

NEAREST INCH

## METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted &amp; 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
- ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED  
(IF AVAILABLE)

41

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

APPROX. PERMIT NUMBER

GAP

FORCE

WRITE INITIALS IN BOX

PERMIT NO.

H0-92-0404

SPECIAL CONDITIONS 10-313-8144

## LOCATION OF WELL

4040

8 COUNTY

21

23 SUBDIVISION

SECTION

LOT

MAYFIELD

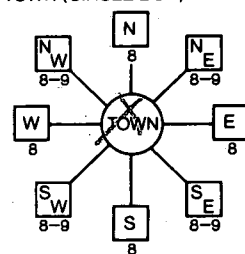
52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town)

73 76 77 78

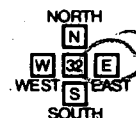
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



TRIDELPHIA Rd.

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD  
(CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD

ENTER FT or MI

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL

Howard

COUNTY NAME

A49320

COUNTY NO.

STATE SIGNATURE

DATE ISSUED

07/19/93

CO SIGNATURE

NORTH GRID

531000

EAST GRID

0822000

EXP. DATE

7/14/94

SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. well

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

8202

52031

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

mo. 144

45' well

237055

N

000

000



