

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48759

A 42618

DISTRICT 4th

DATE 12/13/92

DATE SYSTEM APPROVED 9/9/93

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

352380

Paul Schissler/South Carroll Backhoe IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Warfield's Grant LOT 14 ROAD 16001 Pheasant Ridge Court

PROPERTY OWNER DVL, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 120 feet from the front lot line and 150 feet from the right lot line as seen when facing the property from Pheasant Ridge Court. Run trenches along contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 12/19/92

PLANS APPROVED BY C. Williams DATE 6/14/90

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

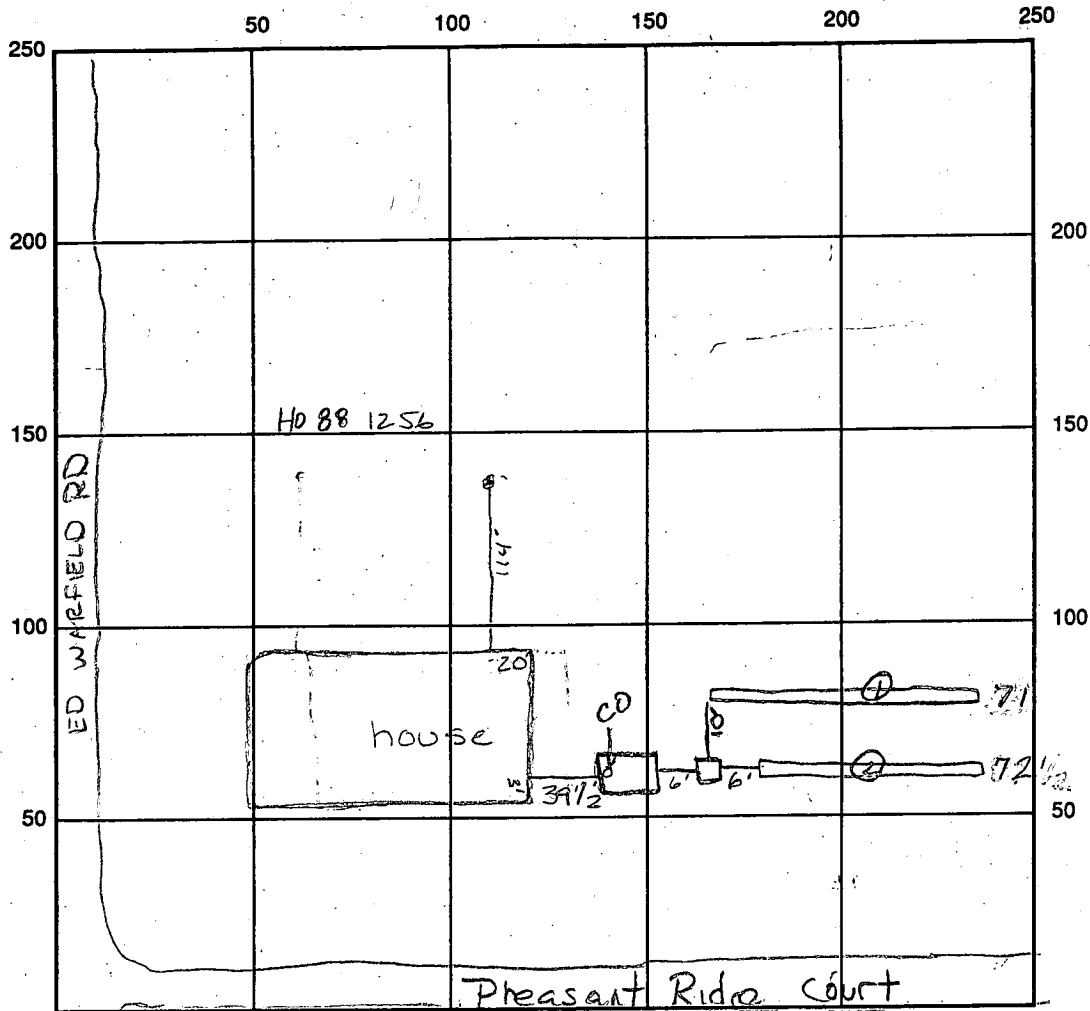
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A  
48618

9/3/93  
11:00 AM  
12:00 P.M.  
9/7/93 morning



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1500 gallons CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (buffer is in)

DRAIN FIELD/TITLE DEPTH 8± FT. TRENCH WIDTH 2 FT. INLET DEPTH 3± FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 272 <sup>072</sup> 143 FT. plus 3' of absorption area between boxes

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 715 SQ. FT. trench

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

ABSORBENT AREA 715 SQ. FT.

REMARKS: 9/3/93 Tank set ALM 2' 30pm OK to fill trenches w/ gravel - lay pipe - leave uncovered  
9/7/93 Final - OK to cover ALM

DATE SYSTEM APPROVED 9/7/93 INSPECTOR Arny McMillan

# APPLICATION

PERCOLATION TESTING

A 42618

P \_\_\_\_\_

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

DISTRICT 4<sup>TH</sup>

8-05-88ATE \_\_\_\_\_

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 Mr. Robert M. Warfield DVL, Inc

ADDRESS 2425 Daisy Road, Woodbine, Md. 21797 PHONE \_\_\_\_\_

PROSPECTIVE BUYER Carman Associates

ADDRESS P.O. Box 122, Ellicott City, Md. PHONE 854-6797 854-7166

PROPERTY LOCATION:

SUBDIVISION Warfields Grant LOT NO. 14

ROAD AND DESCRIPTION West Side Daisy Road (16001 Pheasant Ridge Court)

TAX MAP 13 PARCEL # 128

SIZE OF LOT 3 acres TYPE BLDG. SFD  
(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.

Philip R. Mangley  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 10-26-88 Perc Satisfactory. Hold for Per. Sub

BLDG PERMIT SIGNED  
AND RETURNED 12/4/92  
Serial # 46274-SFD 4BRS

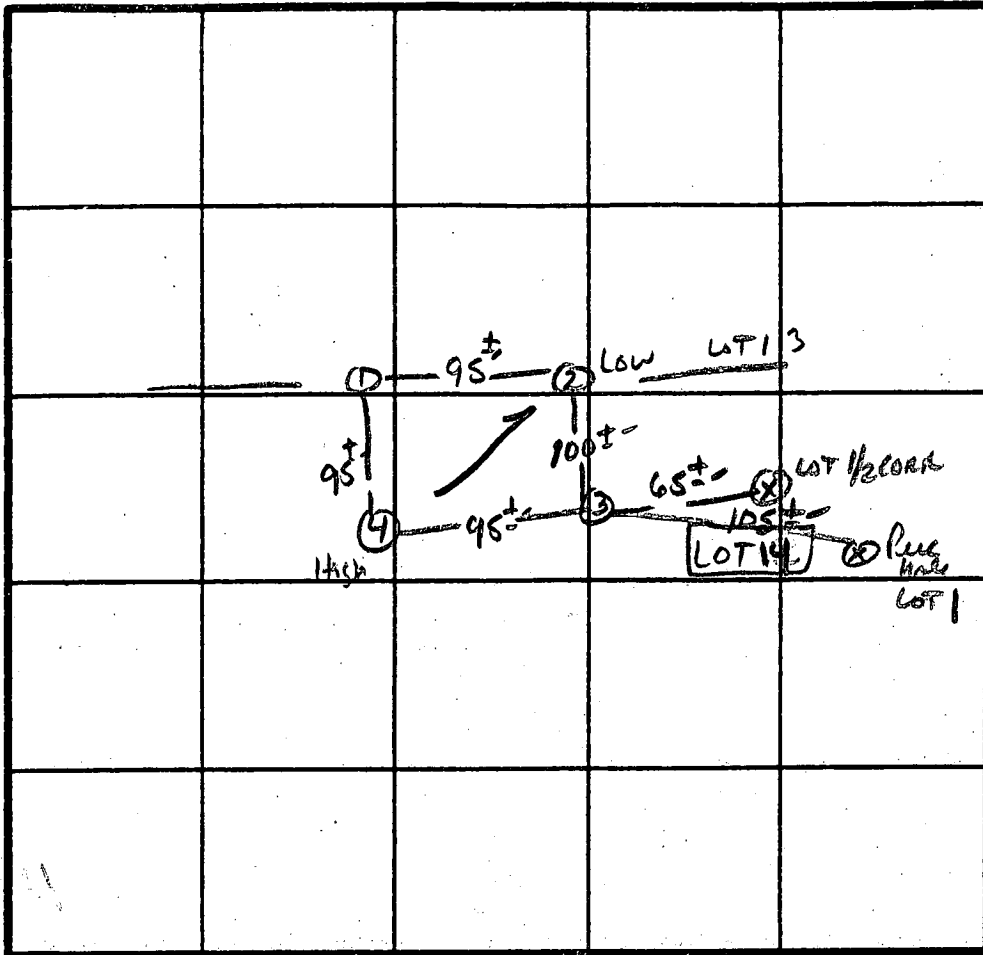
HD-216

# THIS IS NOT A PERMIT

A-42618

SOIL PROFILE

0	AP
6"	Red Br. silty loam (clayey) 10% frag
3"	yellow Br. (light) silty loam 10-20% frag
12"	



X Perc  
3min  
180φ 1BR  
Inlet 3"  
Bottom 7"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
LTD Wainfield Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/20/88	1S	3.5"	1:33	1:35	1:35	1:39	4min
	1M	8.0"	1:30	1:32	1:32	1:35	3min
	1V	12.5"	As Profiled				
	2S	3.5"	1:35	1:36	1:36	1:38	2min
	2V	12"	similar to profile				
	3S	4"	1:44	1:45	1:45	1:47	2min
	3V	12.5"	similar to profile				
	4S	3.5"	1:42	1:44	1:44	1:47	3min
	4V	12.5"	As Profiled				

REMARKS Holes Approx to PLAN-

TYPE OF SOIL Glenelg-Chester

TESTED BY S. Abel

ALSO PRESENT Phil M. Ruby, C. Cross  
Andrews

B 1 5739

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-88-1256

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

please print or type

fill in this form completely

Date Received (APA)

020790

OWNER INFORMATION

CARMAN ASSOCIATES

PO BOX 122

ELLICOTT CITY MD 21043

B 3

LOCATION OF WELL

HOWARD

8 COUNTY

WARFIELD'S GRANT

23 SUBDIVISION

SECTION LOT 14

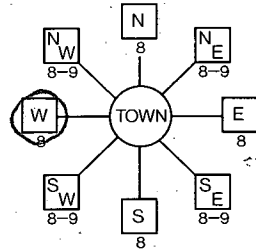
GLENNWOOD

52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 4 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



PHOENIX RIDGE Ct. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 290

ENTER FT or MI FT

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 A42618 COUNTY NO.

STATE SIGNATURE DATE ISSUED 031290 Mark E. Replein 9/12/90

NORTH GRID 532000 EAST GRID 0780000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jettied & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY Drive-POINT

REPLACEMENT OR DEEPENEED WELLS

- 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 DEEPEEN AN EXISTING WELL

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

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

APPROX. PERMIT NUMBER GAP

FORCE MD PERMIT No. HO-88-1256

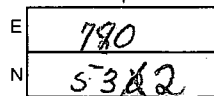
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

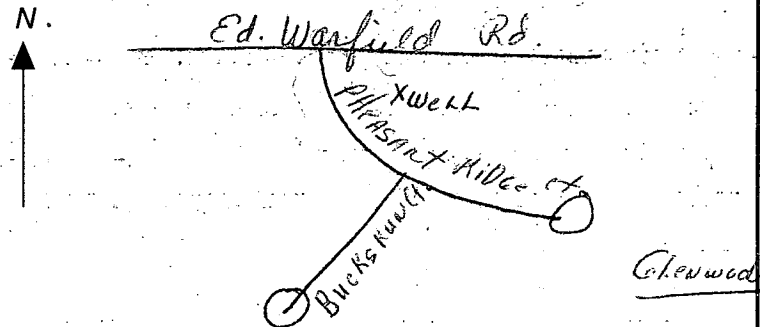
SOURCES OF DRILLING WATER

- 1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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



C1 **1395** SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**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 **A42618**

ST/CO USE ONLY DATE Received [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
 DATE WELL COMPLETED **04/18/90** Depth of Well **345** (TO NEAREST FOOT)  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-88-1256**

OWNER **Parman Assoc**  
 STREET OR RFD last name **Pleasant Ridge** first name  
 TOWN **Glenwood**  
 SUBDIVISION **WARFIELDS GRANT** SECTION LOT **1H**

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Brown Shale	0	87	
Blue Rock	87	345	v

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** (44) **N** (44)  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** (45-46) BENTONITE CLAY **BC** (45-46)  
 NO. OF BAGS **15** NO. OF POUNDS **140**  
 GALLONS OF WATER **90**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **50** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** (STEEL) **CO** (CONCRETE)  
**PL** (PLASTIC) **OT** (OTHER)

**MAIN CASING TYPE**  
 Nominal diameter top (main) casing (nearest inch) **1**  
 Total depth of main casing (nearest foot) **92**

**OTHER CASING (if used)**  
 diameter inch depth (feet) from to

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
**ST** (STEEL) **BR** (BRASS) **HO** (OPEN HOLE)  
**PL** (PLASTIC) **OT** (OTHER)

**C2**

EACH SCREEN	DEPTH (nearest-ft.)	
	1	2
1	<b>HO</b> <b>91</b>	<b>345</b>
2		
3		

SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to

**C3**

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **4 1/2**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **41** WHEN PUMPING **138**  
 TYPE OF PUMP USED (for test)  
**A** air **P** piston **T** turbine  
**C** centrifugal **R** rotary **O** other (describe below)  
**J** jet **S** submersible

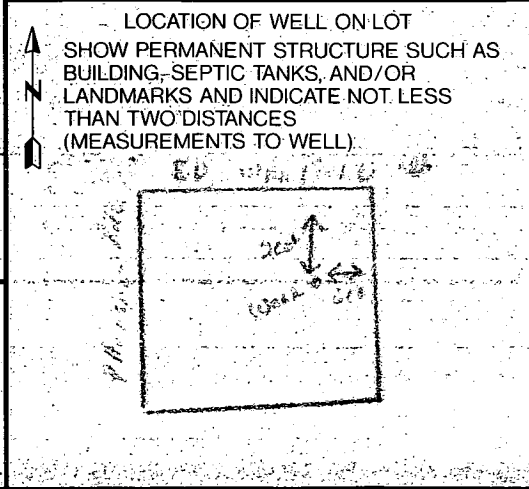
**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES **NO**  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31**  
 PUMP HORSE POWER **37**  
 PUMP COLUMN LENGTH (nearest-ft.) **43**  
 CASING HEIGHT (circle appropriate box and enter casing height):  
 (+) above } LAND SURFACE (nearest foot) **1**  
 (-) below }

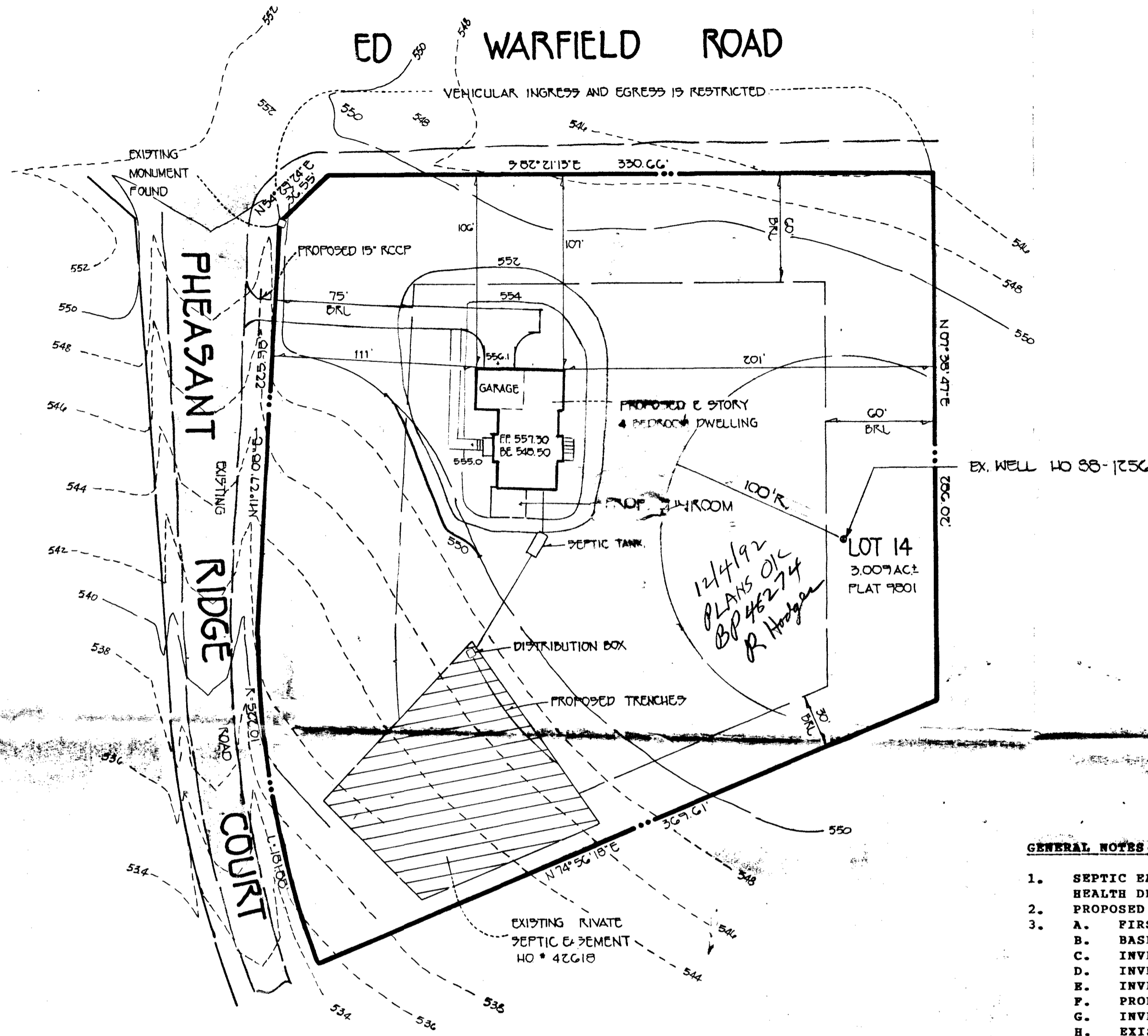
CIRCLE APPROPRIATE LETTER  
**A** A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
**E** ELECTRIC LOG OBTAINED  
**P** TEST WELL CONVERTED TO PRODUCTION WELL

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. **238**  
 DRILLERS SIGNATURE **[Signature]**  
 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  
 70 [ ] 72 [ ] 74 [ ] 75 [ ] 76 [ ]  
 TELESCOPE CASING LOG INDICATOR OTHER DATA





**GENERAL NOTES**

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO. 42618
2. PROPOSED 1,250 GALLON SEPTIC TANK.
3.
  - A. FIRST FLOOR ELEVATION: 557.5
  - B. BASEMENT ELEVATION: 548.5
  - C. INVERT OF SEPTIC SYSTEM AT HOUSE: 546.0
  - D. INVERT IN AT SEPTIC TANK: 545.5
  - E. INVERT OUT AT SEPTIC TANK: 545.7
  - F. PROPOSED GRADE OVER SEPTIC TANK: 550.0
  - G. INVERT AT DISTRIBUTION BOX: 544.0
  - H. EXISTING GROUND OVER DISTRIBUTION BOX: 547.0
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

PLOT PLAN  
 TO ACCOMPANY APPLICATION FOR  
 BUILDING PERMIT  
**WARFIELD'S GRANT**  
 SECTION 1, AREA 1  
 LOT 14



TAX MAP 13 PART OF PARCEL 128  
 4TH ELECTION DIST. HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: OCTOBER 1992

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 7171 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21042  
 TELEPHONE: (410) 461-0333  
 FAX: (410) 750-3764