

7/24/97  
to meet  
installer  
8/11/97  
C.O. PM

Per-ID-04-351959

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58580 A

A 42486

DISTRICT 4th

DATE 7-22-97

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED 8/11/97

INSPECTOR M. Pitkin

INDEXED

Jack Fyock Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS 4105 Ten Oaks Road Glenelg, MD 21737 PHONE (410) 988-9270

SUBDIVISION Country Springs LOT 32 ROAD 15019 Kenwood Court

PROPERTY OWNER Ken Varney

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 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 176.70' and 533.77' lot lines, begin trenches 180 feet down the 553.77' lot line and 150 feet off that same lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. DK 5/29/97 DKS

OK TO START AT COR OF EASEMENT CLOSEST TO HOUSE (MAINTAIN 20')

PLANS APPROVED BY Amy McMillen DATE 05/19/97 HR

COVER NO WORK UNTIL INSPECTED AND APPROVED 7/29/97

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

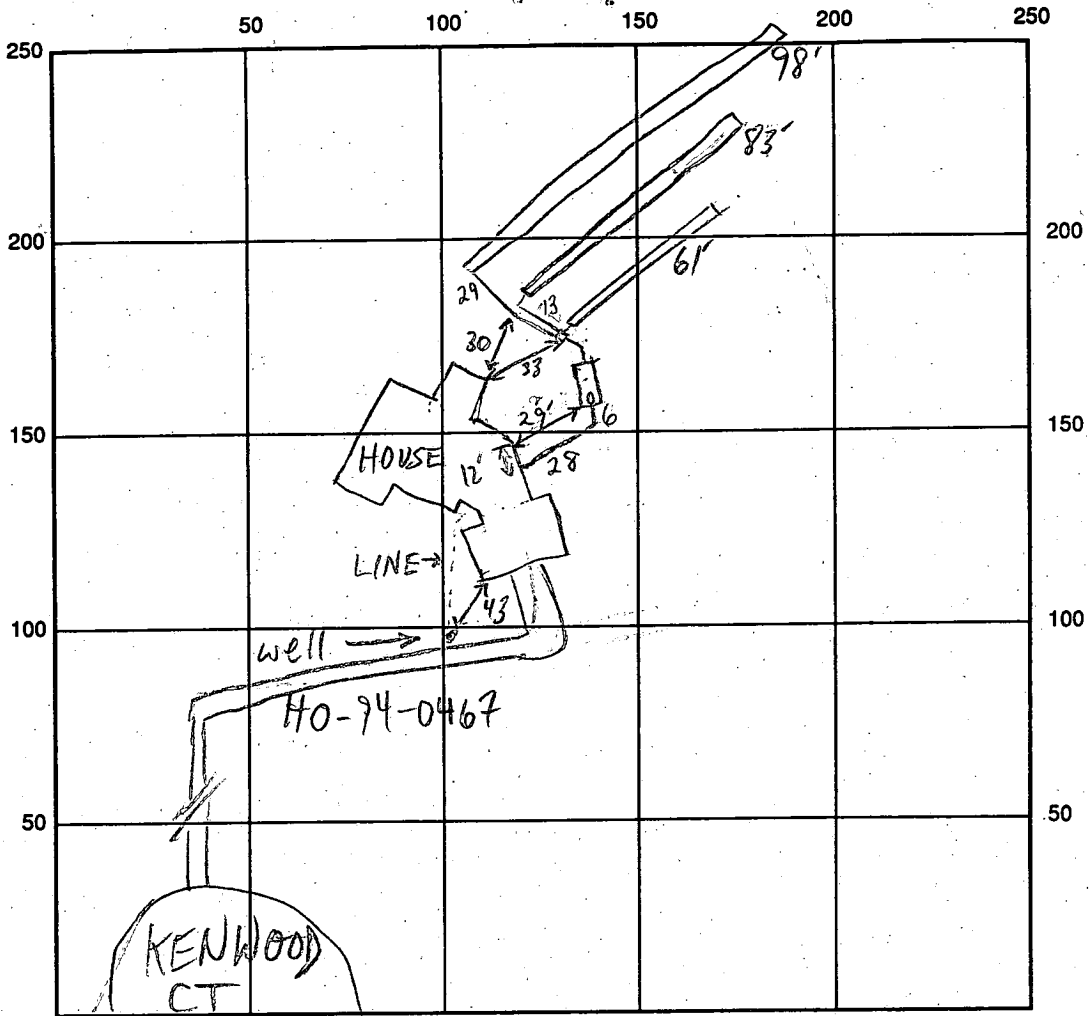
PERMIT VOID AFTER TWO YEARS

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 42486



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL CLEANOUTS S.T. - OK  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2.5 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 061 083 098 FT.  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 0183 0249 0294 SQ. FT.  
 DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.  
 ABSORBENT AREA 726 SQ. FT.

REMARKS: 8/11/97 HOUSE LOC. MOVED AS PER PREV. INFO (7/28/97 FAX);  
OK TO COVER (MR)

WPI OK TO COVER; 2-PC CAP REQUESTED MR 8/11/97  
 DATE SYSTEM APPROVED 8/11/97 INSPECTOR M. Ripkin

# APPLICATION

PERCOLATION TESTING

A 42486

P \_\_\_\_\_

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

DISTRICT 4

DATE July 5, 1988

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 Frall Developers, Inc. KEN VARNNEY

ADDRESS P. O. Box 659 Mount Airy, MD 21771 PHONE (301) 795-1866

ENGINEER OR CONTACT PERSON  
PROSPECTIVE BUYER VANMAR ASSOCIATES INC. / Mike VanSant

ADDRESS 310 South Main Street Mount Airy, MD 21771 PHONE (301) 829-2890

PROPERTY LOCATION:

SUBDIVISION RIPPEON PROPERTY LOT NO. 32  
~~3B~~

ROAD AND DESCRIPTION Bushy Park Road (15019 Woodwood Court)

TAX MAP 14 PARCEL # 12

SIZE OF LOT 8.1 ac ± TYPE BLDG. SFD - 4 Bdr  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED**  
**AND RETURNED 5-19-88**  
Serial # B00105305

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.

Ruane Jennings Agent  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 11/22/88 Perc Satisfactory Hold for PCAT. Solved

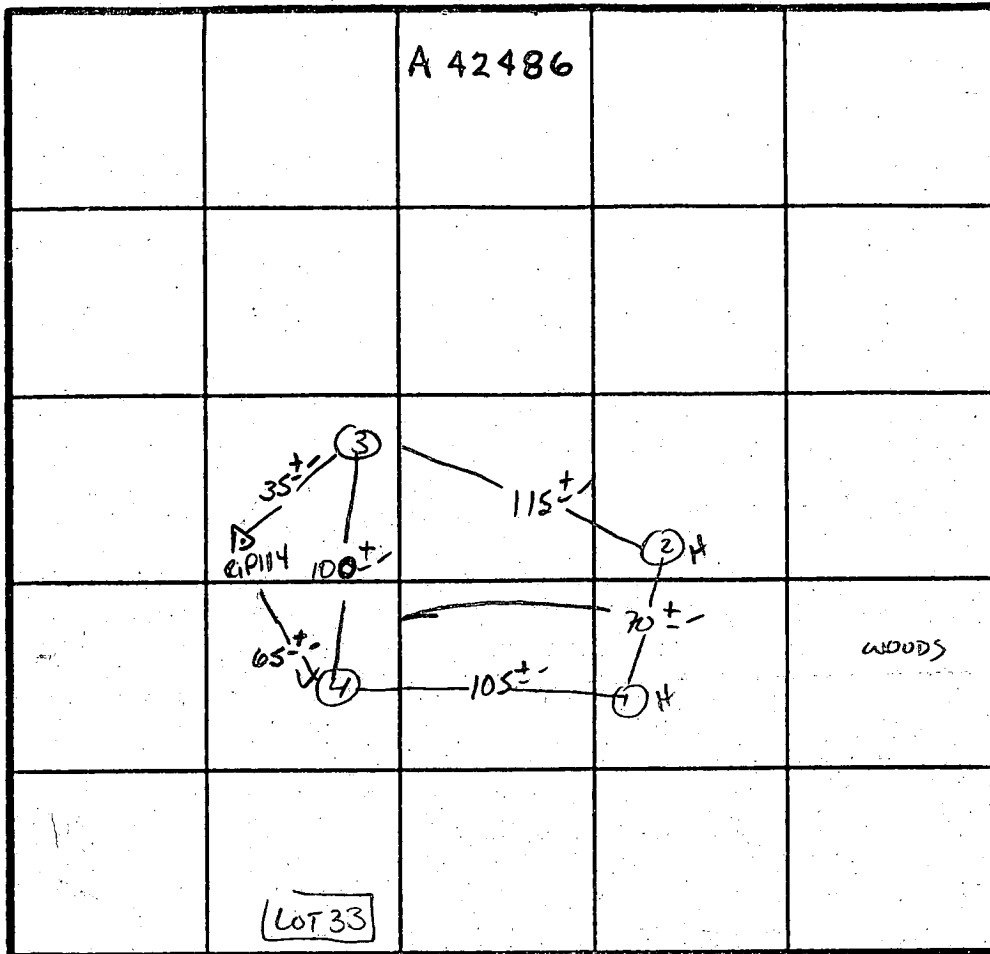
HD-216

# THIS IS NOT A PERMIT

A 42486

①  
SOIL PROFILE

0	A1-3
2"	yellow Red Silty Clay Loam 10-15% frap
3.5- 4.0	yellow (golden) Silty Sand Loam 10-15% frap
R <sup>+</sup>	



̄ PERC 4 MW  
180 φ 1 BA  
INLET 3.5  
BOTTOM 5.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Bushy Park Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/24/88	1S	3.5	11:01	11:03	11:03	11:06	3MIN
		8.0	11:01	11:02	11:02	11:04	2MIN
	1V	13"	AS profiled				
	2S	4.5	10:59	11:01	11:01	11:06	5MIN
		13"	SAME AS profile				
	3S	4.0	11:05	11:06	11:06	11:08	2MIN
		13"	SAME AS profile				
	4S	4.0	11:04	11:08	11:08	11:16	8MIN
		12.5	SAME AS profile				

REMARKS holes NOT per PLAN - LANDSCAPE POSITION SUGGEST SHALLOW SPST.

TYPE OF SOIL CHESTER

TESTED BY S. Abel

ALSO PRESENT Andrews, Robin  
Phil C. Cisse

B 1. **2459**  
2 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (DP USE ONLY)

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

STATE PERMIT NUMBER  
**HO-94-0467**  
70 fill in this form completely 79

Date Received (APA) **042795**  
OWNER INFORMATION  
15 Last Name **VARNEY** 34 Owner **KEN** First Name  
36 Street or RFD **15057 SCOTT SWOOD CT** 55  
57 Town **WOODBINE** 70 State 72 **MD** Zip 76 **21797**

DRILLER INFORMATION  
Driller's Name **Joseph L. Mayne** MSD/MGD/MWD **24**  
77 License No. 80  
Firm Name **Joseph L. Mayne Well Drilling**  
Address **5512 Ridge Rd. Mt. Airy 21771**  
Signature **Joseph L. Mayne** Date **4/26/95**

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)

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered)  JETTED  Jetted & DRIVEN   
30 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)   
37 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  
39  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 DEEPEAN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41: \_\_\_\_\_ 52

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER **GAP**  
FORCE  WRITE INITIALS IN BOX PERMIT No. **HO-94-0467**

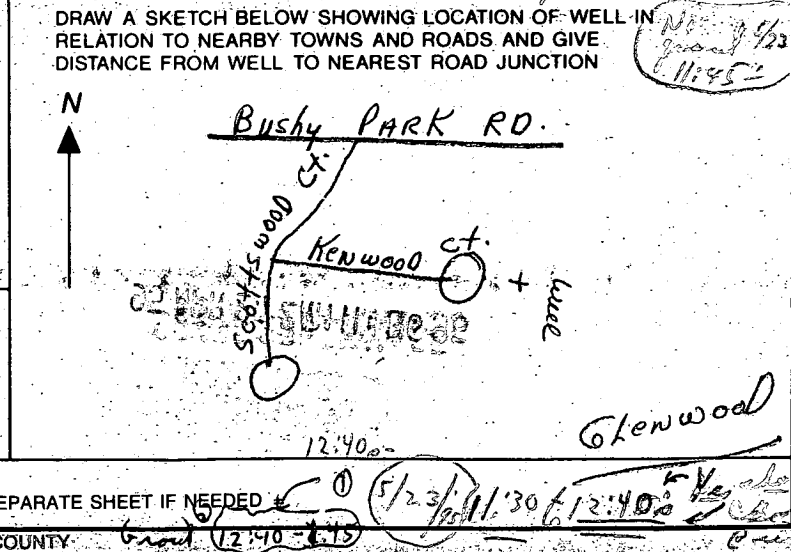
SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

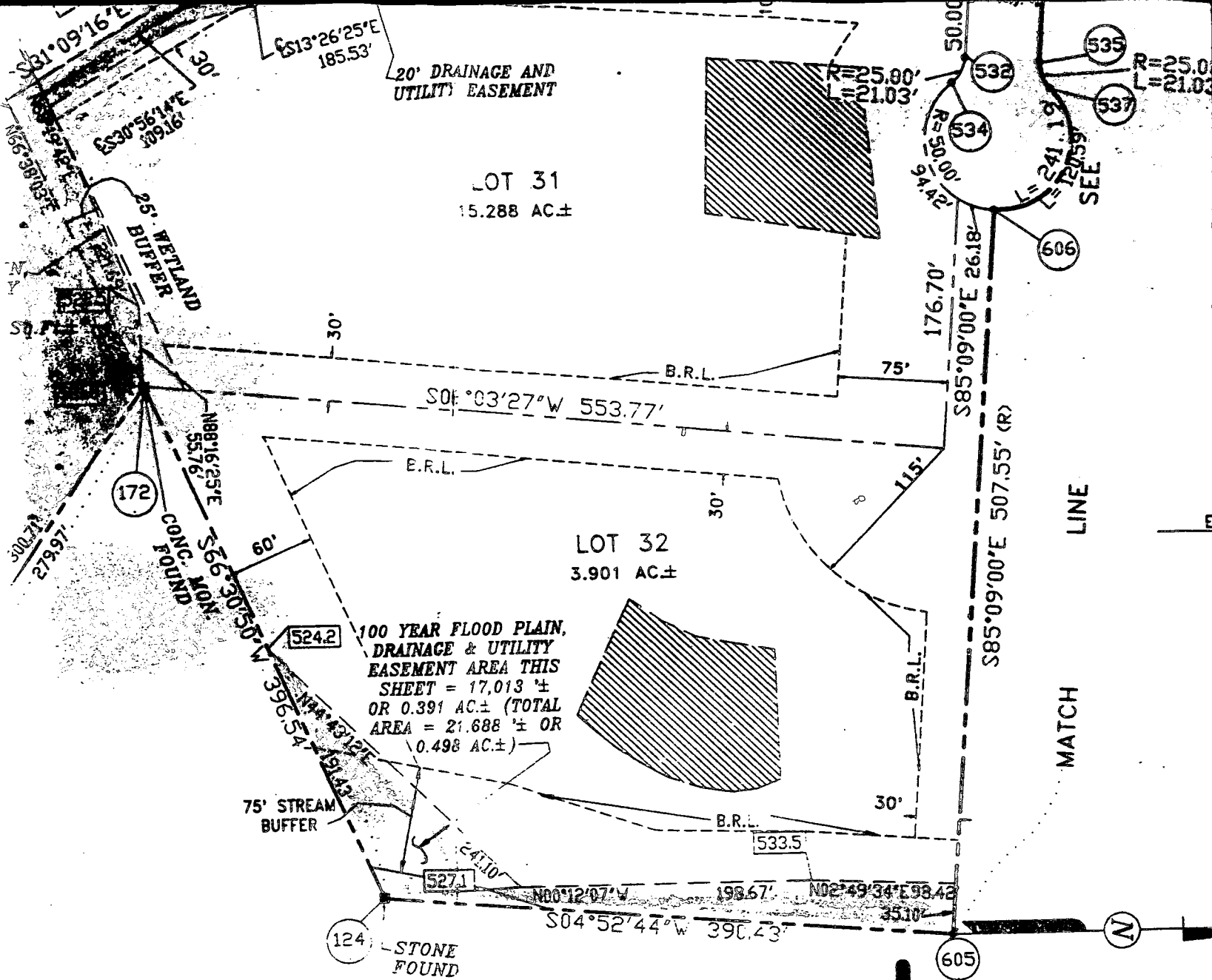
B 3 LOCATION OF WELL  
1 **HOWARD**  
2 8 COUNTY  
21 **COUNTRY SPRINGS**  
23 SUBDIVISION  
SECTION **32** LOT **32**  
44 46 48 50  
**Kenwood**  
52 NEAREST TOWN  
71  
MILES FROM TOWN (enter 0 if in town) **2** M **1**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NORTH  
N  
NORTH  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
WEST EAST  
SOUTH  
34 **600** 37  
DISTANCE FROM ROAD  
ENTER FT OR MI **F**  
38 39  
TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME **A# 42486** COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S  
DATE ISSUED **050795** Charles Bryan Street **5/04/95**  
43 48 CO SIGNATURE EXP. DATE  
NORTH GRID **539000** EAST GRID **0790000** 5/23/95  
50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. Well 1 saw gravel  
2. **got it 13' 30'+1**  
3. **18' 1'**  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E **780** 90  
N **538** 9  
000 000  
x Gravel 9' 30' - 22-95  
Well pull 13' No M46  
DEEP weather Related  
64' casing  
1' - gravel - open 30' 5/23  
Bags of cement per well  
1' casing above ground  
Top center (9:30)  
(No gravel) chd





PROPERTY OF  
 CHARLES S. DORSEY  
 LIBER NO. 1710, FOLIO 433

*Copy of Signed  
 final F-90-59*

**FISHER, COLLINS**  
 CIVIL ENGINEERING CO  
 LAND SURVEY  
 SUITE 100, 9171 BALTIMORE  
 ELLICOTT CITY, MARYLAND  
 (301) 461 - 2855

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF (1) ALL OF THE LANDS CONVEYED BY CLARK HANSON RIPPEON TO CARMAN ASSOCIATES BY DEED DATED MAY 25, 1989 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER No. 2005, FOLIO 665; ALSO BEING KNOWN AS LOT No. 3 AS SHOWN ON A PLAT ENTITLED "RIPPEON PROPERTY, LOTS 1-4" AND RECORDED AS PLAT No. 6530 AND (2) ALL OF THE PROPERTY CONVEYED BY STANLEY NELSON RIPPEON AND BUNALEE RIPPEON TO CARMAN ASSOCIATES BY DEED DATED MAY 25, 1989 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER No. 2005, FOLIO 673; ALSO BEING KNOWN AS LOT No. 4 AS SHOWN ON A PLAT ENTITLED "RIPPEON PROPERTY LOTS 1-4" AND RECORDED AS PLAT No. 6531 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

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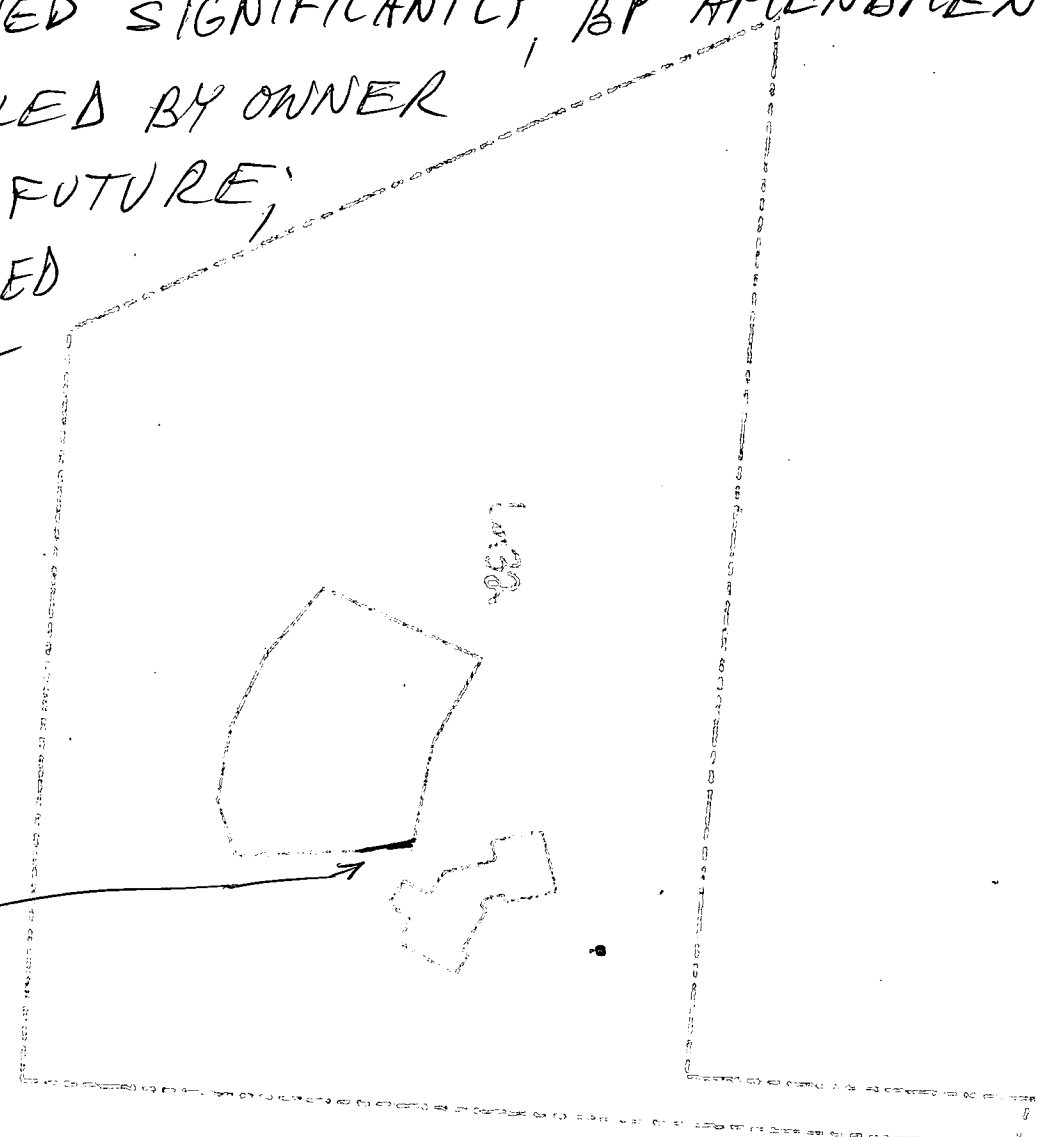
RECORDED AS PLAT No. \_\_\_\_\_ ON  
 IN THE LAND RECORDS OF HOWARD COUNTY

**COUNTRY S**  
**LOTS 1 -**  
**(A RESUBDIVISION OF**  
**RIPPEON PROPERTY,**  
**ZONING:**  
**TAX MAP 14**  
**FOURTH ELECTION**  
**HOWARD COUNTY,**

THIS IS HOUSE FOOTPRINT AS PER ACTUAL  
ENG'R STAKEOUT PRIOR TO CONST. — NEARLY  
EQUIV. TO AS-BUILT; ~~BP~~ <sup>COMPARED TO</sup> BP PLAN,  
HOUSE MOVED SIGNIFICANTLY, BP AMENDMENT  
TO BE FILED BY OWNER  
IN NEAR FUTURE;

OK TO PROCEED  
7/28/97 MR

AREA  
ELIMINATED  
— FROM  
EASEMENT



CONTRACT 51212

7-28-97



**FISHER, COLLINS & CARTER, INC.**

Civil Engineers & Land Surveyors  
10272 Baltimore National Pike  
Suite 100  
ELLICOTT CITY, MARYLAND 21042  
(410) 461-2855

JOB \_\_\_\_\_  
SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_  
CALCULATED BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECK BY \_\_\_\_\_ DATE \_\_\_\_\_  
SCALE \_\_\_\_\_

COUNTRY SPRINGS. LOT 32

1.
  - A. FIRST FLOOR : 545.2
  - B. BASEMENT : 535.2
  - C. INVERT OF SEPTIC SYSTEM AT HOUSE : 546.4
  - D. INVERT IN AT SEPTIC TANK : 539.9
  - E. INVERT OUT AT SEPTIC TANK : 539.6
  - F. PROPOSED GRADE OVER SEPTIC TANK : 542.5
  - G. INVERT AT DISTRIBUTION BOX : 539.3
  - H. EXISTING GROUND OVER DISTRIBUTION BOX : 541.8
  
2. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

Approved Septic System Plan  
Howard County Health Department

Amy McMullen      5/21/97  
Signature                      Date

C1 2997

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A# 42486

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

ST/CO USE ONLY, DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 052295

Depth of Well 225

PERMIT NO. H0-94-0467

OWNER VARNEY KEN, STREET OR RFD KENWOOD COURT, TOWN Glenwood, SUBDIVISION COUNTRY SPRINGS, SECTION, LOT 32

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 SAND, Yellow clay, GRAY MICA ROCK.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT, BENTONITE CLAY (BC), NO. OF BAGS 18, NO. OF POUNDS 1692, GALLONS OF WATER 108, DEPTH OF GROUT SEAL 30 ft.

CASING RECORD

MAIN CASING TYPE (SH), Nominal diameter top (main) casing 6 inch, Total depth of main casing 64 feet.

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (ST), BRONZE (BR), PLASTIC (PL), OPEN HOLE (HO), OTHER (OT).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (N)

CIRCLE APPROPRIATE LETTER: A, E, P

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...

TYPE: MWD/MSD/MGD 24

DRILLERS LIC. NO. 24

DRILLERS SIGNATURE (Joseph L. Mays)

LIC. NO.

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

DEPTH (nearest ft.)

Table for casing depth with columns for casing height and depth below land surface.

SLOT SIZE 1, 2, 3

DIAMETER OF-SCREEN (NEAREST INCH)

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.), W Q

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 12, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 27 ft., WHEN PUMPING 66 ft., TYPE OF PUMP USED (for test) S (submersible).

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO), 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) above/below LAND SURFACE.

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)

