

7/23/93 10:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

* Time Expired for F.C.O.P. Compliance

P 49472

A 48244

DISTRICT 4th

DATE 7/29/93

DATE SYSTEM APPROVED 9/24/93

INSPECTOR ALM

MEET INSTALL
9/14/93 3:30 meet install
9/17/93 afternoon insp
9/24/93 ASAP
9/24/93 5:00

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

04-355903

INDEXED

Russ Marshall / BUD ARNOLD IS PERMITTED TO INSTALL ALTER

ADDRESS 6216 Light Point Place, Columbia, Maryland 21045 PHONE 531-3998

SUBDIVISION Jean Dickey Property LOT Tenant House ROAD 13858 Forsythe Road

PROPERTY OWNER Walter Johnson

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS TOP SEAMED SEPTIC TANK REQUIRED

NUMBER OF BEDROOMS 5 *** Contractor to request trench lay-out inspection prior to beginning any excavation.***
200 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 335

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 original grade. 2 feet of stone below distribution pipe.

LOCATION - Trench location as per approved building permit site plan; no property boundaries in range to provide dimensioned location.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 6/3/93 RA

PLANS APPROVED BY C. Williams DATE 12/29/92

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

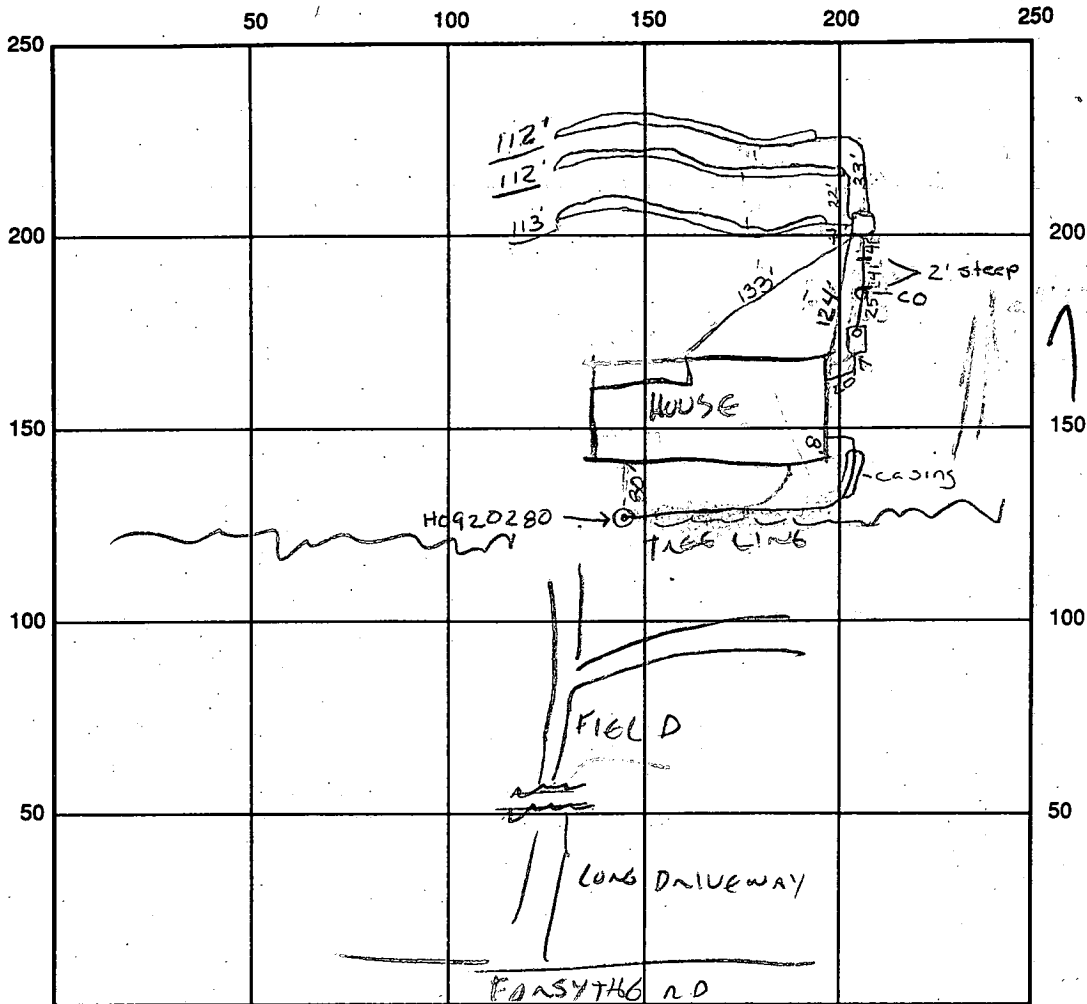
PERMIT VOID AFTER TWO YEARS

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
77887



SEPTIC TANK LEVEL 1500 gal OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 674 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4-5' FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ^{113'} ^{112'} _{112'} FT. 337

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 674 SQ. FT.

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

ABSORBENT AREA 674 SQ. FT.

REMARKS: 7/23/93 SITE INSP w/ RUSS MANSFIELD. APPROVED SEPTIC AREA MARKED BY
RIBBONS ON TREES. OK TO INSTALL TRENCHES SLIGHTLY LONGER THAN 100 TO ACCOMPLISH
3 TRENCH SYSTEM (3 $\sqrt{337} = 112'$ each). STEEP WOODEN ACCESS MAY MAKE DOMES "GRAVELLESS"
TRENCH SYSTEM ATTRACTIVE - INSTALL TO INVESTIGATE AVAILABILITY. (CW)
OK TO USE WIDER SPACING BETWEEN TRENCHES TO MAINTAIN NATURAL VEGETATION, 9/20
OK TO COVER WELL LINE (M) 9/24/93 10:35 TRENCHES OK TO COVER ALM 3:00 FINAL OK TO COVER TANK SEAM TARED

DATE SYSTEM APPROVED 9/24/93 INSPECTOR Arney M. McLean

6/17/92
1 PM

APPLICATION

PERCOLATION TESTING

A 48244
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 313-2640

*PREVIOUS OK
PROPOSED 1 ACRE FARM LOT SUBD.*

DISTRICT _____
DATE 6/17/92

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 Jean R. Dickey

ADDRESS 13850 Forsythe Rd. Sykesville, MD 21784 PHONE 442-2226

PROSPECTIVE BUYER Jennifer Johnson

ADDRESS 13850 Forsythe Rd. Sykesville, MD 21784 PHONE 442-2226

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION (13858 Forsythe Road)

TAX MAP 9 PARCEL # 93

SIZE OF LOT 1 A (FROM 134 ACRE FARM) 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.

Jennifer D. Johnson
(SIGNATURE OF APPLICANT)

APPROVED BY C Williams FOR SHALLOW TRENCHES DATE 12/29/92

REJECTED BY _____ FOR _____ DATE _____

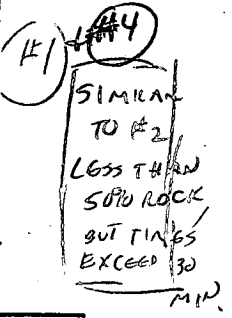
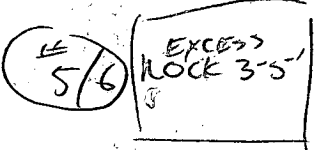
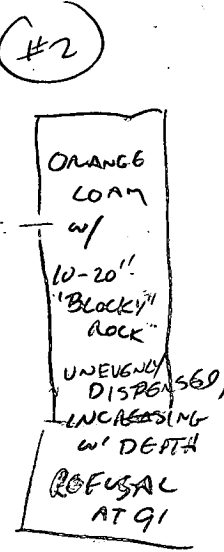
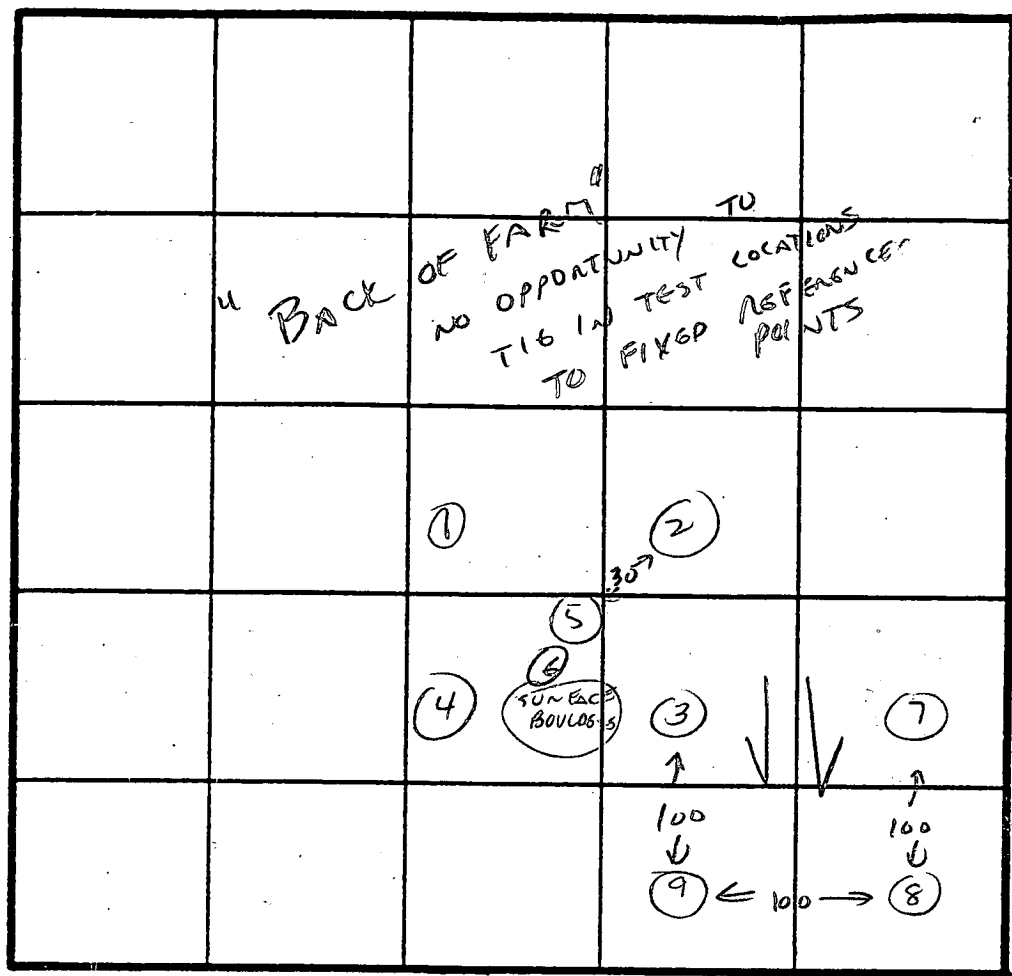
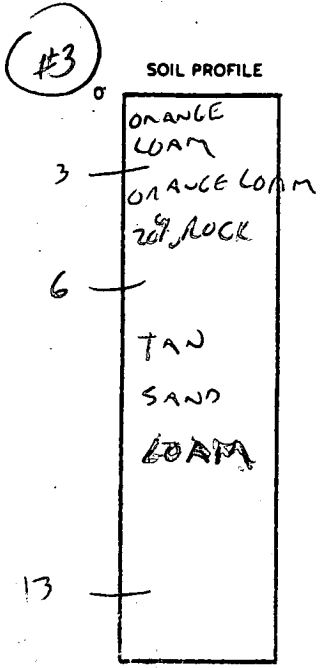
HOLD PENDING FURTHER TESTS PERM REQ'D CW OK 12/29/92 CW DATE 6/17/92

REASONS FOR REJECTION OR HOLDING _____

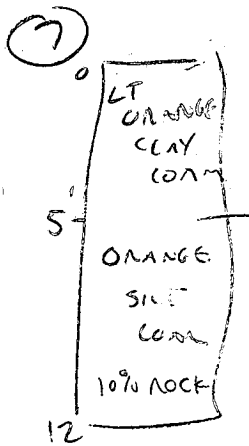
BLDG. PERMIT SIGNED
AND RETURNED 12/31/92
Serial # 46657 - SFD-5 Bms

HD-216

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/17/92	1 (X)	4 1/2	1:14	1/4" in 30 min			X
	2 (X)	10'		FAILS EXCESS ROCK			FAIL w/o TEST
	5/6 (X)		REFUSAL	AT 3'			FAIL w/o TEST
	3 (OK)	3 1/2	2:15	2:23	2:23	2:40	17 min
		9	UIS OK	LOAM			(OK)
		13	UIS OK	4-13'			
	4 (X)	5	1:35	1:53	1:53	1/4" in 30 min	FAILS - SLOW
		10					
	7 (OK)	5	4:00	4:32	4:32	EXCEEDS 30 min	
		12	UIS OK	5-12 LOAM			BUT OK BELOW 6' (OK)
	8 (OK)	4	4:14	4:25	4:25	4:44	19 min
		13					(OK)
	9 (OK)	3	UIS OK	LOAM			(OK)

REMARKS 3-7-8-9 OK, BEST AREA STRATS 20-30' DOWNHILL OF HIGHEST (3/7) TEST HOLES

TYPE OF SOIL MICA LOAM, SOME ROCK.

TESTED BY CWILLIAMS ALSO PRESENT R MARSHALL

C1 **7629** 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 **A48244**

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED
011893

Depth of Well
225
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
40-92-0280

OWNER **JOHNSON WALTER**
 last name **1358** first name **FORSYTHE RD** TOWN **SYKESVILLE**
 SUBDIVISION **DICKY PROPERTY** SECTION LOT **TRUCK HOUSE**

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	
Overburden Gray Rock	0	18	X
	18	225	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **5** NO. OF POUNDS **500**
 GALLONS OF WATER **470**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **20** ft.
 (enter 0 if from surface)

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

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) **6**
 Total depth of main casing (nearest foot) **20**

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

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

C2
 19 DEPTH (nearest ft.)
 EACH SCREEN
 1 **HO** **20** **225**
 2
 3

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. **121**
 DRILLERS SIGNATURE **Allen Constan**
 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




C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **57**
 METHOD USED TO MEASURE PUMPING RATE **Submersible**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **70**
 WHEN PUMPING **217**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

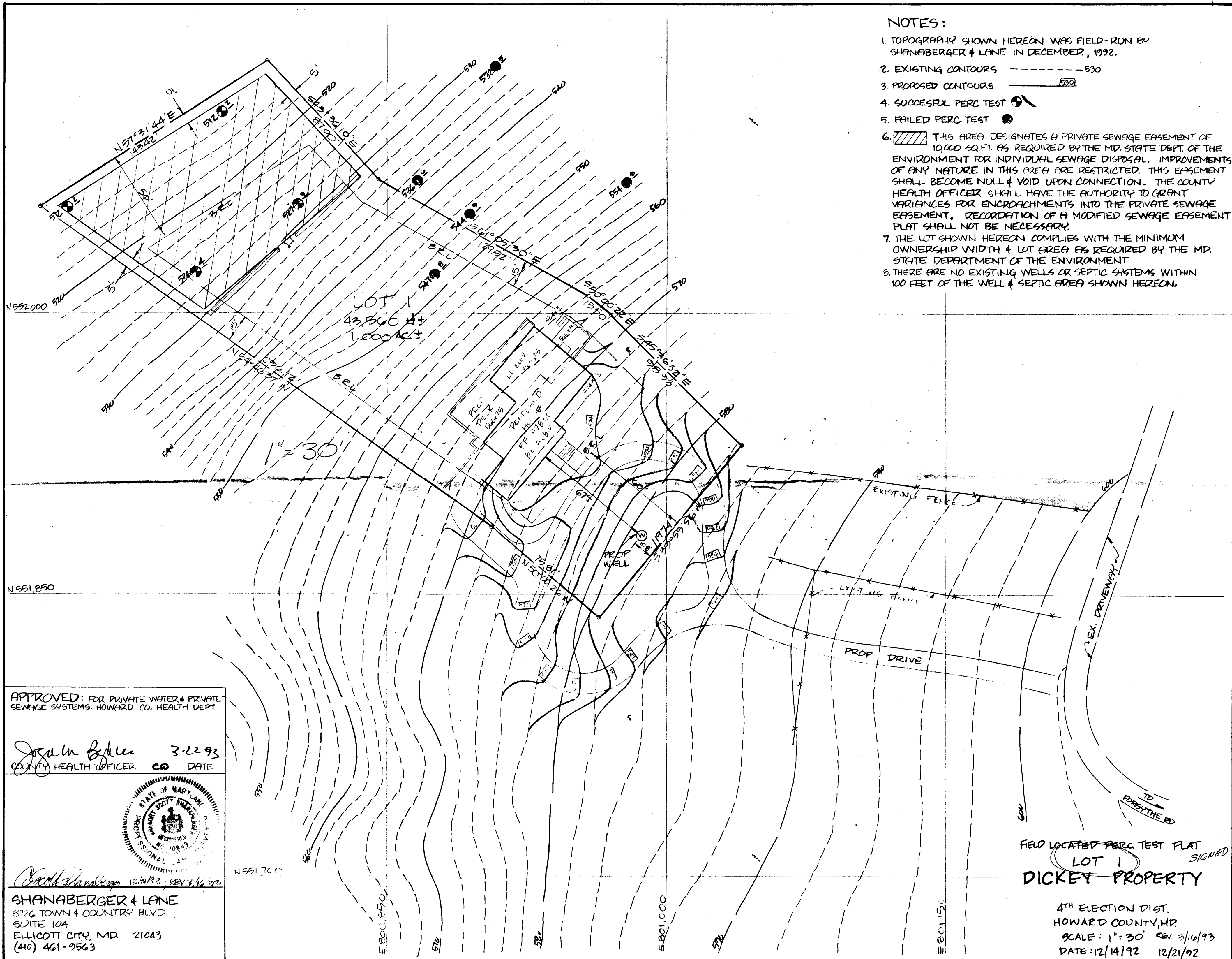
PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES **(NO)**
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: **29**
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**
 PUMP HORSE POWER **37** **41**
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**
 CASING HEIGHT (circle appropriate box and enter casing height)
(+) above } LAND SURFACE (nearest foot)
(-) below } **1**

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)

NO Survey stakes

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE IN DECEMBER, 1992.
2. EXISTING CONTOURS -----530
3. PROPOSED CONTOURS -----530
4. SUCCESSFUL PERC TEST 
5. FAILED PERC TEST 
6.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD. STATE DEPARTMENT OF THE ENVIRONMENT
8. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE WELL & SEPTIC AREA SHOWN HEREON.



RECEIVED
HOWARD COUNTY
HEALTH DEPT.
53 MAR 16 PM 2:23

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS. HOWARD CO. HEALTH DEPT.

John B. Lee 3-22-93
COUNTY HEALTH OFFICER CO DATE



Shanabarger & Lane 12/14/92 REV 3/16/93
SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 10A
ELLCOTT CITY, MD. 21043
(410) 461-9563

FIELD LOCATED PERC TEST PLAT SIGNED
LOT 1
DICKEY PROPERTY

4TH ELECTION DIST.
HOWARD COUNTY, MD.
SCALE: 1" = 30' REV 3/16/93
DATE: 12/14/92 12/21/92