

5/7/96  
2:00 clo  
ASAP  
5/8/96 (Final)  
WPI 6/12/96 A.M.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-302350

P 56601

A 30941

DISTRICT 3rd

DATE 5-6-96

DATE SYSTEM APPROVED 5-8-96

INSPECTOR [Signature]

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

### INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER       

ADDRESS 558-R Obrecht Road, Sykesville, MD 21784 PHONE 795-5674

SUBDIVISION Triadelphia Farms II LOT 14C-D ROAD 13215 Hunt Ridge Road

PROPERTY OWNER Rolf Hawkins

ADDRESS       

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

① CONTRACTOR REPORTS TRENCHES STILL IN CLAY AT 4' SOIL DRY TO 15' OK TO INSTALL TROUGH BOTTOM TO 6' (CW)  
② SEPTIC AREA APPROVED 80' TO NEIGHBORING WELL, BUT DROP SYSTEM DOWNHILL TO MAINTAIN 100' SEPARATION AT THIS TIME. KEEP DISTRIBUTION BOX HIGH ENOUGH TO ALLOW FUTURE REPAIR UPSLOPE IF NEEDED.

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

LOCATION - Beginning from the intersection of the 250.33 and the 248.21 lot lines, place distribution box 215' up the 250.33 lot line and 40' off that same lot line. Run trenches on contour toward the 810.00 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.

CALL 112/11295 VLS

INLET 3" IN LOWEST TRENCH, BOTTOM @ 5' 3" TO 6" IN 1/2 WEST OK

PLANS APPROVED BY Amy McMillen DATE 8/21/95

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

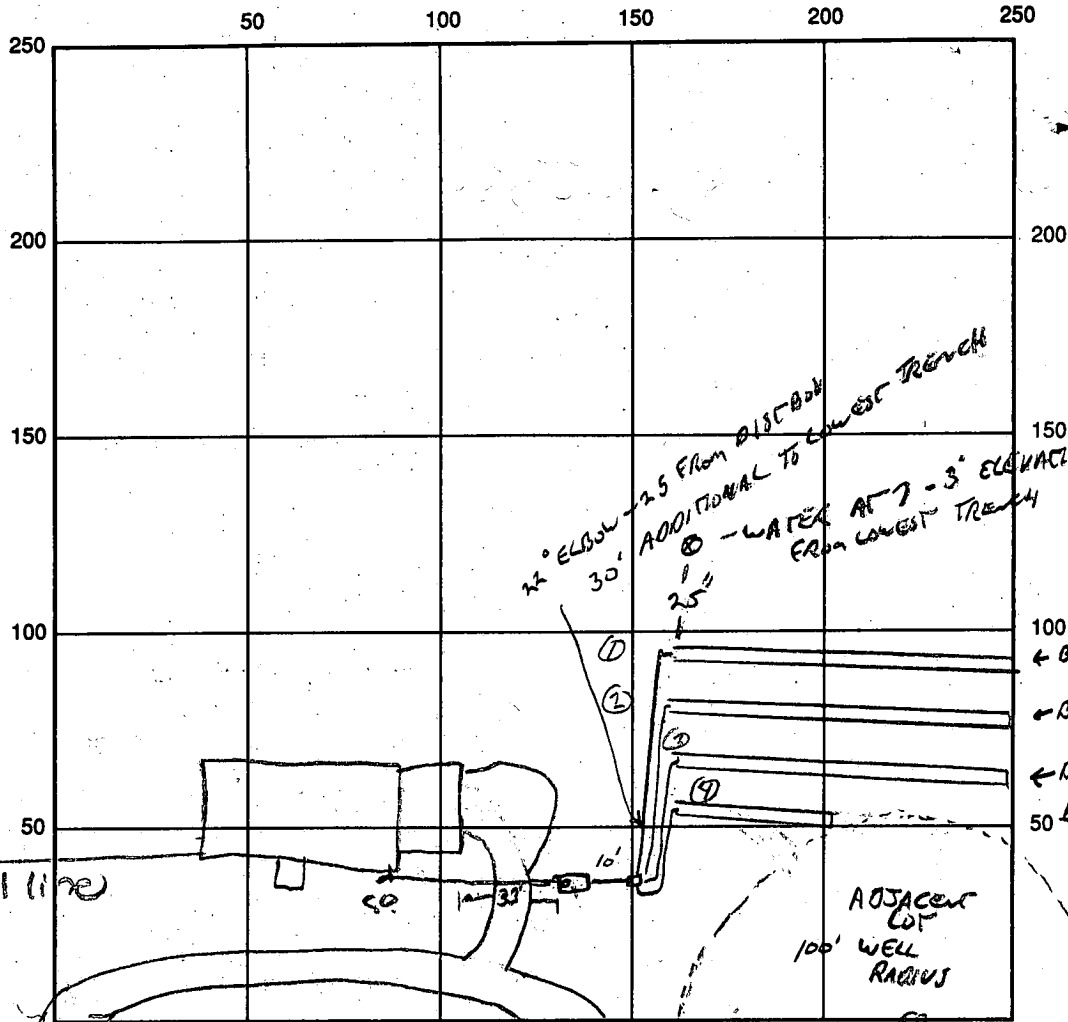
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

A 30941



5-7-96  
 WATER AT 14'  
 IN HIGHEST TRENCH  
 LOCATION  
 DIFFERENCE  
 WATER AT 7-3' ELEVATION  
 FROM LOWEST TRENCH  
 BOTTOM AT 5'  
 BOTTOM AT 5'  
 BOTTOM AT 5' 6"  
 BOTTOM AT 5'

Well  
 10-94-0672

300 ± Well line

Neighbor's drive  
 INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 HUNT RIDGE ROAD

SEPTIC TANK LEVEL OK BAFLE IN \_\_\_\_\_ CLEANOUTS 10 IN TANK, 1 AT WALL  
 DISTRIBUTION BOX LEVEL OK  
 DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 109 / 12 / 3 / 100 FT. / 4 / 50  
 NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~ BOTTOM AREA 1065 SQ. FT.  
 DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 5-7-96 SLEVE UNDER DRIVEWAY, NO REPAIRS LOWER THAN  
CURRENT INSTALLATION, USE HIGHER GROUND TO 80' FROM WELL. INSTALL  
3" 100' TRENCHES, 1 30' TRENCH AS SHOWN. OK TO SPACE TRENCHES 6'  
APART. 5-7- OK TO COVER 1ST 3 TRENCHES, TANK + DIST BOX.  
5-8. TRENCH 4 DUG; CONTRACTOR WAITING FOR CONCRETE TO STONE TRENCH  
(SITE IS TOO MUDDY FOR BACKFILL), LEVELLED IN DIST BOX OK, COVER AD

DATE SYSTEM APPROVED 5/8/96 INSPECTOR [Signature] COMPLETED

\* well line OK to cover. DLS 6/12/96

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 30941

P \_\_\_\_\_

DISTRICT 3R17

DATE 9/30/80

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 RICHARD HENDRICK

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

PROPERTY LOCATION:

SUBDIVISION TRIDELPHIA FARMS II LOT NO. 14 C-D

ROAD AND DESCRIPTION Tridelphia Rd

S.F.D. - 5 BRMS

**BLDG. PERMIT SIGNED  
AND RETURNED 11-17-95**  
Serial # 62481

SIZE OF LOT 3 AC M/L TYPE BLDG. 3 OR 4  
(NUMBER OF BEDROOMS)

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)

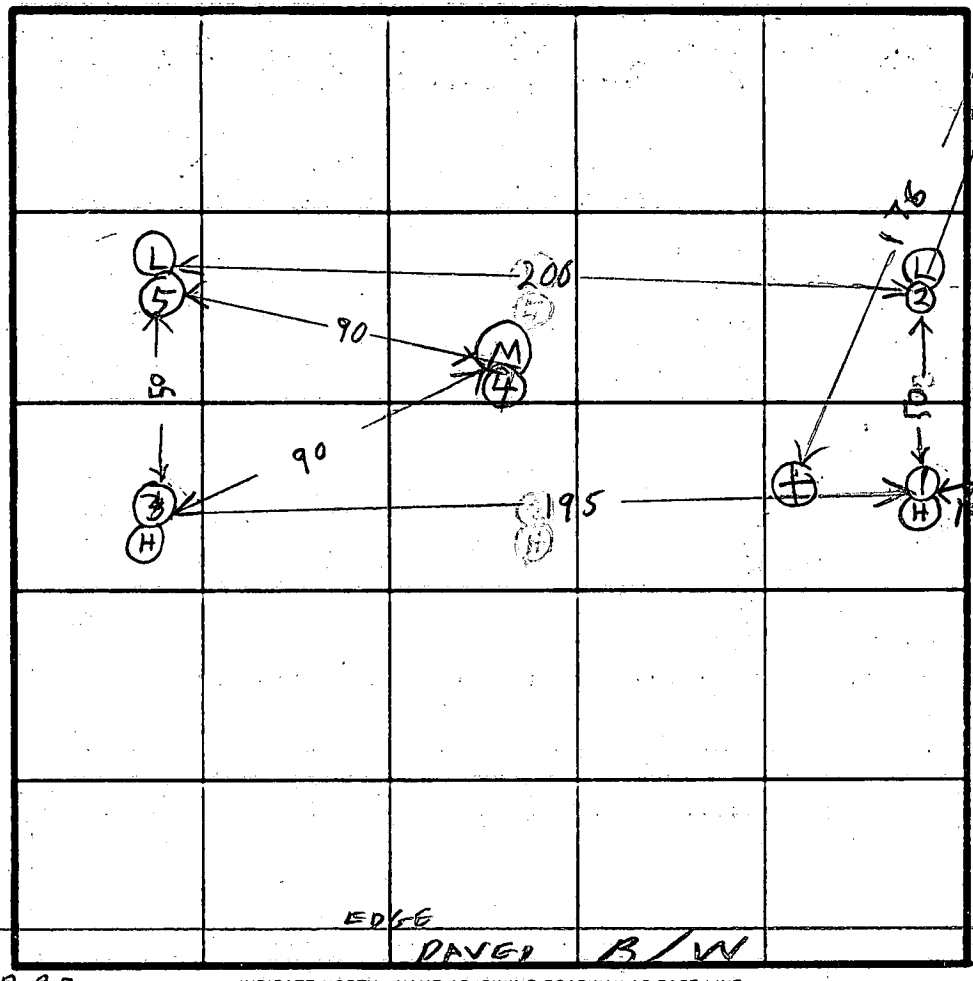
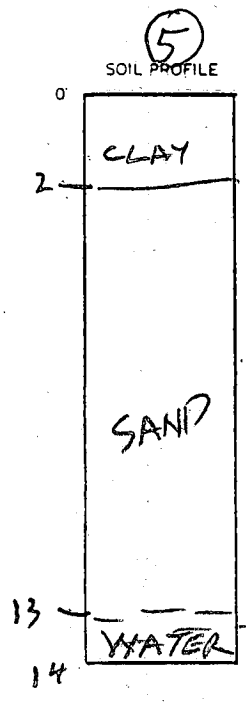
APPROVED BY F. Skinner FOR tile field DATE 4/16/82

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

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

REASONS FOR REJECTION OR HOLDING 3/4/82 HOLD FOR REVIEW UNDERGROUND  
WATER RH. SY

# THIS IS NOT A PERMIT



IRON PIPE

⊗ = WATER HOLE ON 3/20/81 SEE PAGE 1

HOLE ELEV

Ⓜ = HIGH

Ⓛ = LOW

Ⓜ = MEDIUM

← TO TRIDELPHIA RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
3/3/82	1S	4	950	955	955	1004	9
	1V	12	TOP	2FT	CLAY		
			BOT	10FT	SAND	DRY	
	2S	3½	959	1004	1004	1010	6
	2V	15	TOP	2FT	CLAY		
			BOT	13FT	SAND	DRY	
	3S	4	1002	1005	1005	1010	5
	3V	7	ALL	SANDY			
	4V	13½	TOP	2FT	CLAY		
			BOT	11½FT	SAND		
	5S	4	1015	1020	1020	1020	6
			SEE SOIL PROFILE				
3/3/82	5V	14½	WATER 13 FT				

4/16/82  
O.K. for  
tile field  
only  
J.S.

REMARKS THERE HAS BEEN A DRAINAGE DITCH DUG BEHIND THIS LOT AH

TYPE OF SOIL \_\_\_\_\_

TESTED BY Raymond A. ... ALSO PRESENT D REWER  
KETTERMAN

EIF 12 1079

# APPLICATION

SEWAGE DISPOSAL TESTING

A 30941

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 3rd

DATE 9/30/80

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. Richard Hemphill

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

PROPERTY LOCATION \_\_\_\_\_

SUBDIVISION Triadelphia Farms II LOT NO. 14C-D

ROAD AND DESCRIPTION Triadelphia Road

SIZE OF LOT 3 acres m/1 (?) TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Richard Hemphill per Don Reuwer

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

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

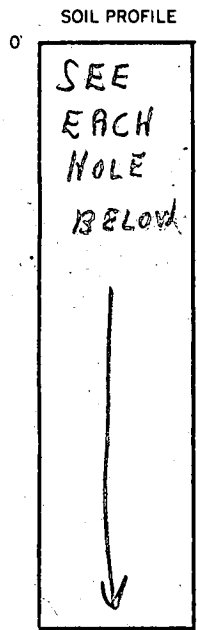
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 3/20/81 for POSSIBLE REJECTION OF EWA

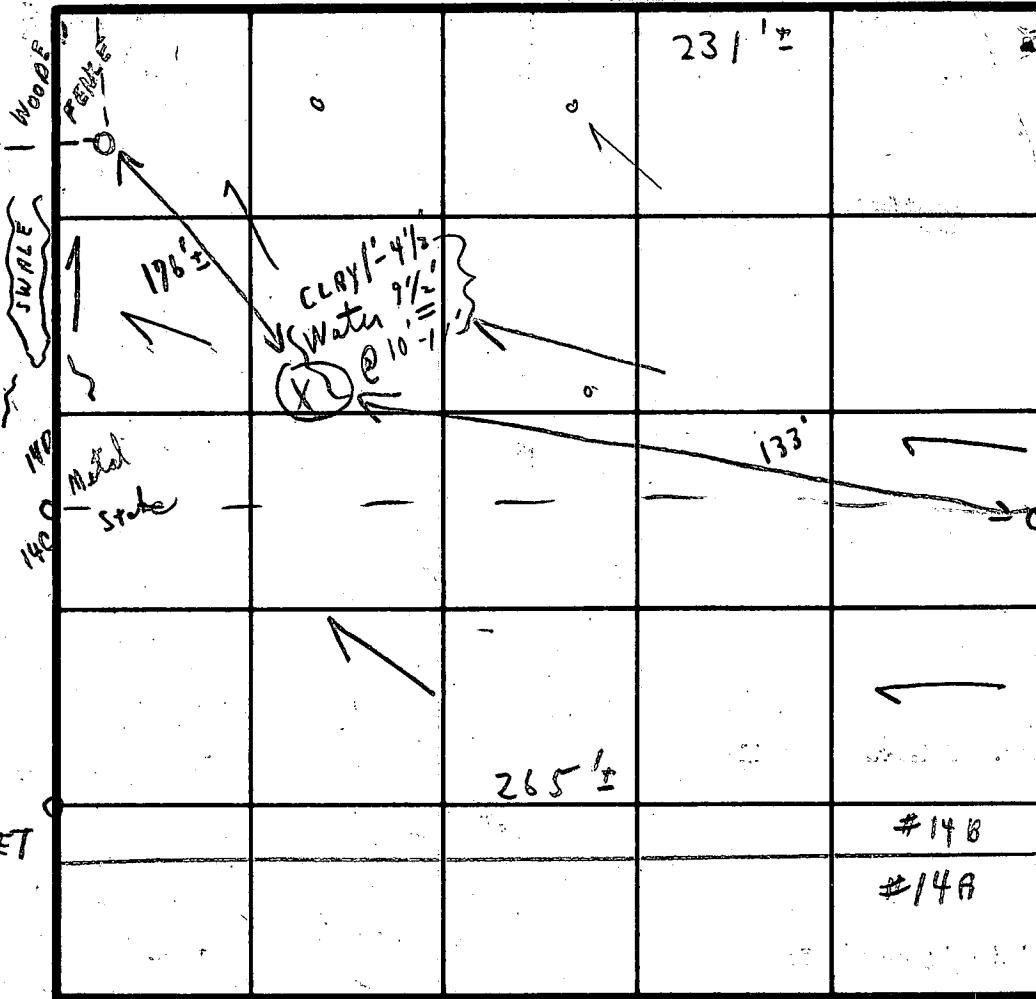
AREA + WET SEASON  
C.B.B.

# THIS IS NOT A PERMIT

14 C-D



FIELD SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TRIA DELPHIA ROAD

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1' CLAY	3/20/81	1	1	:	:	:	:	
		2	1	:	:	:	:	
1' CLAY		3	1	:	:	:	:	
		4	1	:	:	:	:	
1' CLAY		5	1	:	:	:	:	
		6	1	:	:	:	:	
1' CLAY		7	1	:	:	:	:	
		8	1	:	:	:	:	

REMARKS [ 3/20/81 NO PERC'S STAKED TESTS IN OPEN FIELD ]

TYPE OF SOIL 1 HOLE (WATER @ 9 1/2' - 11')

TESTED BY C.B.V. ALSO PRESENT AKETTERMAN & SON C. MURKINS

C 1 2829 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 30941

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

101895

225

HO-94-0672

OWNER: Hawkins (last name), ROLF (first name) STREET OR RFD: Hunt Ridge Dr TOWN: Glenelg SUBDIVISION: TRIADELPHIA FARMS II SECTION: LOT 14 CD

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: Top Soil (0-2), Sandy Sandstone (2-40), MICICA Sandstone (40-45), Sandstone (45-65), MICKA (65-70), MICKA (70-225).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS: 15 NO. OF POUNDS: 1500 GALLONS OF WATER: 90 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 45 ft.

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

MAIN CASING TYPE: (PL) Nominal diameter top (main) casing (nearest inch!): 6 Total depth of main casing (nearest foot): 50

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

NUMBER OF UNSUCCESSFUL WELLS: 1 WELL HYDROFRACTURED: (Y) (N)

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.

TYPE: (MWD) MSD/MGD DRILLERS LIC. NO. 116

DRILLERS SIGNATURE: Ralph Wayne LIC. NO. 117

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

DEPTH (nearest ft.): HO 48 225

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

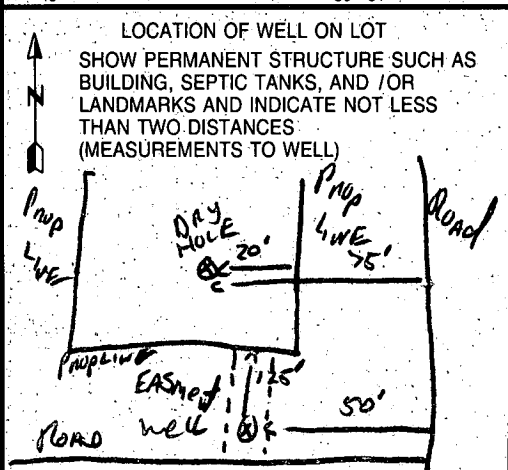
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour): 3 PUMPING RATE (gal. per min.): 120 METHOD USED TO MEASURE PUMPING RATE: Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING: 30 ft. WHEN PUMPING: 52 ft. TYPE OF PUMP USED (for test): (S) submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. 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 LAND SURFACE (nearest foot): (2) below



SITE INSPECTION SHEET

OWNER: ROLE HAWKINS

DATE REQUESTED: 10/18/95

ADDRESS: 600 TRAD FARMS LOT 14

DRILLER: \_\_\_\_\_

HUNT RIDGE DR.

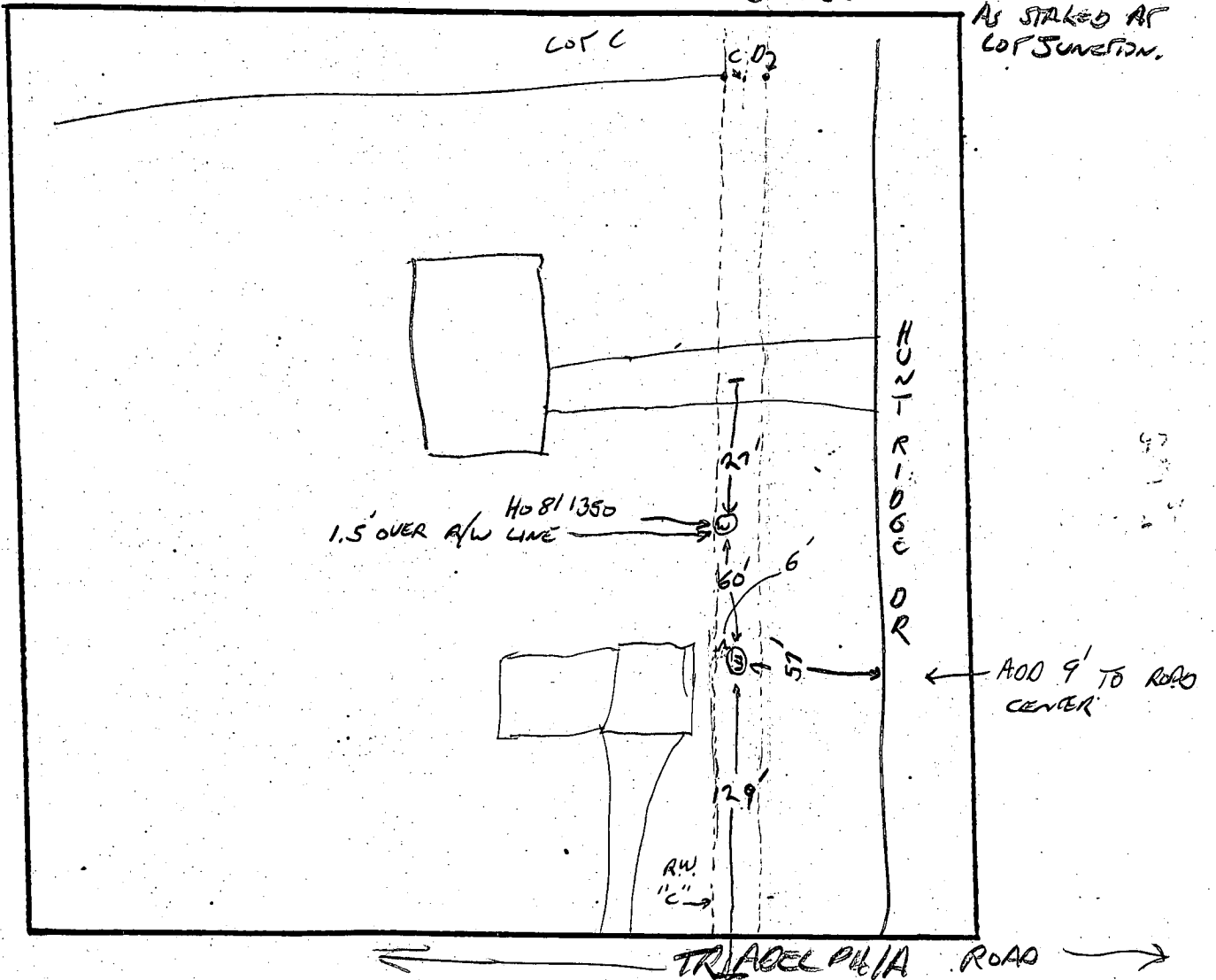
WELL TAG # HO 94-0672

COUNTY # \_\_\_\_\_

PROPOSAL: VERIFY LOCATION OF NEW WELL ON PIRESTEEN

LOCATION DIAGRAM

EASEMENTS STAKED BY SURVEYORS  
EACH EASEMENT APPEARS 5' WIDE  
AS STAKED AT  
LOT JUNCTION.



COMMENTS: \_\_\_\_\_

DATE: 10/18/95

INSPECTOR: [Signature]

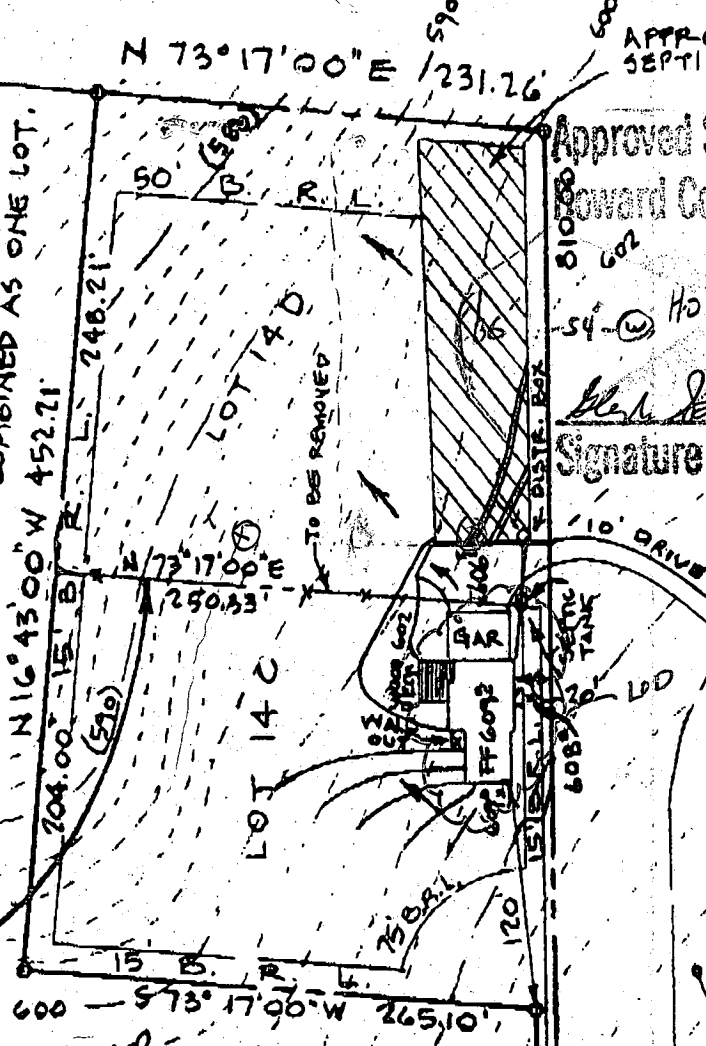
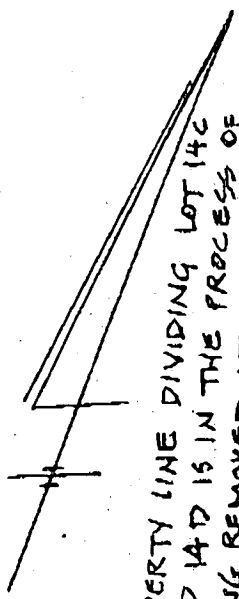
APPROVED SEPTIC FIELD

Approved Septic System Plan  
Howard County Health Department

LOT 13 C

PROPERTY LINE DIVIDING LOT 14 C AND 14 D IS IN THE PROCESS OF BEING REMOVED AT THIS TIME. LOTS 14 C AND 14 D WILL BE COMBINED AS ONE LOT.

*John L. Schneider*  
Signature  
11/17/95  
Date

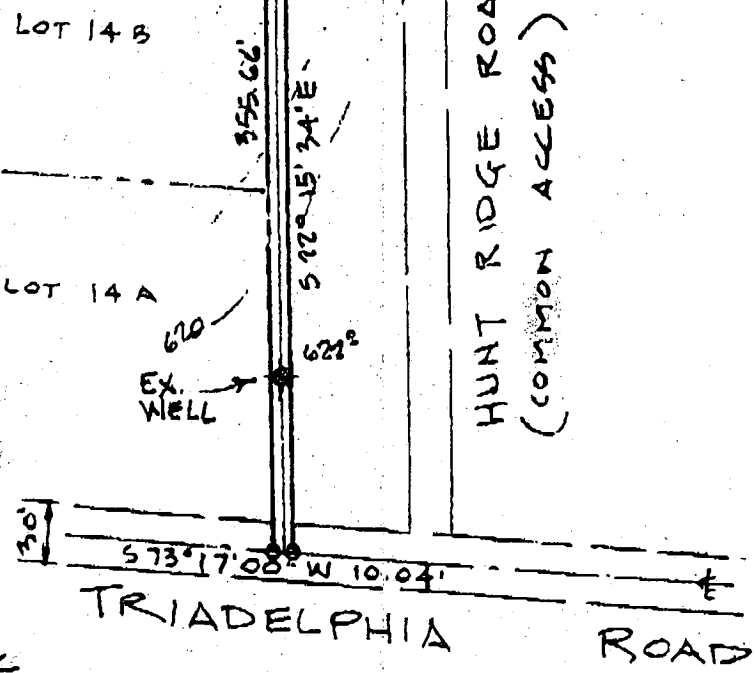


5/7/96 WATER AT 14' ALONG THE 602' CONTOUR  
WATER AT 7' ALONG THE 555' CONTOUR

SEPTIC DATA

HOUSE FIN. FL.	609.5
" BSMT	600.0
" SEWER INV.	604.0 605.5
SEPTIC TANK INV. IN	603.5 604.5
" INV. OUT	603.2 604.2
" FIN. GR.	606.0
DISTR. BOX INV. IN	602.0 603.5
" FIN. GR.	605.6
WATER WELL EX. GR.	622.0
" FIN. GR.	622.0

NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

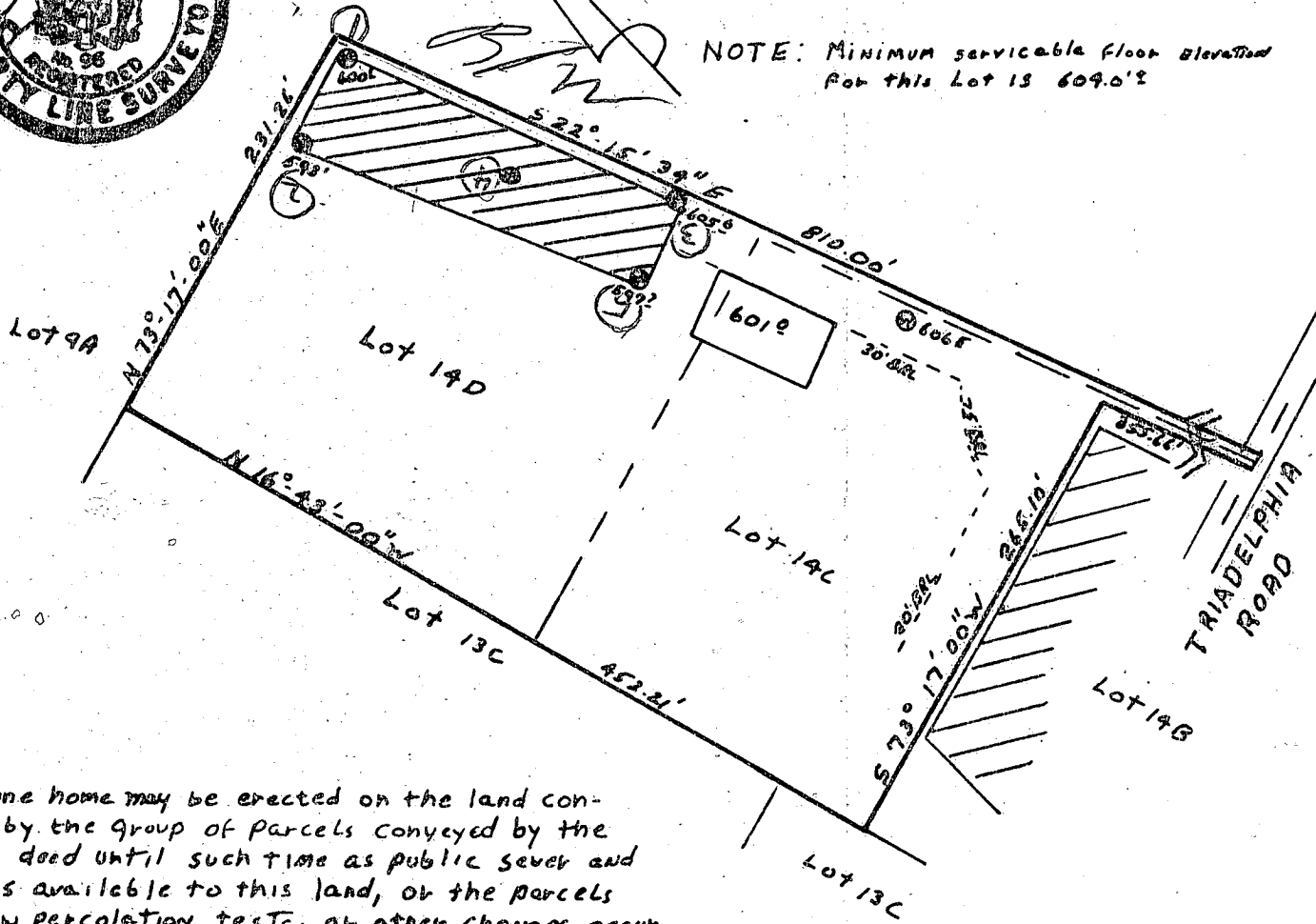


ENGINEER  
JOHN L. SCHNEIDER, P.E.  
100 N. ROLLING RD.  
CATONSVILLE, MD. 21228  
410-744-1945

12  
2



NOTE: Minimum servicable floor elevation for this Lot is 609.0'



"Only one home may be erected on the land contained by the group of parcels conveyed by the instant deed until such time as public sewer and water is available to this land, or the parcels pass new percolation tests, or other changes occur obviating the need to so limit building."

This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "●".  
 The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.  
 Percolation areas and water wells for adjoining lots have been shown where pertinent.

PERCOLATION TEST PLAT  
 Lot 14C D  
 TRIADELPHIA FARMS II  
 Property of  
 RICHARD M. HEMPHILL  
 Election District  
 Howard County, Maryland  
 Scale 1" = 100'  
 Date 3/4/82

APPROVED: For Private Water and Private Sewage Systems  
*James M. Taylor* 4-19-82  
 County Health Officer Date

NTT Associates  
 Suite 101 STERRETT Bldg.  
 Columbia, MD 21046  
 321-0307

