

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 35115

A 28954

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

INDEXED

ELLICOTT CITY  
DISTRICT 3rd

DATE 3/11/85

PAUL SCHISLER 875 4197

David & Kristin Mesa

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 596-5410

SUBDIVISION Triadelphia Farms II ROAD Triadelphia Road LOT 5B

PROPERTY OWNER David & Kristin Mesa

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO

1000

3

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

3 BED ROOM HOUSE BP# 65723

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. <sup>1 1/2</sup> ~~1 1/2~~ 3 feet below original grade. Bottom maximum depth <sup>1/2</sup> ~~1/2~~ feet below original grade. Effective area begins at 3 feet below original grade. 5 ~~1/2~~ feet of stone below distribution pipe. LOCATION: Start the first trench 100 feet from the back lot line and 35 feet from the left side of the lot as seen when facing the lot from the Triadelphia Road. Run trenches along level ground toward left rear corner of lot. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

3BE - 100' 116  
~~4BR - 130 155~~

RH DECIDED 9 FT DEEP OK & INLET 5 FT

PLANS APPROVED BY C. Williams/Raymond Hodges DATE 6/5/85

COVER NO WORK UNTIL INSPECTED AND APPROVED. BUT MUST MAKE DITCHES 120 FT LONG & 4 FT STONE RH

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE-REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 35115

2 Septs  
10/1/85  
11/7/85

10 AM + 1 PM

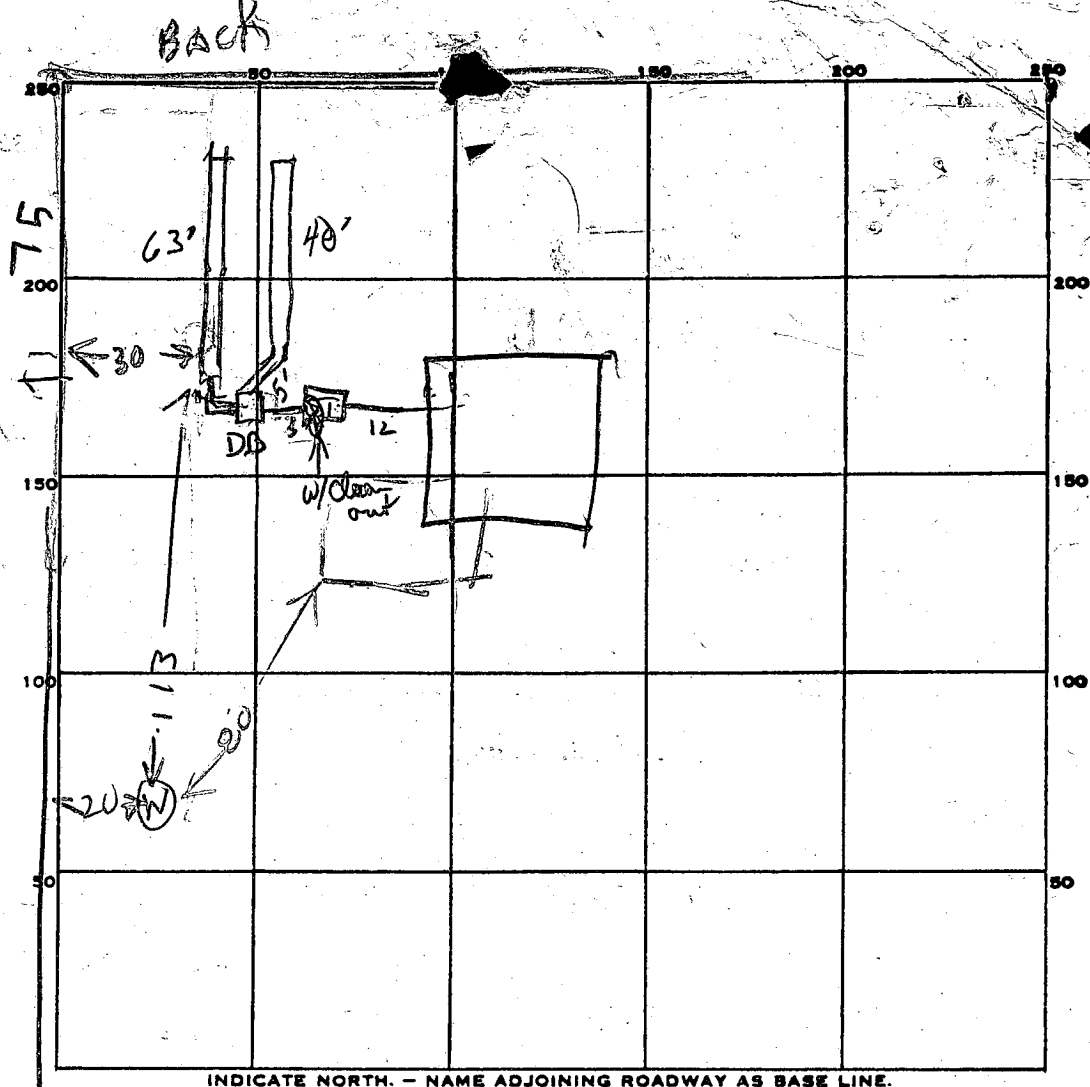
system done & OK pending  
hook up to house

APPROVED  
RH  
3/11/85

Now  
I.C.O.P.  
Time expired

158  
4  
632  
159  
3  
474

THIS PERMIT SIGNED  
BY



41  
C1

160  
480  
232  
128  
120  
440  
40  
4  
160  
63  
4  
252

PERMIT CARD OK to cond.

SEPTIC TANK, LEVEL OK 1500 (EXTRA BIG) CLEANOUTS OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH #1 8.5 FT. TRENCH WIDTH #1 2 FT.

GRAVEL DEPTH #1 4 IN. TOTAL LENGTH #1 63 FT.

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA ONE SIDE #1 252 #2 240 = 492

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 492 SQ. FT.

REMARKS 10/31/85 PERMIT LOCATION OK TRENCH STARTED

10/31/85 252 PM - TRENCH OK DIG TRENCH LONGER AND STONE HOOK UP TANK

INSTALL CLEANOUT 10/31/83 355 PM TRENCH #1 OK

COVER TANK & BOX DIG TRENCH #2

OK to add stone & pipe to trench #2. Trench #2 will have 6ft of stone to compensate for sq footage lost on trench #1. Still not connected to house, will finalize till then

11/1/85 OK to cover trench #2, will have to come back to see house hook up

11/7/85 HOUSE HOOK UP OK

DATE SYSTEM APPROVED 11/7/85 INSPECTOR Raymond Roden

# APPLICATION

5B

28954

*Prep*

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE 3rd

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 10/2/78

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE \_\_\_\_\_

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 *Mesa*

ADDRESS c/o Boender Associates, Inc., Town & Country Prof. Bldg PHONE 465-7777

### PROPERTY LOCATION:

SUBDIVISION Triadelphia Farms, Section II LOT NO. 5-B

ROAD AND DESCRIPTION # 13298 Triadelphia Road

SIZE OF LOT 1 acre TYPE BLDG. SFD 3 or 4  
NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE NA

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT *Jack Boender*

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

*B.P. # 65723*  
BLDG. PERMIT SIGNED  
AND RETURNED *2/22/81*

# THIS IS NOT A PERMIT

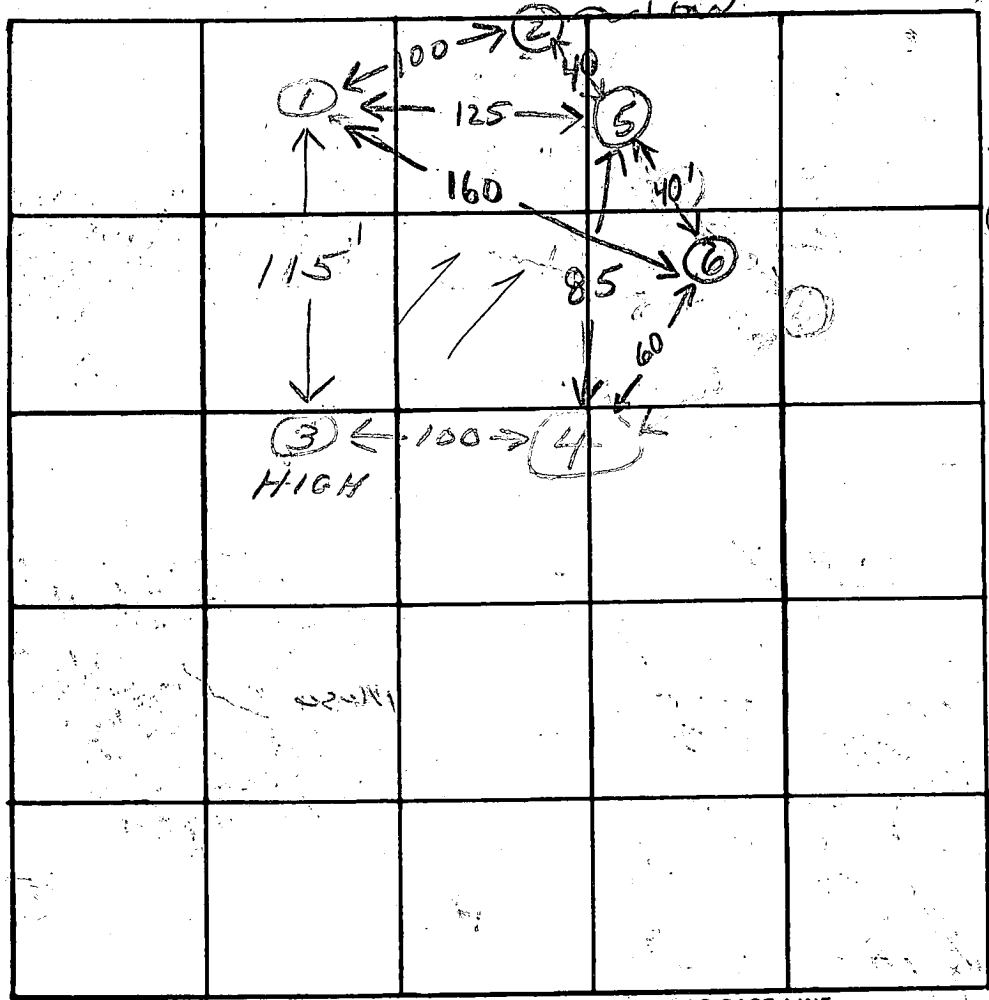
125'

5B

LOT 5B

5-2-3

125  
40  
85  
8'



ELEV. FROM  
 3 → 2 = 11 FT  
 5 → 2 = 3 FT  
 160  
 6 → 5 ≈ 4'  
 4 → 6 = 3'

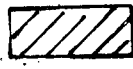
TRIDELPHIA RD

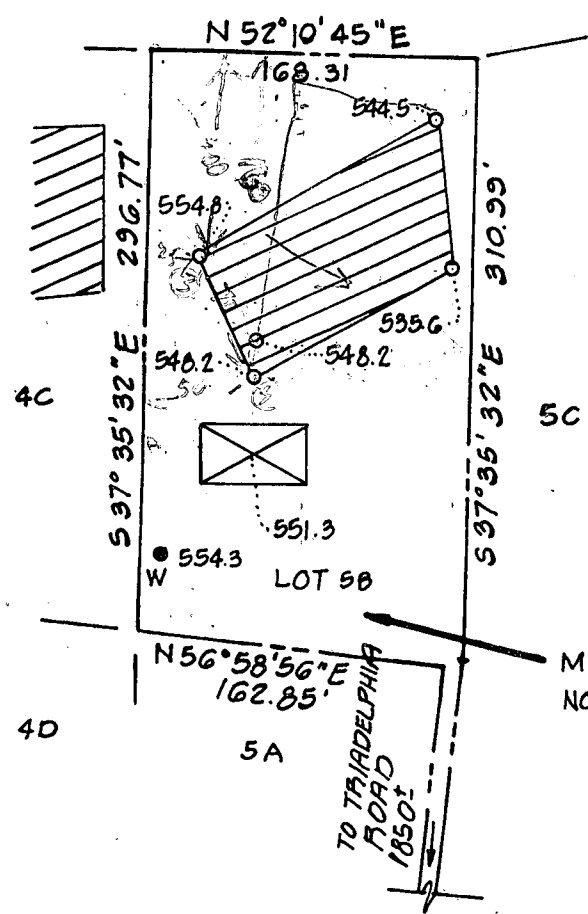
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/3/78	1S	4	4:16	4:17	4:17	4:19	2	
	1D	11 1/2	4:16	4:20	4:20	4:23	3	
	2	WATER AT 12 FT						
	3S	3	4:06	4:07	4:07	4:09	2	
	3D	11	4:06	4:10	4:10	4:15	5	
	4	12	VISUAL					
	5	WATER AT 14 FT						
10/6/78	6S	2	401	402	402	405	3	
	60	12	401	405	405	411	6	

HARD BOTTOM

REMARKS TESTED GK & LP  
 TYPE OF SOIL shaly sand below clay

 THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PLUMBIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM



THIS IS TO BE USED IN CONNECTION WITH THE PERCOLATION TEST PLAT AND NOT BE USED SEPARATELY BY THE PROPERTY OWNER WITHOUT THE WRITTEN CONSENT OF THE SURVEYOR.

MIN. F.F. ELEV. = 556.0  
NO. BSMT. SEWER SERVICE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
*Joyah Byrnes* 8-20-79  
COUNTY HEALTH OFFICER DATE

- NOTE:
1. PERCOLATION TEST HOLES SHOWN HEREON AND INDICATED THUS (o) HAVE BEEN FIELD LOCATED BY TRANSIT STADIA METHOD, BASED ON STAKE OUT OF PROPERTY CORNERS BY TRANSIT STADIA METHOD AT THE TIME OF TESTS.
  2. VERTICAL DATUM IS ASSUMED.

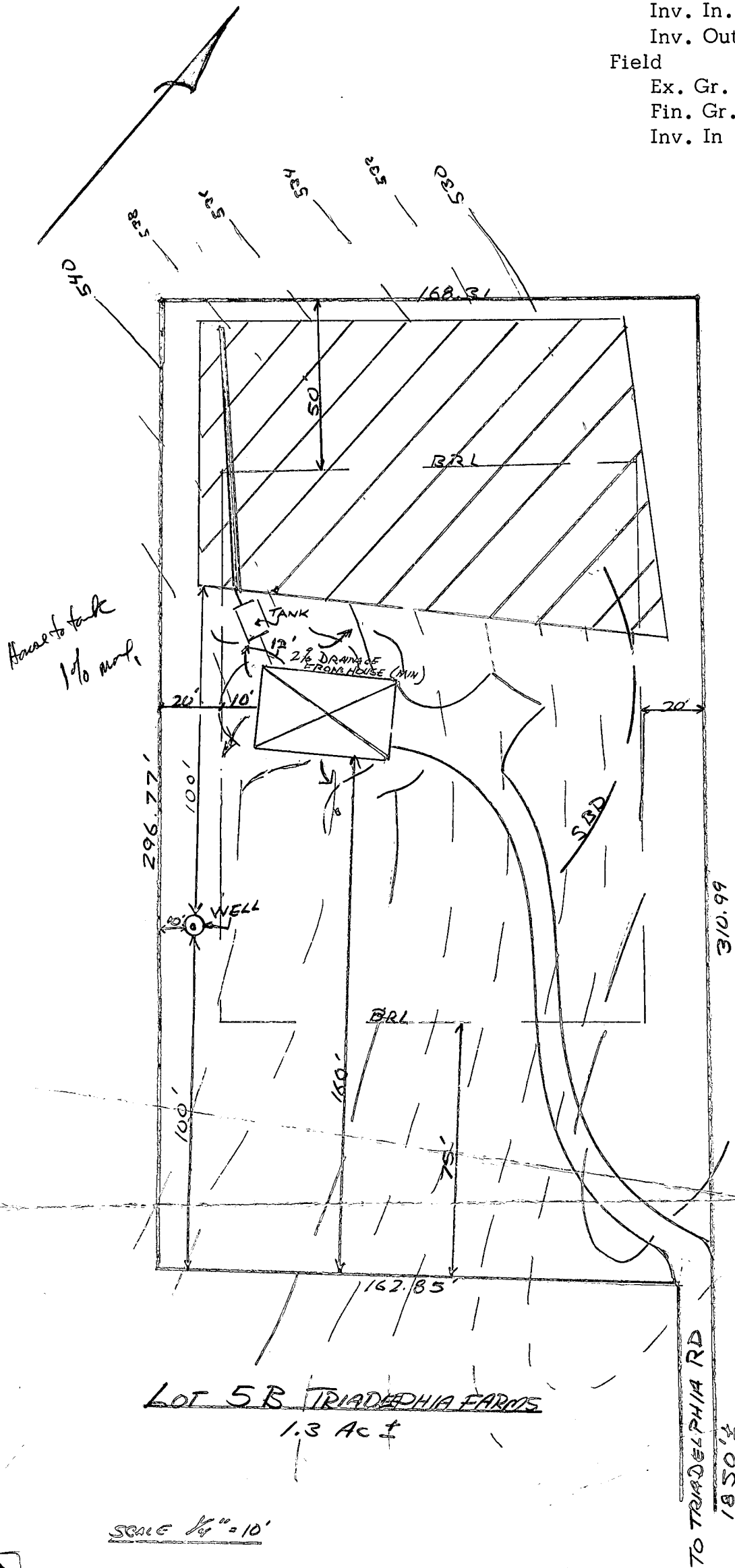
NOTE: PERCOLATION TEST HOLES SHOWN HEREON (o) HAVE BEEN FIELD LOCATED.

TITLE <b>PERCOLATION TEST PLAT</b>			
PROJECT <b>LOT 5B TRIADELPHIA FARMS II</b>			
LOCATION <b>3RD ELECTION DISTRICT</b>		<b>HOWARD COUNTY, MD.</b>	
DATE: <b>JULY, 1979</b>	DESIGN BY: -	DRAWN BY: <b>W.H.N.</b>	CHECKED BY: <b>W.G.H.</b>
SCALE: <b>1" = 100'</b>	JOB NO.: <b>77228</b>	DRAWING NO.: <b>1 OF 1</b>	

**boender associates** engineers  
surveyors  
planners

ELEVATIONS

Well	545.00'
House	
F. F.	546.00'
Base.	538.00'
Inv. Out	540.00' 538
Tank	
Ex. Gr.	542.00' 40
Fin. Gr.	542.00' 40
Inv. In.	539.50' 37.8
Inv. Out	539.10' 37.65
Field	
Ex. Gr.	542.00' 40
Fin. Gr.	542.00' 40
Inv. In	539.00' 37.3



B.P. 65723  
 signed 7-22-85

BLIND  
 AND BELIEVED  
 522

LOT 5B TRIADAPHELIA FARMS  
 1.3 Ac ±

SCALE 1/4" = 10'

TO TRIADAPHELIA RD  
 1850' ±

B 1 **6586** SEQUENCE NO. (OEP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

OEP PERMIT NUMBER  
**HO-81-1050**  
fill in this form completely

Date Received: **12/10/85**  
OWNER INFORMATION  
Mesa David  
7337 Better Hours Ct  
Columbia MD 21045

LOCATION OF WELL  
Howard  
Triadelphia Farm II  
SECTION 44 46 LOT 48 50  
Glennely  
MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION  
Wm. W. Reichart  
Wm. W. Reichart, Inc  
RD #2 Box 54 Hanover, PA 17331  
Wm. W. Reichart 5/28/85

B 4  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD: Triadelphia Rd  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD: 1900 FT  
ENTER FT or MI

WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.): 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard A35115  
COUNTY NAME COUNTY NO.  
OEP SIGNATURE STATE HEALTH INSERT S  
DATE ISSUED 060385  
CO SIGNATURE Chris Wilber 12/5/85  
NORTH GRID 523000 EAST GRID 0806000

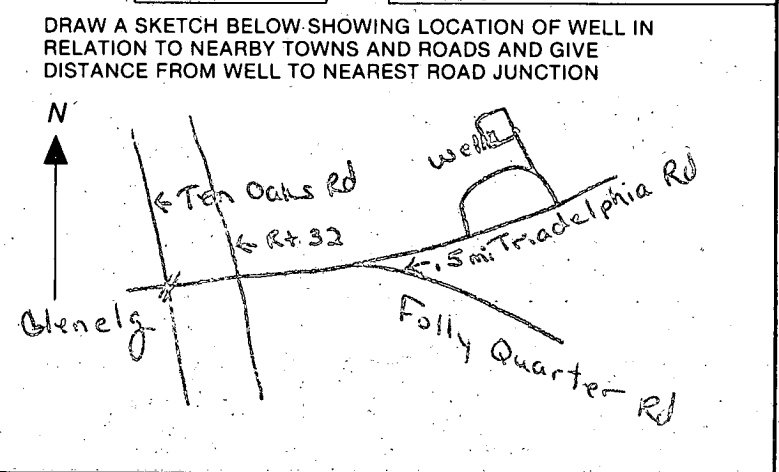
APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
CABLE REVERSE-ROTARY Drive-POINT  
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. Approved well  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 800  
N 500  
Well appears to be lower elevation than house & septic field.  
J 6/18/85

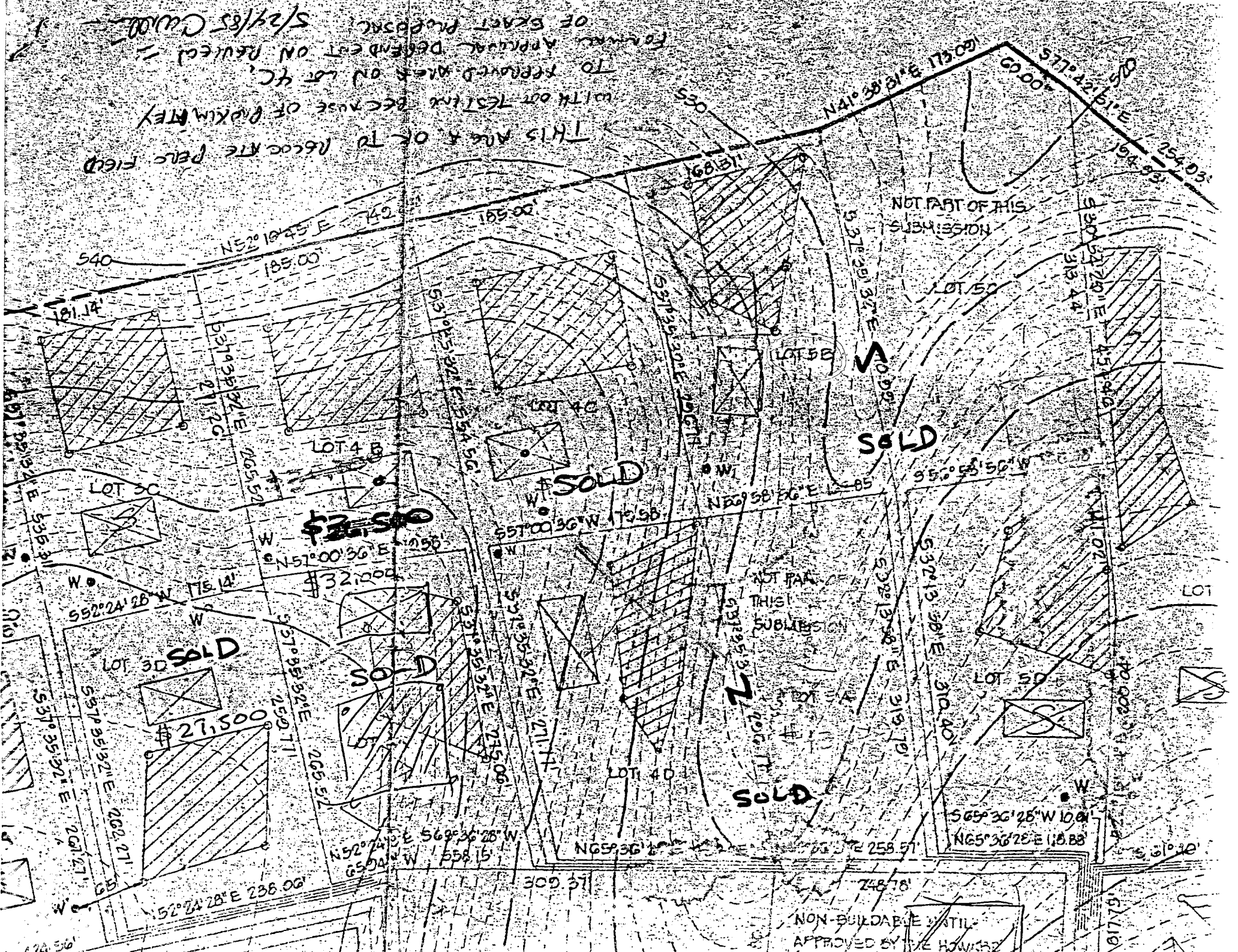
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
D THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER GAP  
FORCE CW WRITE INITIALS IN BOX PERMIT NO. HO-81-1050

SPECIAL CONDITIONS

THIS AREA OK TO RECOGNIZE PER FIELD WITH OUT TESTING BECAUSE OF PROXIMITY TO APPROVED AREA ON LOT 4C. FORMER APPROVAL DEPENDENT ON REVIEW OF EXACT PROPOSAL. 5/24/85 CUD/ML



**\$22,500**

**\$32,000**

**\$27,500**

**SOLD**

**SOLD**

**SOLD**

NOT PART OF THIS SUBMISSION

NOT PART OF THIS SUBMISSION

NON-BUILDABLE UNTIL APPROVED BY THE HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER  
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL  
DRILLER:

My well driller is not to install the pump for my water well, and I  
hereby certify that it will be my responsibility to have a Pump Permit  
taken out by a registered master plumber or certified pump installer.  
It will be my responsibility to notify the Health Department before  
and during the installation so that inspections can be made by their  
representative. (Pursuant to Chapter XVII, of the Plumbing Code of  
Howard County.)

David L. Mesa

(Name) DAVID L. MESA

7338 BETTER HOURS CT. COLUMBIA, MD

(Address)

21045

HO-87-1050

(OEP Well Permit Number)

6/8/85

(Date)



11/7/85 Well Pump Inspector

Noticed Well Pump installation Ready  
but no paperwork

① Tag #1081050 is OK

② Puller OK

③ Vane OK

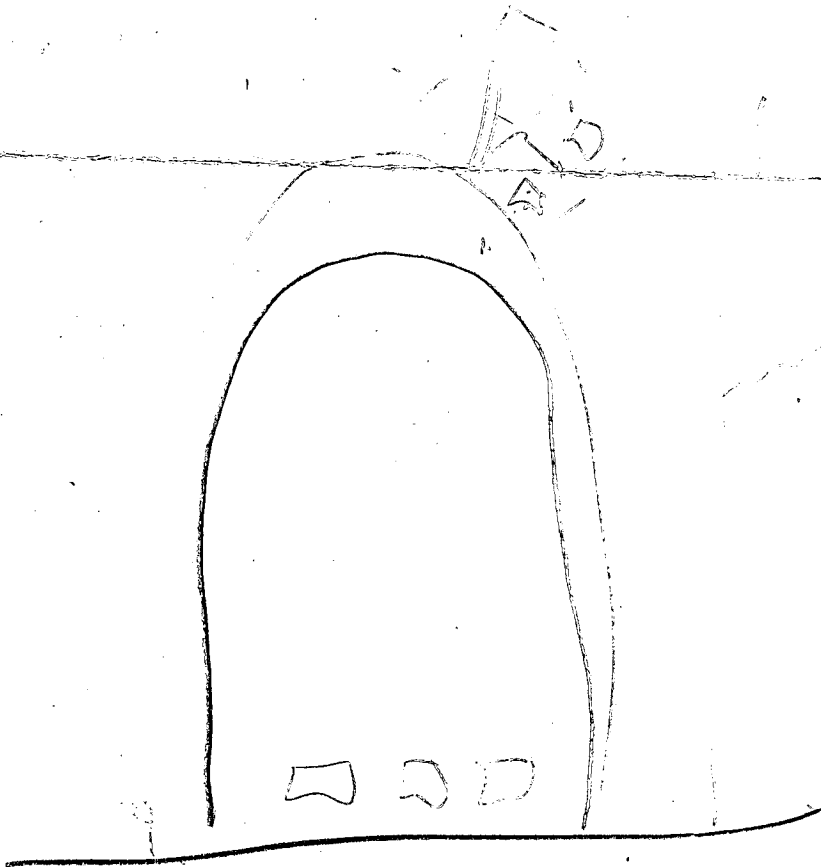
④ Pressure Tank not yet installed





RECEIVED  
HOWARD COUNTY  
REALTY DEPT  
ELICOTT CITY, MD.

JUN 21 12 21 PM '85



mileage 678.7  
↓  
Triadelphia