

6/2/86 #2 11/15
Approved
S. Abel
+ 12 PM

05-391326

6-2-86
Approved
S. Abel

PERMIT

P 37083

A 36493

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

~~902-2330~~

461-9933

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 5/28/86

Dave Hopkins

IS PERMITTED TO INSTALL X ALTER

ADDRESS 2724 Jennings Chapel Road, Woodbine, Md. PHONE 831-5788

SUBDIVISION Kennard Warfield Property ROAD 4280 TEN OAKS RD LOT 5

PROPERTY OWNER Capitano Builders

ADDRESS 4280 Ten Oaks Rd.

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trenches to be 2 feet wide. Inlet 3 feet below
grade. Bottom maximum depth 9 feet below grade. Effective area begins at
3 feet below original grade. 6 feet of stone below the distribution pipe.

LOCATION - Place the distribution box or place the trench 320 feet from the back
corner of the 456.91 ft. lot line and 285.38 ft. lot line and 400 feet

from the left (1263.85') lot line as seen when facing the lot from Ten
Oaks Rd. Run trench(s) on contour toward the same back corner.

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 before and after
gravel is installed. Provide 6"-8" diameter cleanout and cap to grade
or above on septic tank.
May install trench in one 106 foot length. 14/86

PLANS APPROVED BY Sid Abel DATE 3/6/86

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: 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.

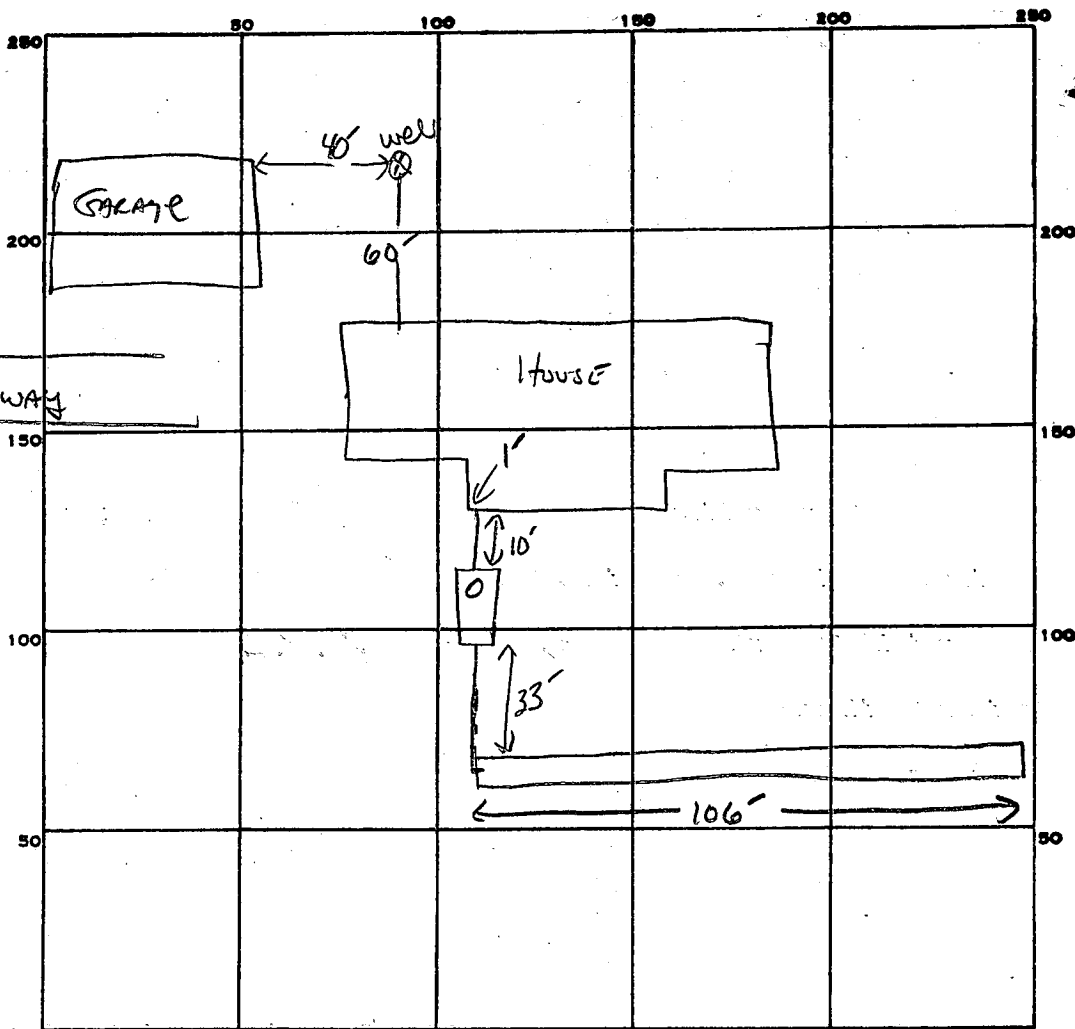
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA. OR
PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

CALL 902-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 36493



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL 1500 GAL ☒

CLEANOUTS 151

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FE IN. TOTAL LENGTH 106 FT.

NUMBER OF TRENCHES 1 ONE SIDE WALL TOTAL BOTTOM AREA 636 π

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

ABSORBENT AREA 636 SQ. FT.

REMARKS 6/2/86 OK to ADD STONE TO TRENCH

DATE SYSTEM APPROVED

6-2-86

INSPECTOR

S. Aul

SUBDIVISION: KENNARD WARFIELD PROP.LOT NUMBER: 5TEN OAKS Rd. DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench.
 No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES158 sq. ft./bedroomTrench to be 2 wide.Inlet 3 feet below original grade.Bottom maximum depth 9 feet below original grade.Effective area begins at 3 feet below original grade.6 feet of stone below distribution pipe.

4BR

NO DISPOSAL

OK TO USE ONE 106' TRENCH

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX OR START THE TRENCH 320 FT FROM
THE BACK CORNER OF THE 456.91' LOT LINE AND 285.38 FT LOT LINE
AND 400 FT FROM THE LEFT (1263.88') LOT LINE AS SHOWN WHEN FACING
THE LOT FROM TEN OAKS RD. RUN TRENCH(S) ON CONTOUR TOWARD
THE SAME BACK CORNER. 3-6-86 SAMP

BLDG. PERMIT SIGNED

AND RETURNED

6/13/86

Sua # 71142

APPLICATION

PERCOLATION TESTING

A 31493

P _____

DISTRICT 5

DATE 2-5-86

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

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 Kenneth Wayfield, Jr. CAPITANO

ADDRESS 14663 Philadelphia Rd - Glenelg PHONE 442-2337

PROSPECTIVE BUYER Anthony & Nancy Capitano

ADDRESS 12741 Folly Quarter Rd. PHONE 988-9178

PROPERTY LOCATION: Glenelg 21043

SUBDIVISION Lot 5 - Ten Oaks Rd. LOT NO. _____

ROAD AND DESCRIPTION Ten Oaks Rd - 1/2 mile south of Ten Oaks & Philadelphia Intersection Look for Tree Nursery

TAX MAP 22028 PARCEL # 2

SIZE OF LOT 20 1/2 acres TYPE BLDG. _____
(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.

Penelope L. Resch for Anthony Capitano
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Per OK Hold for Certificates

Must Write Letter RH B.P. #69074

BLDG PERMIT SIGNED
AND RETURNED 3-20-86

THIS IS NOT A PERMIT

2-10-86
send w/
Glenelg forces
(in PM)

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE:

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 36493

P _____

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

DISTRICT 5

DATE 2-5-86

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 Kenneth Warfield, Jr.

ADDRESS 14663 Philadelphia Rd. Glenelg PHONE 442-2337

PROSPECTIVE BUYER Anthony & Nancy Capitaro

ADDRESS 12741 Folly Quarter Rd. PHONE 988-9178

PROPERTY LOCATION:

SUBDIVISION Lot 5 - Oak Oaks Rd. LOT NO. _____

ROAD AND DESCRIPTION Oak Oaks Rd - 1/2 mile south of Oak Oaks & Philadelphia Intersection

TAX MAP 22028 PARCEL # 2

SIZE OF LOT 20 1/2 acres TYPE BLDG. _____
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

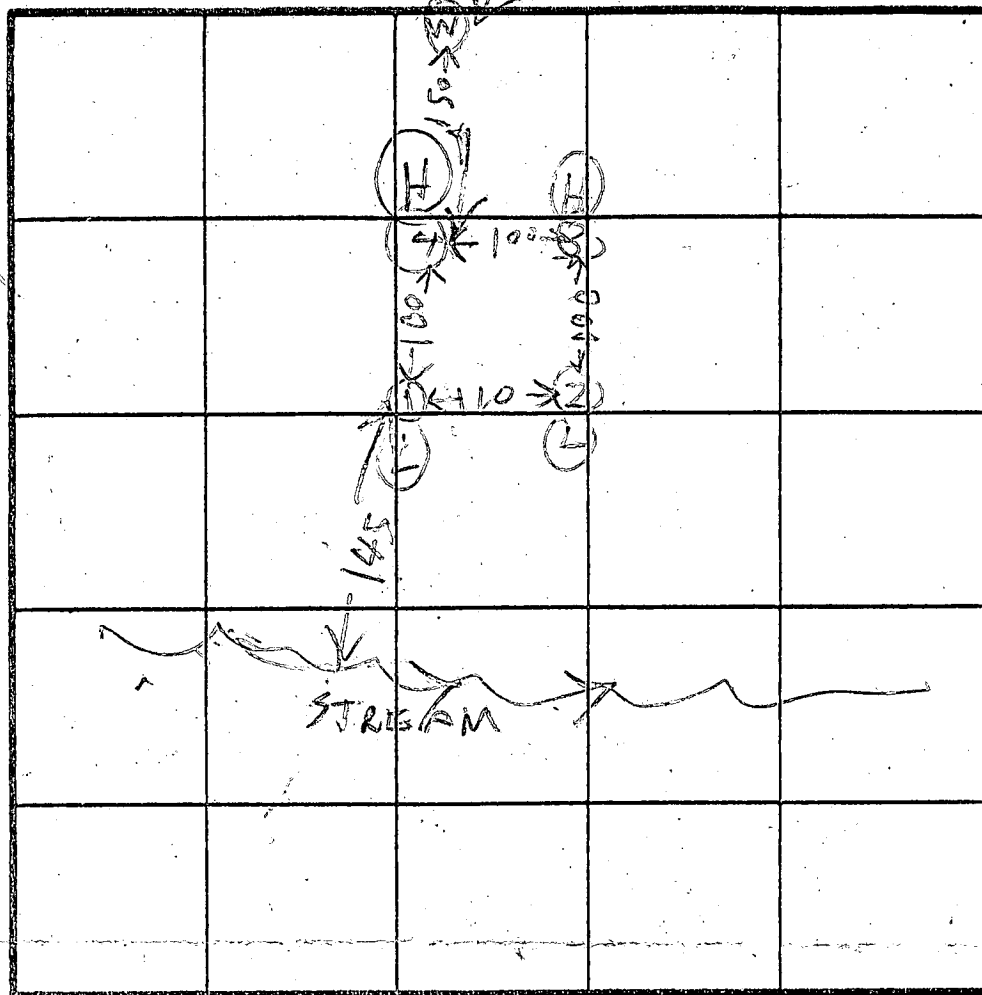
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

RED CLAY TOPSOIL
BROWN SAND LOAM & 10% SAPROLITE



SS

BROWN CLAY TOPSOIL
BROWN SAND LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/10/86	1S	4.5	309	313	313	317	4
	1V	12	LOOKS	OK	OK		
1	2S	5.5	322	330	330	341	11
	2V	13.5	LOOKS	OK	OK		
	3S	5	335	340	340	345	3
	3V	12.5	LOOKS	OK	OK		
	4S	4.5	348	352	352	353	6
	4M	8.5	348	352	352	354	6
	4V	13	LOOKS	OK	OK		

Free 6min
Inlet 3"
Bottom 9"
150 P/B

REMARKS

TYPE OF SOIL

TESTED BY

B HODGES

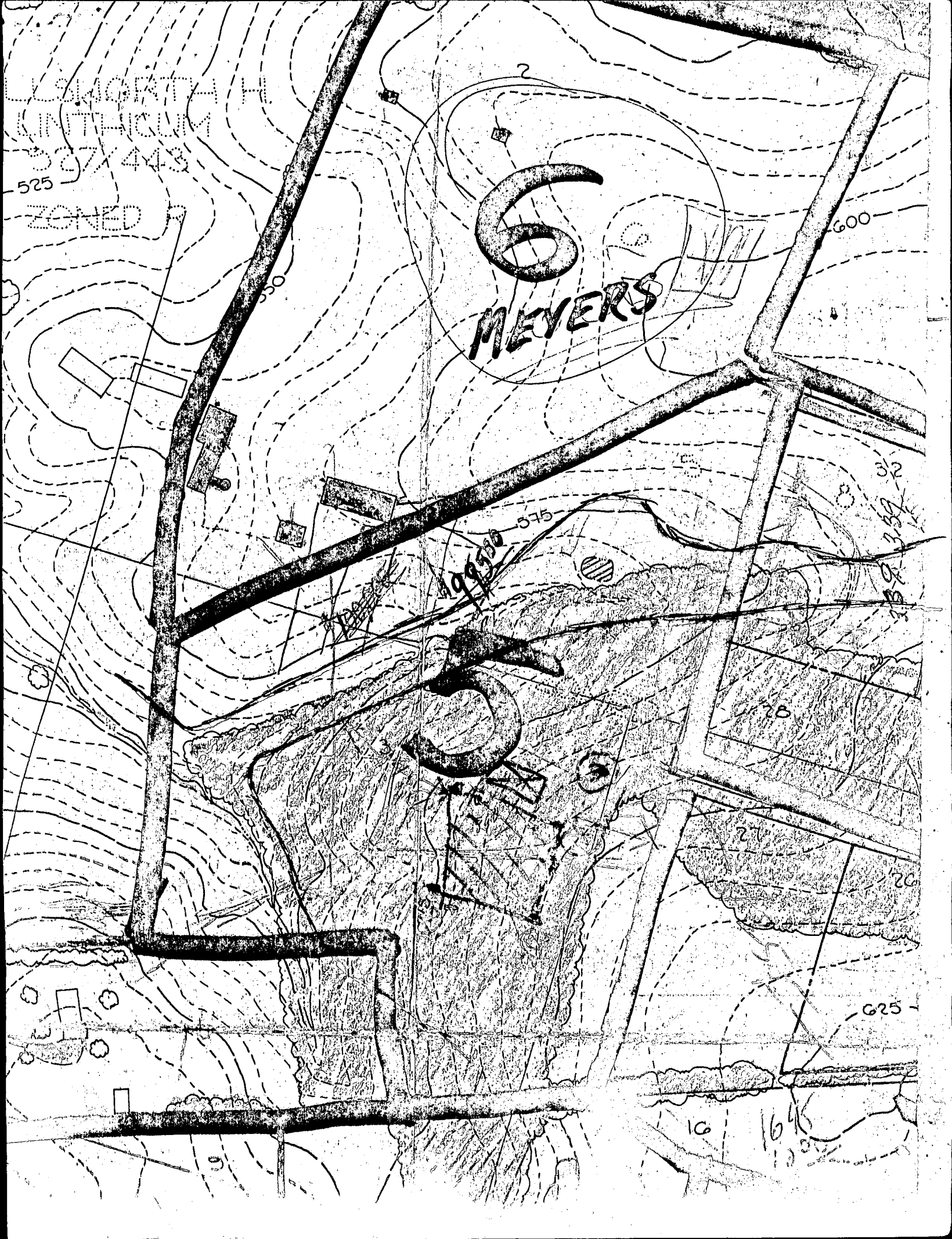
ALSO PRESENT

A CAPTAIN
KETERMAN

LS NORTH H.
LINTHICUM
327/443
525

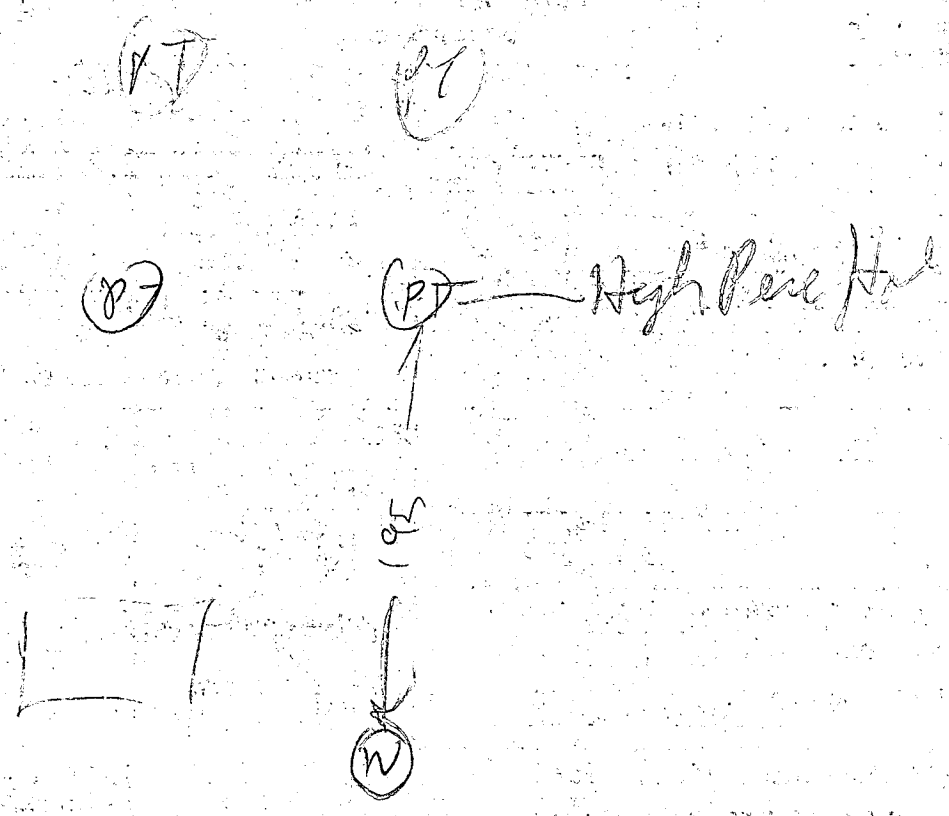
ZONED

6
MEYERS



Sample taken 1215 PM Bottle # H9627

B 1 <div style="border: 1px solid black; padding: 2px; font-size: 24px; font-weight: bold;">2392</div>	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">40-81-1252</div>
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		fill in this form completely	
Date Received <div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">1-2-86</div>		B 3 LOCATION OF WELL	
OWNER INFORMATION <div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">CAPITOL TOWN</div>		<div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">HARRIS</div>	
<div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">12241 FOLLEY SHANTER</div>		<div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">NEB WRAFFELY</div>	
<div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">ELLICOTT CITY</div>		<div style="border: 1px solid black; padding: 2px; font-size: 18px; font-weight: bold;">ALEXANDER</div>	
DRILLER INFORMATION Driller's Name: <u>W. L. Wynn</u> Firm Name: <u>W. L. Wynn (Well Drilling)</u> Address: <u>9120 Kinnon Church Rd. N. Ar.</u> Signature: <u>W. L. Wynn</u> Date: <u>Feb 19, 1986</u>		8 COUNTY 23 SUBDIVISION SECTION LOT 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town)	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		11 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD ENTER FT or MI	
APPROXIMATE DEPTH OF WELL APPROXIMATE DIAMETER OF WELL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME COUNTY NO. OEP SIGNATURE DATE ISSUED CO SIGNATURE NORTH GRID EAST GRID	
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 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	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)			
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER FORCE		SPECIAL CONDITIONS	

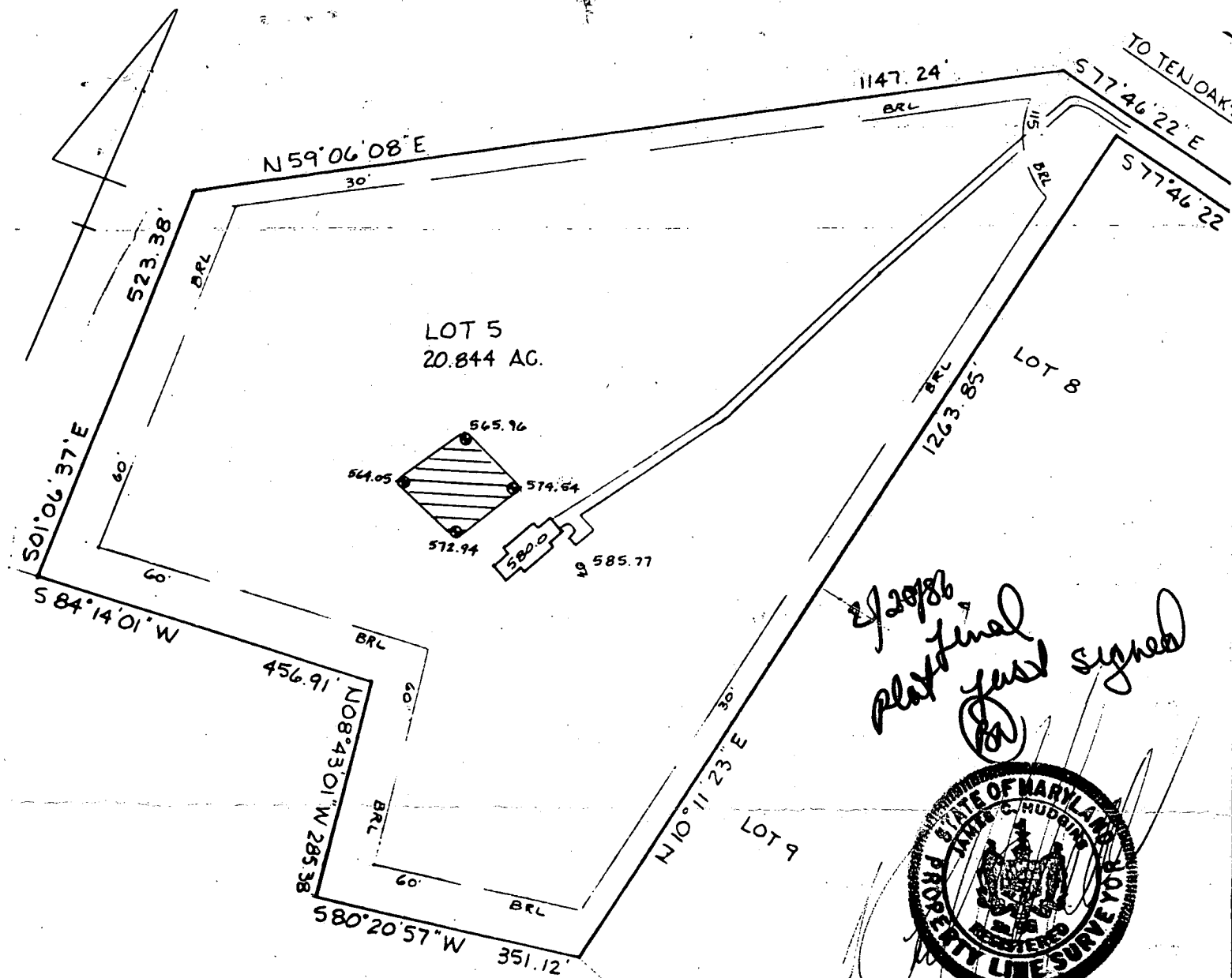



2/25/86

- ① 21 FT CASING 2 FT OUT OF GROUND
- ② 18.5 FT OPEN HOLE
- ③ LOCATION OK
- ④ 5 BAGS
- ⑤ WELL OK

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
FEB 20 2 01 PM '86
DIVISION OF
ENVIRONMENTAL
HEALTH

Rodges



 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.

APPROVED: For Private Water and Private Sewage Systems

County Health Officer

Date

PERCOLATION TEST PLAT
LOT 5
PROPERTY OF
KENNARD WARFIELD, JR. ET AL

5th Election District
Howard County, Maryland
Scale 1"=200'
Date 2/13/86

NTT Associates, Inc.
16205 Old Frederick Road
Mt. Airy, MD 21771
(301) 442-2031

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.)

Gary Caputo

(Name)

12741 Kelley Quarter Rd
ELLICOTT CITY MD
21043

(Address)

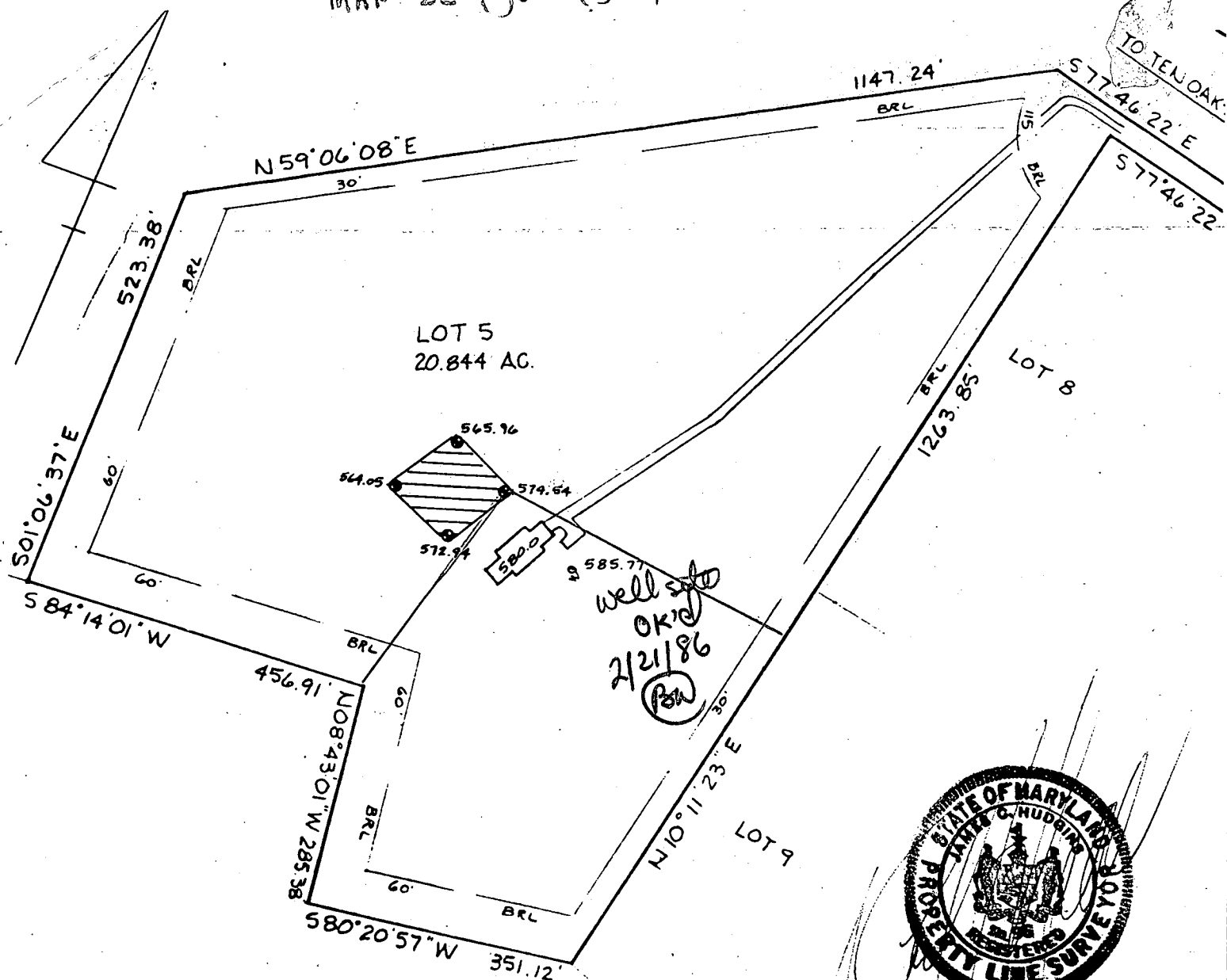
HO 81 1353


(OEP Well Permit Number)

Feb 19 1986

(Date)

MAP 22 (2)802 (A)516/17



 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.

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County Health Officer

Date

PERCOLATION TEST PLAT
LOT 5
PROPERTY OF
KENNARD WARFIELD, JR. ET AL

5th Election District
Howard County, Maryland
Scale 1"=200'
Date 2/13/86

NTT Associates, Inc.
16205 Old Frederick Road
Mt. Airy, MD 21771
(301) 442-2031

James C. Hubbins 2-14-86

SUBDIVISION:

KEN WARFIELD PROPERTY
TEN OAKS RD

LOT NUMBER: 5

A 36493

DRY WELL OR DRY WELL AND TRENCH(PENC RECORDS NOT
AVAILABLE THIS DATE) CW

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____ sq. ft./bedroom
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench.
No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 8½ feet below original grade.

Effective area begins at 3 feet below original grade.

5½ feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 410' FROM THE
LEFT (1263.8') LOT LINE AND 275' FROM THE INTERSECTION
OF THE BACK (456.9' AND 285.3') LOT LINES. RUN
TRENCH(S) ALONG CONTOUR TOWARD REAR OF PROPERTY.

6/6/86 CW Allan

C1 00889	SEQUENCE NO. (OEP USE ONLY)	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.
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		COUNTY NUMBER A-36493	
DATE Received <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px;"></div>		PERMIT NO. FROM "PERMIT TO DRILL WELL" <div style="border: 1px solid black; padding: 2px;"> HO-81-1353 </div>	
DATE WELL COMPLETED <div style="border: 1px solid black; padding: 2px;"> 022586 </div>		Depth of Well 22 <div style="border: 1px solid black; padding: 2px;">290</div> 26 (TO NEAREST FOOT)	
OWNER CAPITANO last name TONY first name STREET OR RFD NEW OAKS RD TOWN GLENDEL SUBDIVISION KENNARD WARFIELD JR SECTION --- LOT 5			

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			GROUTING RECORD WELL HAS BEEN GROUTED Y N (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 5 NO. OF POUNDS 500 GALLONS OF WATER 38 DEPTH OF GROUT SEAL (to nearest foot) from <div style="border: 1px solid black; padding: 2px;">0</div> ft. to <div style="border: 1px solid black; padding: 2px;">18</div> ft. (enter 0 if from surface)			C 3 PUMPING TEST HOURS PUMPED (nearest hour) <div style="border: 1px solid black; padding: 2px;">3</div> PUMPING RATE (gal. per min. to nearest gal.) <div style="border: 1px solid black; padding: 2px;">19</div> METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING <div style="border: 1px solid black; padding: 2px;">25</div> WHEN PUMPING <div style="border: 1px solid black; padding: 2px;">28</div> TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">Check if water bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>0</td> <td>2</td> <td></td> </tr> <tr> <td>Sandy</td> <td>2</td> <td>11</td> <td></td> </tr> <tr> <td>Sand Stone</td> <td>11</td> <td>18</td> <td></td> </tr> <tr> <td>Micka</td> <td>18</td> <td>20</td> <td></td> </tr> <tr> <td>Sand Stone</td> <td>20</td> <td>25</td> <td>✓</td> </tr> <tr> <td>Micka</td> <td>25</td> <td>200</td> <td></td> </tr> </tbody> </table>			DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing	FROM	TO	Top Soil	0	2		Sandy	2	11		Sand Stone	11	18		Micka	18	20		Sand Stone	20	25	✓	Micka	25	200		CASING RECORD <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center;"> casing types insert appropriate code below </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">ST</div> <div style="border: 1px solid black; padding: 2px;">CO</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">PL</div> <div style="border: 1px solid black; padding: 2px;">OT</div> </div> <div style="display: flex; justify-content: space-between;"> <div> MAIN CASING TYPE PL </div> <div> Nominal diameter top (nearest inch) 6 </div> <div> Total depth of main casing (nearest foot) 21 </div> </div>		
DESCRIPTION (Use additional sheets if needed)	FEET			Check if water bearing																															
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Top Soil	0	2																																	
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Sand Stone	20	25	✓																																
Micka	25	200																																	
SCREEN RECORD screen type or open hole ST BR HO insert appropriate code below <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">STEEL</div> <div style="border: 1px solid black; padding: 2px;">BRASS</div> <div style="border: 1px solid black; padding: 2px;">OPEN HOLE</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">PL</div> <div style="border: 1px solid black; padding: 2px;">OT</div> </div> <div style="display: flex; justify-content: space-between;"> <div> C 2 EACH SCREEN 1 <div style="border: 1px solid black; padding: 2px;">H0</div> 2 <div style="border: 1px solid black; padding: 2px;"></div> 3 <div style="border: 1px solid black; padding: 2px;"></div> </div> <div> DEPTH (nearest ft.) 11 <div style="border: 1px solid black; padding: 2px;">19</div> 15 <div style="border: 1px solid black; padding: 2px;">20</div> 21 <div style="border: 1px solid black; padding: 2px;">20</div> </div> </div>			PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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) <div style="border: 1px solid black; padding: 2px;">31</div> <div style="border: 1px solid black; padding: 2px;">35</div> PUMP HORSE POWER <div style="border: 1px solid black; padding: 2px;">37</div> <div style="border: 1px solid black; padding: 2px;">41</div> PUMP COLUMN LENGTH (nearest ft.) <div style="border: 1px solid black; padding: 2px;">43</div> <div style="border: 1px solid black; padding: 2px;">47</div> CASING HEIGHT (circle appropriate box and enter casing height) <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">+</div> <div style="margin: 0 5px;">above</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">-</div> <div style="margin: 0 5px;">below</div> </div> LAND SURFACE <div style="border: 1px solid black; padding: 2px;">2</div> (nearest foot)																																
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 10.17.13 "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.			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) <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p style="text-align: center;">Property Line</p> <p style="text-align: center;">780'</p> <p style="text-align: center;">oc</p> <p style="text-align: center;">180'</p> <p style="text-align: center;">Well</p> <p style="text-align: right;">Road</p> </div>																																
DRILLERS IDENT. NO. 223 DRILLERS SIGNATURE Ralph Mayne (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)			GRAVEL PACK --- from --- to --- IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68 OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T 70 (E.R.O.S.) 72 WQ 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA																																

Well Permit No. HO - 81-1353
Location of property (road) TEN OAKS RD
Subdivision KENNARD WARFIELD SR Lot 5 Block Plat Sec.
Well Driller RALPH MAYNE Owner CAPITANO, TONY

Depth of well 200 ft
Distance of measuring point (M.P.) above ground _____
Static water level (S.W.L.) below M.P. 25 ft

- High rate pumping -- reservoir drawdown
- Time pump started 11:00 Pumping rate 10 G.P.M.
- Total time 15 min to reach pumping water level 28 ft. below M.P.

- II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

2177 8 bars

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

February 13, 1986

Mr. Anthony Capitano
12741 Folly Quarter Road
Glenelg, Maryland 21043

RE: Kennard Warfield
Subdivision - Lot 5
Ten Oaks Road

Dear Mr. Capitano:

Percolation testing conducted February 10, 1986 on the above referenced lot indicated satisfactory soil conditions.

Approval of the lot is contingent upon submission by a registered engineer of a plat showing certified test hole locations and a suitable house and well site.

This should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director
Water and Sewerage Program

CW/RH:JR

PLAT RECEIVED AND REVIEWED SATISFACTORILY

2/13/86 C.W.

6/2/86
AM - LATE

PERMIT

P 37083

A 36493

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

~~992-2330~~ 461-9933

ELLICOTT CITY

DISTRICT 5th

DATE 5/28/86

Dave Hopkins IS PERMITTED TO INSTALL X ALTER

ADDRESS 2724 Jennings Chapel Road, Woodbine, Md. PHONE 831-5788

SUBDIVISION Kennard Warfield Property ROAD LOT 5

PROPERTY OWNER Capitano Builders

ADDRESS 4280 Ten Oaks Rd.

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

GARBAGE GRINDER? YES NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trenches to be 2 feet wide. Inlet 3 feet below
grade. Bottom maximum depth 9 feet below grade. Effective area begins at
3 feet below original grade. 6 feet of stone below the distribution pipe.

LOCATION - Place the distribution box or place the trench 320 feet from the back
corner of the 456.91 ft. lot line and 285.38 ft. lot line and 400 feet

from the left (1263.85') lot line as seen when facing the lot from Ten
Oaks Rd. Run trench(s) on contour toward the same back corner.

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 before and after
gravel is installed. Provide 6"-8" diameter cleanout and cap to grade
or above on septic tank.
May install trench in one 106 foot length. *AK/83*

PLANS APPROVED BY Sid Abel DATE 3/6/86

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: 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.

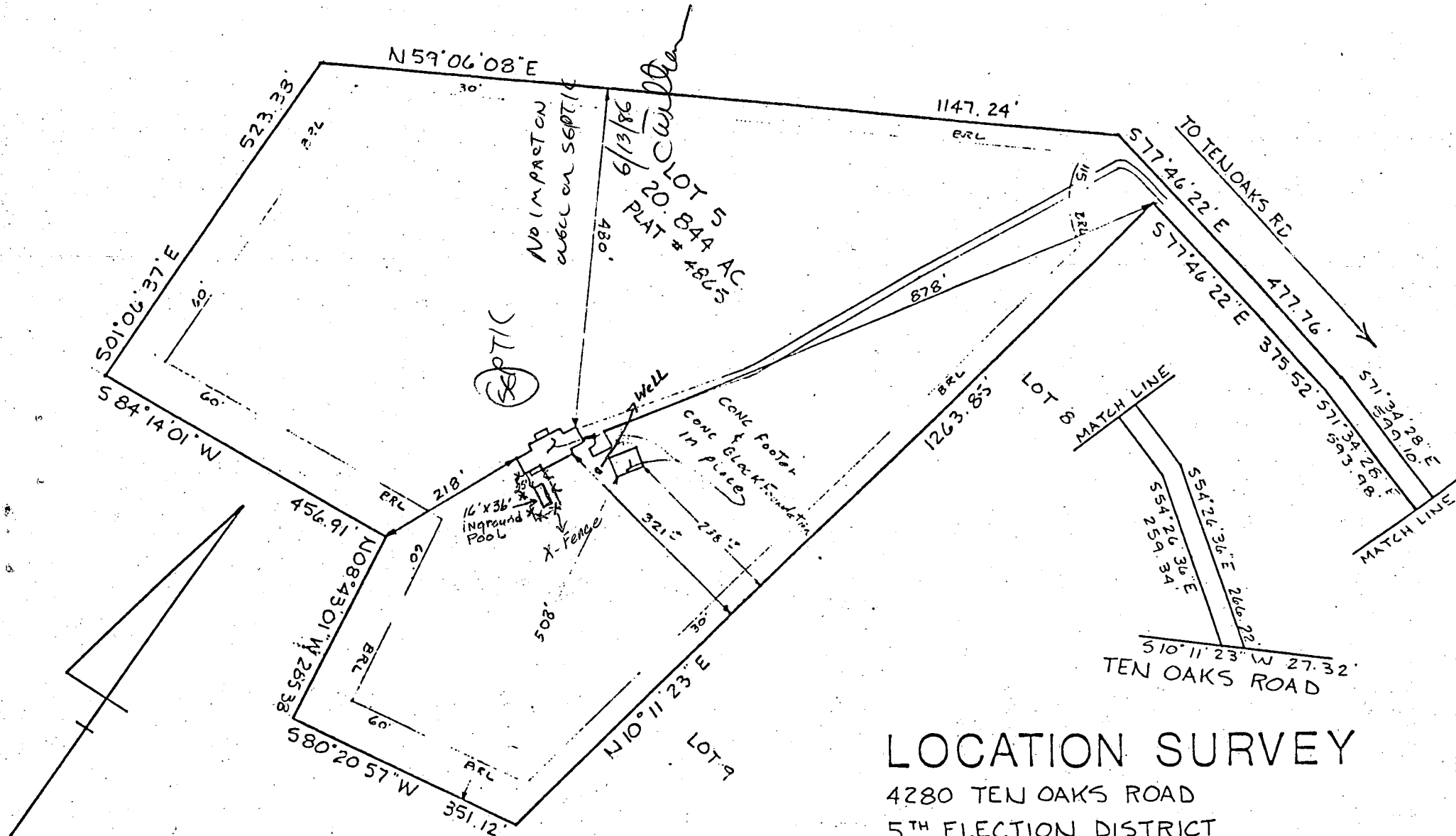
PERMIT VOID AFTER THREE YEARS.

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

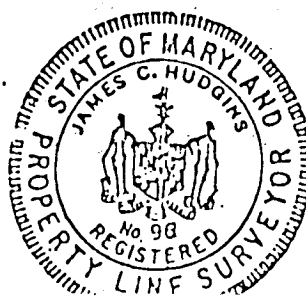


LOCATION SURVEY

4280 TEN OAKS ROAD
5TH ELECTION DISTRICT
HOWARD COUNTY, MD.

This is to certify that I have surveyed the property known as lot # 5
KENNARD WARFIELD, JR. ET AL
sheet 2 of 2, recorded AS PLAT 1865 among the
land records of HOWARD County, Maryland for the purpose
of locating the improvements thereon.

Paul H. Huggins



THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE
CONTAINED WITHIN THE OUTLINES OF THE LOT AND
IS NOT TO BE USED TO ESTABLISH PROPERTY LINES.

NTT ASSOCIATES INC. 16205 OLD FREDERICK ROAD
MT. AIRY, MARYLAND PHONE 646-5521 or 442-2031

SCALE 1" = 200'

FIELD BY RIK

DRAWING NUMBER

6/11/86

AM

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

6/11/86 Cannot access property - Road just paved and blocked. Status

New Installation ☒
Replacement ☐

Receipt #
Date 6/10/86

Name of Installer J & R Plumbing & Heating Inc Telephone 725-2392

License number 7079
Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Anthony Caputo Telephone 988-9178
Subdivision ☐ Lot # Parcel Well tag # ☐

Site Address 4280 Jencks Rd
Dayton Md 21036

Pump

1. Type
a. Deep well jet ☐
b. Shallow well jet ☐
c. Submersible ☒

2. Make Jacuzzi

3. Model # ☐

4. Capacity 7 GPM

5. Pump exceeds well capacity Yes ☐ No ☒

6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☐ Other ☐

Motor

1. Horsepower 1/2

2. RPM ☐

3. Voltage ☐

a. 110 ☐

b. 220 ☒

Pitless Adapter

1. Make Howard

2. Model # ☐

3. Depth 4'

Tank

1. Capacity 429 gal Equil.
2. Pressure relief valve? yes

Piping

1. Type Creston

2. Size 1"

3. NSF and/or BOCA Code approved yes

4. Depth of supply line 4'

Well data

1. Depth 200 ft.

2. Yield 10 GPM

3. Static water level 25 ft.

4. Will water supply be disinfected by installer? NO

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: June 10, 1986

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.