

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 43597
36183

A _____
3rd

DATE 2/08/89

DATE SYSTEM APPROVED 3/9/89

INSPECTOR C. Welch

Francis Bollinger Foyle

IS PERMITTED TO INSTALL ALTER _____

ADDRESS Bollinger Road, Westminster, Maryland 21157 PHONE 848-6527

SUBDIVISION Whitmeyer Estates ROAD 1055 Marriottsville Rd LOT 2

PROPERTY OWNER Roger Hall

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 210 Sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the first trench 300 feet from the front lot line and 40 feet from the right lot line as seen when facing the lot from Marriottsville Road. Run trenches on contour toward the left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Sid Abel DATE 2/07/89

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUDG. PERMIT SIGNED

AND RETURNED 3/5/89

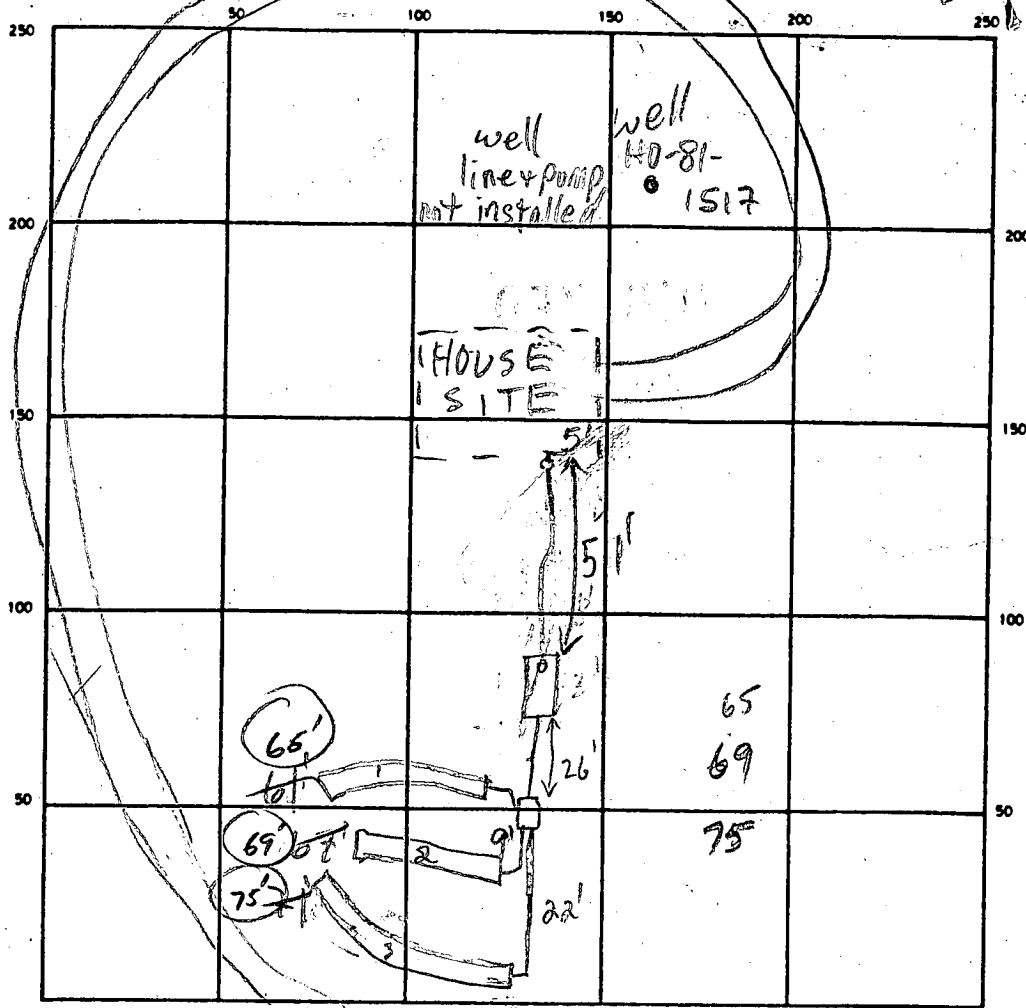
Sid Abel # BR 104277

during work additional

A 36183

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 MARRIOTTSVILLE RD

SEPTIC TANK. LEVEL OK CLEANOUTS OK
 DISTRIBUTION BOX. LEVEL OK BAFFLE IN
 DRAIN FIELD/TILE FIELD. DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.
 EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 066 } 1210 FT.
 NUMBER OF TRENCHES 3 012 } 375 } 630 SQ. FT.
 DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS 2/28/89 NO HOUSE CONN. ALL TRENCHES DUG & STONED
3/9/89 LENGTH OF TRENCHES CONFIRMED

DATE SYSTEM APPROVED 3/9/89 INSPECTOR C. Wilha

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 36183

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT _____

DATE 11/6/85

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 Daisy S. Zepp & Howard C. Zepp ROGER HALL

ADDRESS 3401 Dogwood Drive, Ellicott City, Md. 21043 PHONE 465-6566

PROPERTY LOCATION:

SUBDIVISION WHITMEYER Subdivision LOT NO. LOT #2 OF NEW PLAT

ROAD AND DESCRIPTION 1055 Marriottsville, Md.

tax map 10

SIZE OF LOT 12.55 Acres TYPE BLDG. None
(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.

Howard C. Zepp
(SIGNATURE OF APPLICANT)

APPROVED BY Frank Skerini FOR treacher DATE 11/19/85

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

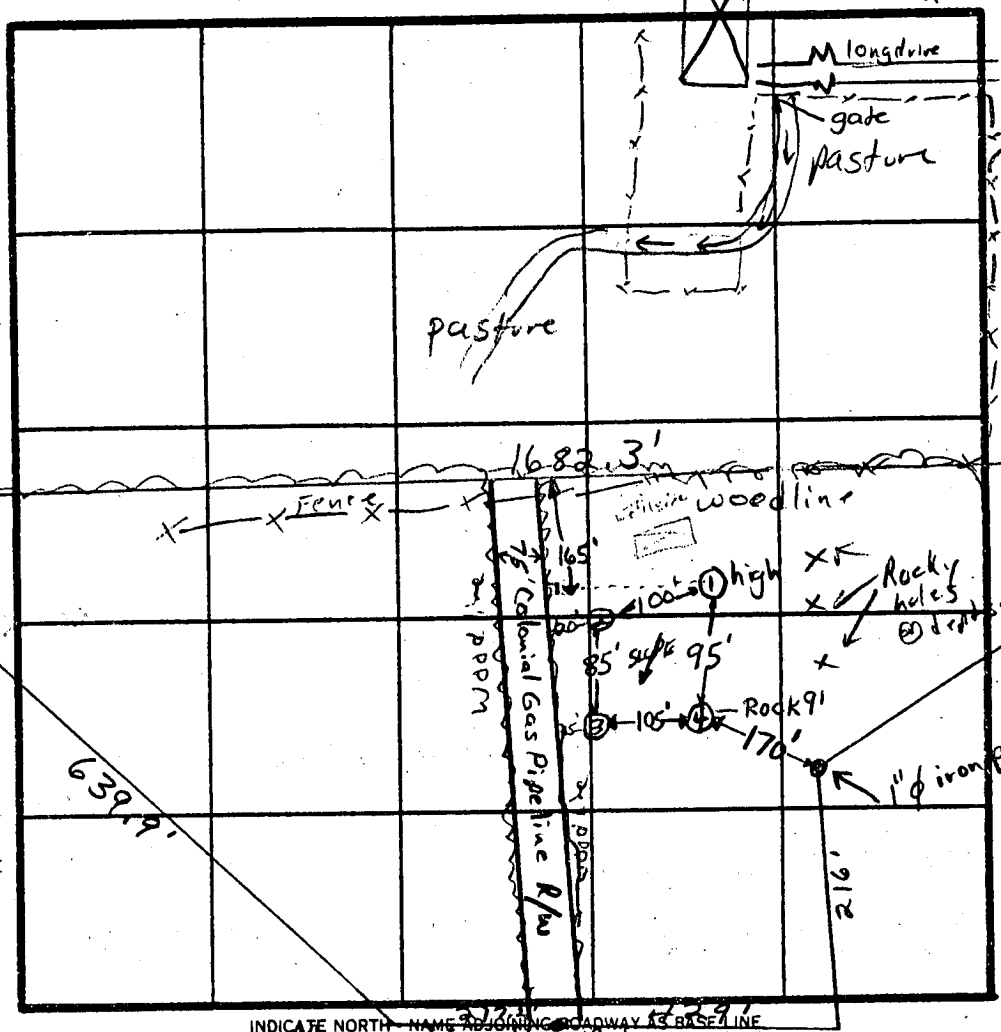
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 2-7-89

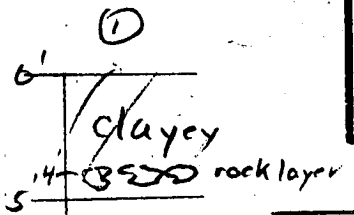
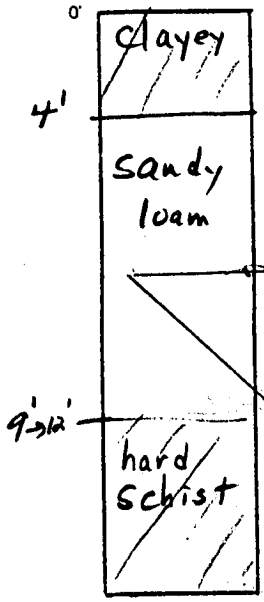
BP 23448
SMH

THIS IS NOT A PERMIT

Allen Drive
old house
just sold to
new owner



②③④
SOIL PROFILE



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE
Marriottsville Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/19/85	1 (high)	5'	3:40	3:52	Estimated @ 20 min/inch for 2nd inch	~20 min	
	1A	11'	Clayey to 3' 75'		some rocks @ 4'		sandy loam below hard stone
	2	4'-10'	Loose sandy loam		Estimated rate ~5 min/in		
	3	4' 1/2'	Loose sandy loam = few boulders				
	4	3 1/2' → 9'	Sandy loam hard rock @ 9'				

③ & ④ same

210 SQ.F

Trenches
inlet 4'
bottom 7'

EH-12-1079

REMARKS Manor Soil Services

TYPE OF SOIL MuF/MIC2

TESTED BY F ALSO PRESENT Mr. Zepp & Arnolds backh.

C1 2563 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A-36618

DATE RECEIVED

DATE WELL COMPLETED 061986

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1517

OWNER WHITMEYER JOHN last name first name STREET OR RFD MARIOTTVILLE Rd. TOWN WOODSTOCK SUBDIVISION WHITMEYER SECTION LOT 82

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), Clay (2-4), Shale x (4-25), Mica (25-45), Sand & Stone (45-55), Mica (55-110), Flint (110-115), Mica (115-130), Mica & Flint (130-140), Mixed (140-300).

GROUTING RECORD WELL HAS BEEN GROUTED (Circle appropriate box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE, CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 1000 GALLONS OF WATER 50 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 3 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST CO PL OT Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) 5 6 90

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

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

DEPTH (nearest ft.) HO 38 300 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

PUMPING TEST HOURS PUMPED (nearest hour) 4 PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 5 WHEN PUMPING 210 TYPE OF PUMP USED (for test) S submersible

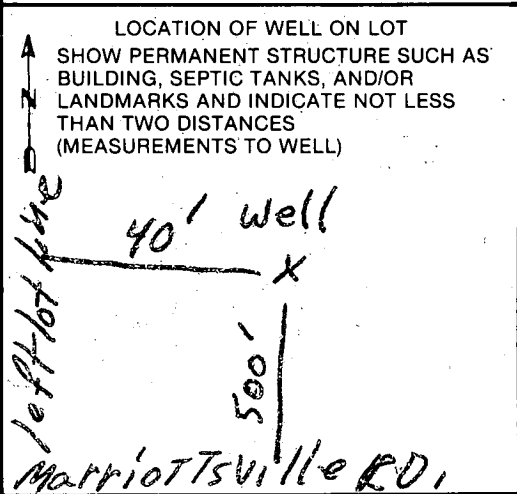
PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)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

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE George J. Esler SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA



Thursday 8:00

6-19-86

Page _____ of _____
Date _____

Review 5-4-87 SMH/d

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1517
Location of property (road) MARLBOROUGH Rd.
Subdivision WHITMEYER Lot 02 Block _____ Plat _____ Sec. _____
Well Driller G. ESTERDAY Owner John Whitmeyer

Depth of well 300 26 PM
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 51'

I. High rate pumping -- reservoir drawdown Pump set at 290' faucet
Time pump started 8:00 Pumping rate 10 GPM
Total time 30 min to reach pumping water level 135 ft. below M.P.

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

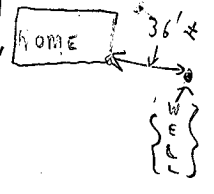
TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5/1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	135	27 sec.		2.2
8:45	135	27		2.2
9:00	135	27		2.2
9:15	135	27		2.2
9:30	135	27		2.2
9:45	135	27		2.2
10:00	135	27		2.2
10:15	135	27		2.2
10:30	135	27		2.2
10:45	135	27		2.2
11:00	135	27		2.2
11:15		Drop level to 210' per S.L.		2.2
11:30	210	27		2.2
11:45	210	27		2.2
12:00	210	27		2.2
12:15	210	27		2.2
12:30	210	27		2.2
12:45	210	27		2.2
1:00	210	27		2.2
1:15	210	27		2.2
1:30	210	27		2.2
1:45	210	27		2.2
2:00	210	27		2.2
2:15	210	27		2.2
2:30	210	27		2.2

5/22/89

Partial

See below

C.B.S.



HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Ellicott City, MD 21043
 461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X Receipt # _____
 Replacement _____ Date _____

Name of Installer EASTEN DAY Telephone _____

License Number _____
 Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner _____ Telephone _____
 Subdivision WHITMEYER SUBDIVISION Lot # 2 Well Tag # HO - 81 - 1512 ✓
 Site Address 1055 MARIOTTVILLE RD

- | Pump | Motor | Pitless Adapter |
|---|---------------------|------------------|
| 1. Type | 1. Horsepower _____ | 1. Make _____ |
| a. Deep well jet _____ | 2. RPM _____ | 2. Model # _____ |
| b. Shallow well jet _____ | 3. Voltage _____ | 3. Depth _____ |
| c. Submersible _____ | a. 110 _____ | |
| 2. Make _____ | b. 220 _____ | |
| 3. Model # _____ | | |
| 4. Capacity _____ 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 _____ | | |

- | Tank | Piping | Well data |
|---------------------------------|--|---|
| 1. Capacity _____ | 1. Type _____ | 1. Depth _____ ft. |
| 2. Pressure relief valve? _____ | 2. Size _____ | 2. Yield _____ GPM |
| | 3. NSF and/or BOCA Code approved _____ | 3. Static water level _____ ft. |
| | 4. Depth of supply line _____ | 4. Will water supply be disinfected by installer? _____ |

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: _____

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

5/22 Pitless adapter + well lines ok - only C.B.S. left card at water well.

Health Dept of Howard Co
MR CRAIG WILLIAMS

7/7/89

Dear Craig:

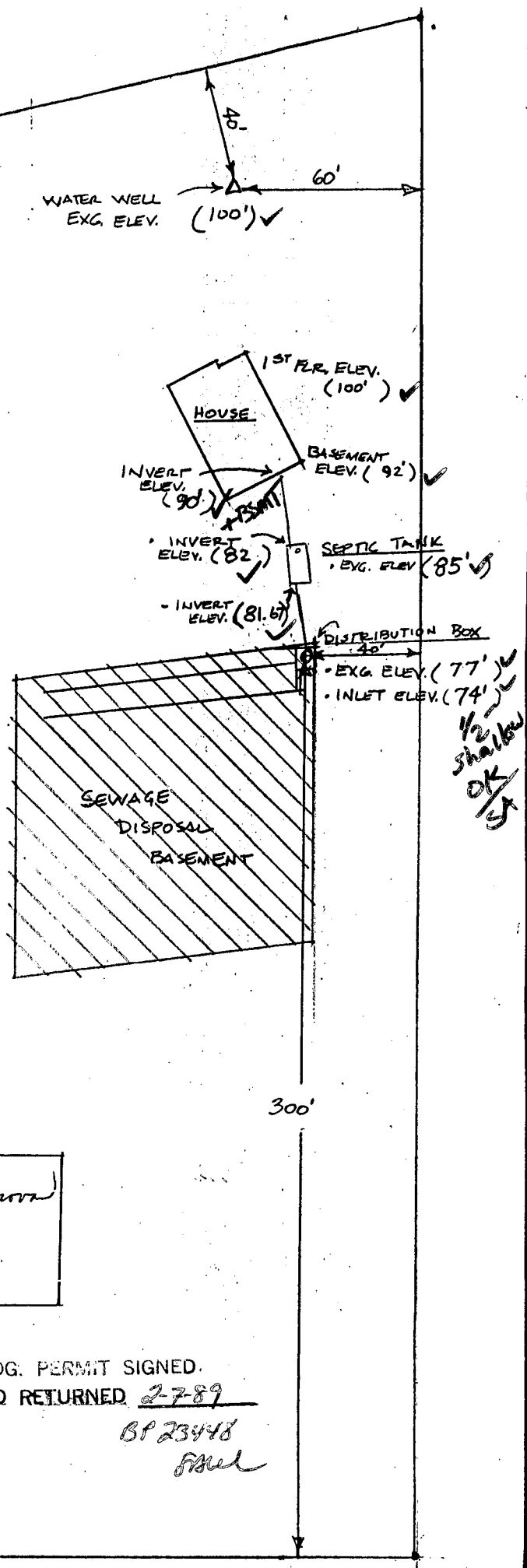
As evidenced by the second water sample taken on July 3, 1989,
a nitrate filtering system was installed to eliminate the nitrate
problem. We are forwarding to your office, a maintenance
agreement and installation specifications sheet by July 15th, 1989
for your records.

Donald E. Donovan, PRES.

DONOVAN CONSTRUCTION CO., INC

LOT 2
(3.8345 AC.)
WITTMYER ESTATES 1"=50"

OWNERS:
(ROGER & LISA HALL)



1/2
shallow
OK
SA

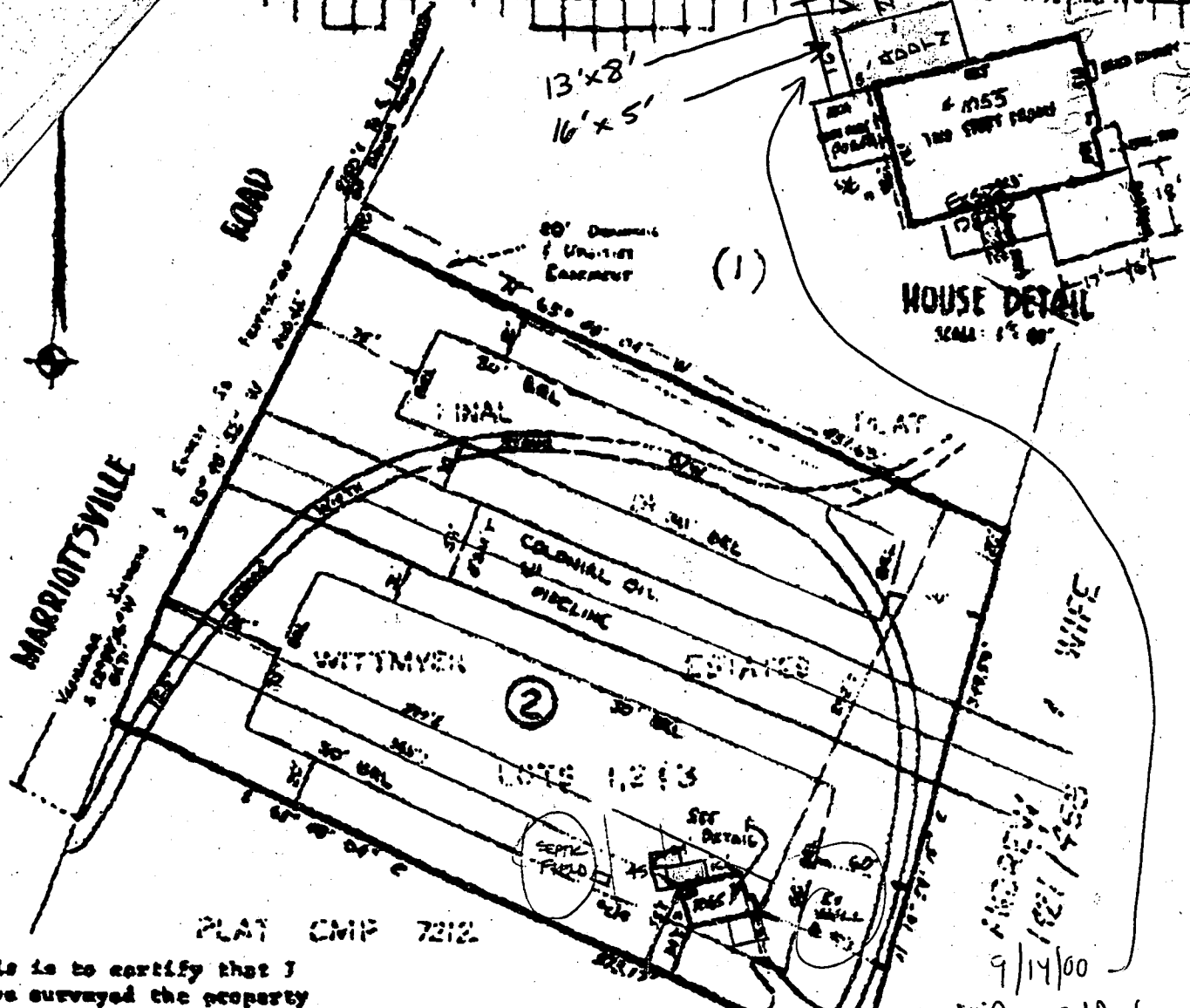
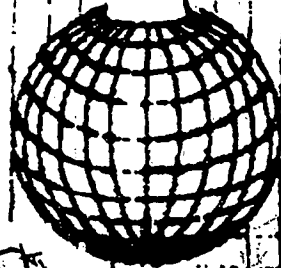
ACCURATE AS DRAWN : Donald E. Donovan
DONOVAN CONSTRUCTION CO, INC.
2/3/89

BUDG. PERMIT SIGNED.
AND RETURNED 2-7-89
BP 23448
fml

K AND ASSOCIATES AND CIVIL ENGINEERING

10 EAST MAIN STREET, P.O. BOX 106
WESTMINSTER, MARYLAND 21157
TELEPHONE: WESTMINSTER 648-2778

BALTIMORE 974-1275



PLAN CNP 7212

This is to certify that I have surveyed the property shown hereon, known as 1055 Marriottsville Road, located in the 3-rd Election District of Howard County

(3)

Maryland for the purpose of locating the improvements only and the improvements are located as shown. Exact property corners have not been established or set.

SEPTIC FIELD
ELEVATION ~ 10'
BELOW BASEMENT OF HOUSE

9/14/00
Proposed Deck has no impact to well or septic
OKSRM

The subject property does not lie within a Flood Hazard Zone as shown on Flood Insurance Rate Map No. 240046-0010R, dated December 4, 1988.

Westminster, this 10-th day of November, 1992

Jeffrey V. Jaras

JEFFREY V. JARAS

