

05-407060

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41512

A 37263

DISTRICT 5th

DATE 4/13/88

DATE SYSTEM APPROVED 4-25-88

INSPECTOR JEN

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

C. C. Cissel IS PERMITTED TO INSTALL X ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland 21029 PHONE 854-2006

SUBDIVISION Hickory Hill Farm ROAD 12578 Marlow Rd - per Avis Corbin LOT 6

PROPERTY OWNER Mr. and Mrs. Raymond Varney

ADDRESS _____

**BUILDING PERMIT SIGNED
AND RETURNED**

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

GARBAGE GRINDER? YES _____ NO X

*317104 800146711-FINISH BASEMENT
190
120*

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. 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 - SHALLOW SYSTEM PREFERRED. Beginning from right front lot corner, place 1st trench 240 feet down the right (543.85') lot line and 70 feet off the line as seen when facing property from Marlow Road. Run trenches along contour towards the rear/right lot corner.

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

PLANS APPROVED BY Bert Nixon DATE 6/05/87

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 TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 37263

4/20/88

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 Replacement
Receipt # 41561
Date 4/25/88
Name of Installer ROBERT L. FREEZER CO., INC. Telephone 781-4655
License Number 2122
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner RAY WARNEY Telephone 997-0700
Subdivision WHEAT RIDGE Lot # 6 Well Tag #
Site Address 12524 Marlow Rd MICROBY MILL FARM

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make JENCO (GRISWOLD)
3. Model # 4XLN
4. Capacity 5 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
2. RPM
3. Voltage
a. 110
b. 220

Pitless Adapter
1. Make
2. Model #
3. Depth

Tank CAPTIVE AIR
1. Capacity WX-350
2. Pressure relief valve? YES

Piping
1. Type Poly.
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 42'

Well data
1. Depth 330 ft.
2. Yield 1.5 GPM
3. Static water level ft.
4. Will water supply be disinfected by installer? YES

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: Robert L. Freezer R.L.F. Co., Inc.

Date: 4/20/88

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

APR 25 10 35 AM '88
HEALTH DEPARTMENT

C1 5914 (THIS NUMBER IS TO BE PUNCHED IN COLS. 9-6 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 A 37263

DATE Received DATE WELL COMPLETED 102687

Depth of Well 33 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2113

OWNER VARNLEY RAYMOND STREET OR RFD MARLOW ROAD TOWN FULTON SUBDIVISION HICKORY HILL FARM SECTION LOT 6

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 (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 1.5

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Dirt, Soft Brown Mica, Blue Mica Schist, Opening, Blue Mica Schist.

NO. OF BAGS 24 NO. OF POUNDS 2256 GALLONS OF WATER 144 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 72 ft.

METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 28

CASING RECORD casing types insert appropriate code below STEEL CONCRETE PLASTIC OTHER

WHEN PUMPING 256 deeper to shallower TYPE OF PUMP USED (for test) S submersible

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) S T 6 74

C centrifugal R rotary O other (describe below) J jet S submersible

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

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

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

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

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon)

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.

DEPTH (nearest ft.) 227 SLOT SIZE 10 DIAMETER OF SCREEN (NEAREST INCH)

PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 2 (nearest foot)

DRILLERS IDENT. NO. 256 Dana Kyker, Jr. II DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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)

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

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

DRY HOLE - 400 FT. LIME KILN RD.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2113
 Location of property (road) MARLOW ROAD
 Subdivision HICKORY HILL ROAD Lot 6 Block Plat Sec.
 Well Driller DANA KYKER JR. Owner VARNEY, RAYMOND

Depth of well 330'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 28

I. High rate pumping -- reservoir drawdown

Time pump started 8:40 Am Pumping rate 15
 Total time 45 Mins. to reach pumping water level 281 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 <u>5</u> /gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:40	28	4 Sec.		15
8:55	129	4 Sec.		15
9:10	223	5 Sec.		12
9:25	281	38 Sec.		1.5
9:40	280	38 Sec.		1.5
9:55	279	38 Sec.		1.5
10:10	278	38 Sec.		1.5
10:25	276	38 Sec.		1.5
10:40	275	38 Sec.		1.5
10:55	274	38 Sec.		1.5
11:10	273	38 Sec.		1.5
11:25	272	38 Sec.		1.5
11:40	271	38 Sec.		1.5
11:55	270	38 Sec.		1.5
12:10	269	38 Sec.		1.5
12:25	268	38 Sec.		1.5
12:40	267	38 Sec.		1.5
12:55	266	38 Sec.		1.5
1:10	265	38 Sec.		1.5
1:25	264	38 Sec.		1.5
1:40	263	38 Sec.		1.5
1:55	262	38 Sec.		1.5
2:10	261	38 Sec.		1.5
2:25	260	38 Sec.		1.5

B 1 9535

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-81-2113

fill in this form completely

Date Received

Empty date box

OWNER INFORMATION

VARNLEY RAYMOND E

8513 PINELAWN DR.

LAUREL MD 210747

B 3

LOCATION OF WELL

HOWARD

HOWARD HILL FARM

SECTION LOT

FULTON

MILES FROM TOWN 1.5 MI

DRILLER INFORMATION

Dana Kyker, Jr. II

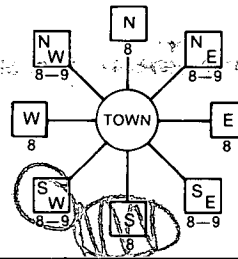
Westminster Rotary Well Drilling, Inc.

Box #861., Westminster, Md. 21157

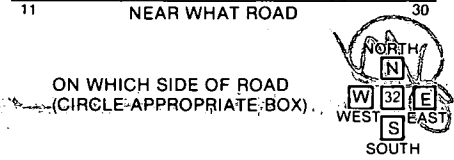
Signature Date

B 4

DIRECTION OF WELL FROM TOWN



Marlow Road



DISTANCE FROM ROAD ENTER FT or MI

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home, Farming, Industrial, Public or Private Water Company, Test, Observation, Monitoring

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME, A 37263 COUNTY NO., OEP SIGNATURE, DATE ISSUED, CO SIGNATURE, EXP. DATE, NORTH GRID, EAST GRID

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored, Jetted, Air-Rotary, Air-Per percussion, Rotary, Cable, Reverse-Rotary, Drive-Point

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- Not replace, Replace and seal, Replace as standby, Deepen, Permit number of well to be replaced

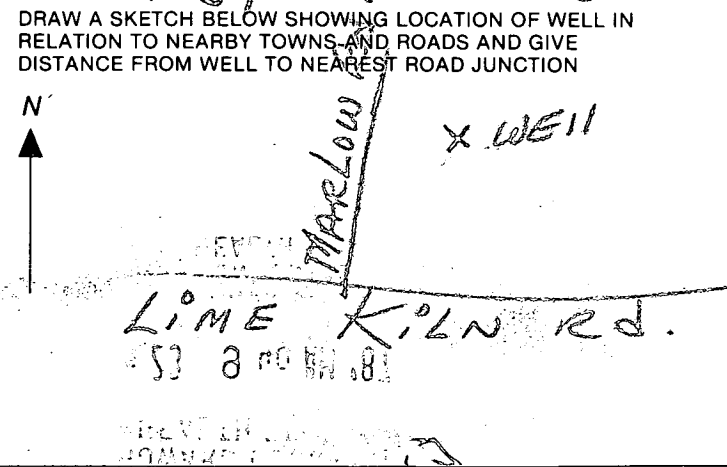
Not to be filled in by driller (OEP USE ONLY)

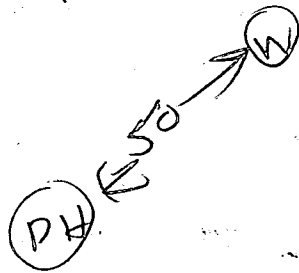
APPROX. PERMIT NUMBER

FORCE INITIALS PERMIT NO. 40-81-2113

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER, WRITE THE BOX NUMBER FROM THE MAP HERE





101

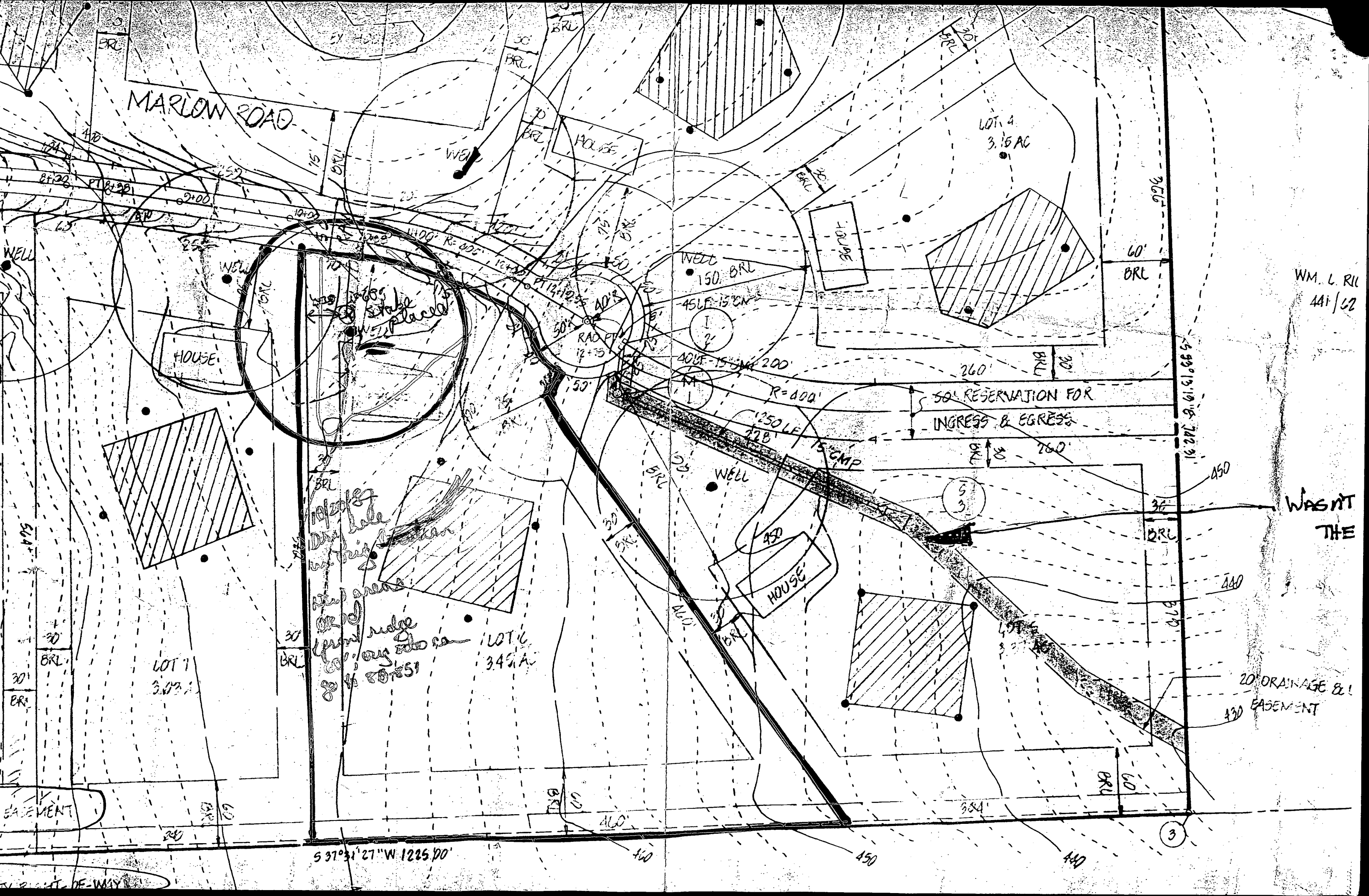
DRIVEN

10/26/87

- ① 72 ft open hole ~~to~~ gravel
- ② 74 ft casing
- ③ Not grouted today because pumps not working
- ③ LOCATION 1

B. Hodger

RECEIVED
 HOWARD COUNTY
 HEALTH DEPT.
 APR 23 9 40 AM '87
 DIVISION OF
 ENVIRONMENTAL
 HEALTH



MARLOW ROAD

LOT 4
3.15 AC

HOUSE

HOUSE

HOUSE

HOUSE

LOT 7
3.03 AC

LOT 6
3.45 AC

Wells
stake
placed

High ridge
of ground
along
road
to
1851

50' RESERVATION FOR
INGRESS & EGRESS

20' DRAINAGE &
EASEMENT

WASNT
THE

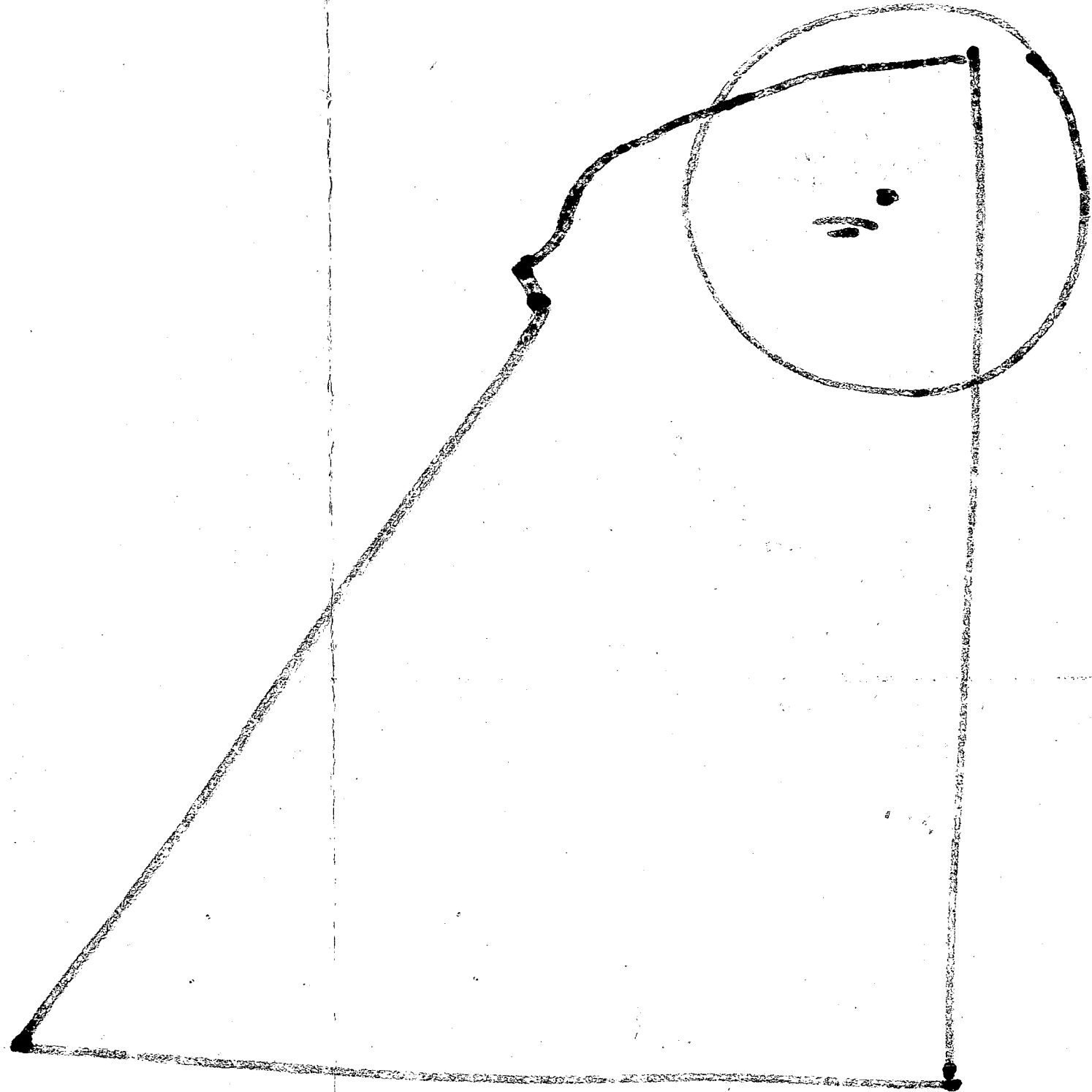
S 37° 31' 27" W 1225.00'

WM. L. RUI
441/62

EASEMENT

PT. DE-WAY

Raymond Varney
Holly Hill Farm
Lot 6

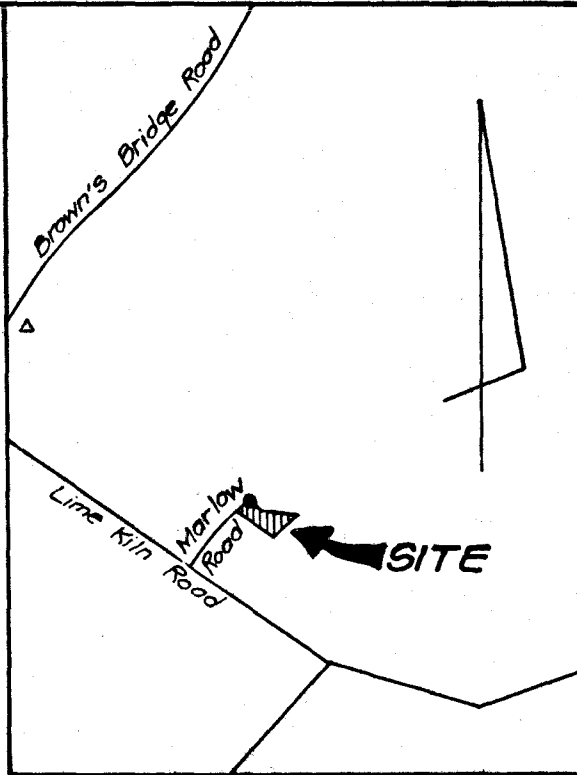


RECEIVED
HOWARD COUNTY
HEALTH DEPT.
MAY 11 10 10 AM '87
DIVISION OF
ENVIRONMENTAL
HEALTH

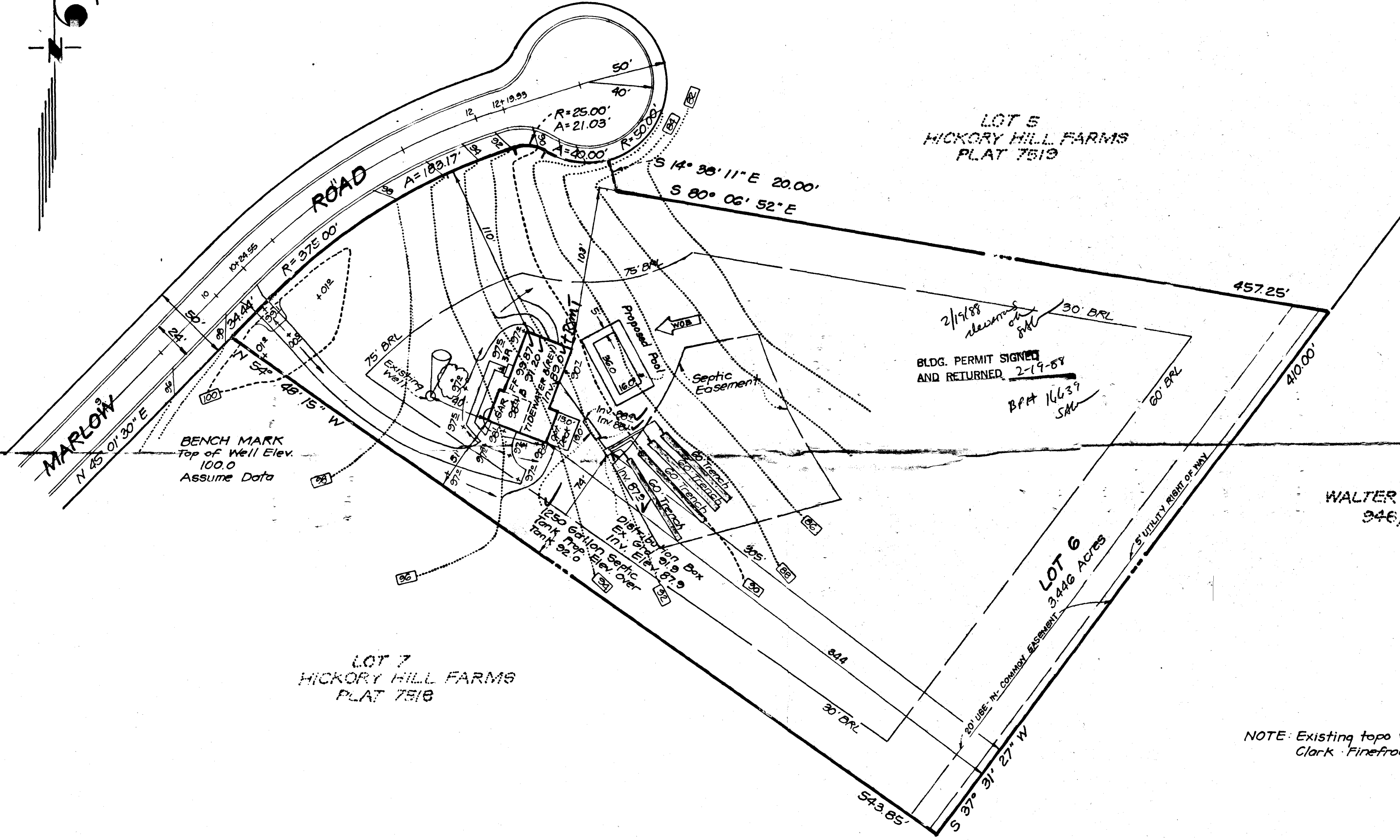


LEGEND

Contour Interval	2 Ft.
Existing Contour	---100---
Proposed Contour	—100—
Spot Elevation	+98.2
Direction of Drainage	→
Walk Out Basement	⬆




VICINITY MAP
Scale 1"=1200'



NOTE: Existing topo was field run by Clark, Finerock & Sackett, Inc.

Plot Reference 7519

 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 - BALTO • (301) 621-8100 - WASH		
DESIGNED CMS	SITE DEVELOPMENT PLAN LOT 6 HICKORY HILL FARMS LOTS 1 THRU 8 TAX MAP NO. 40 PARCEL 134 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN BAL		DRAWING 1 OF 1
CHECKED CMS		JOB NO. 87-159
DATE JAN. 1988	FOR: NU HOMES, INC. 10480 Little Potomac Pkwy. Columbia, Md 21044	FILE NO. 87-159X

Revision: **Revise Septic System due to Deck addition, Add Pool. 2.15.88**
 Moved house forward 7' 1-26-88
 Revised as per Ho. Co. Health Dept. Comments 2.10.88

APPLICATION

PERCOLATION TESTING

A 372163
P _____

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

DISTRICT _____
DATE 6/25/88

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 Winkler Joint Venture Joanna & Raymond Varney
ADDRESS 3775 Shady Lane
Glenwood, MD 21738 PHONE (301) 854-6655

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hickory Hill Farm LOT NO. 6
12524 ~~12770~~ MARLOW ROAD
ROAD AND DESCRIPTION Off Lime Kiln Rd. in Fulton, MD

TAX MAP 40 PARCEL # _____

SIZE OF LOT 3.7 TYPE BLDG. Single-Family Dwelling
(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.

Donald J. E.
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Shallow Sp. DATE 2-19-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9/19/86 Perc OK Hold for Plat BP 7

BLDG. PERMIT SIGNED AND RETURNED 7/15/88
BP 19848 pool

BLDG. PERMIT SIGNED AND RETURNED 2-19-88
BP 16631 SAT

THIS IS NOT A PERMIT

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 37263

P _____

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

DISTRICT _____

DATE 4/25/86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Winkler Joint Venture
ADDRESS 3775 Shady Lane
Glenwood, MD 21738 PHONE (301) 854-6655

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hickory Hill Farm LOT NO. 6
12490
ROAD AND DESCRIPTION Off Lime Kiln Rd. in Fulton, MD

TAX MAP 40 PARCEL # _____

SIZE OF LOT 3.7 TYPE BLDG. Single-Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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Donald D. L.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

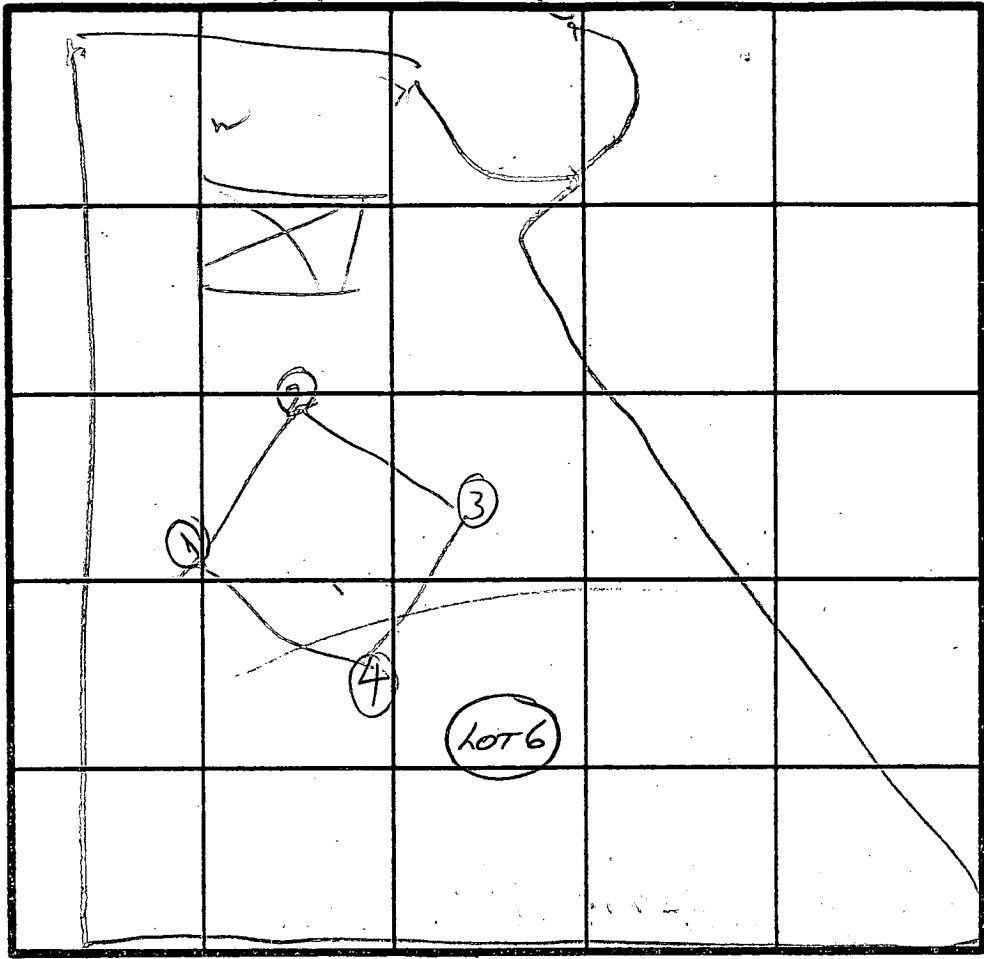
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

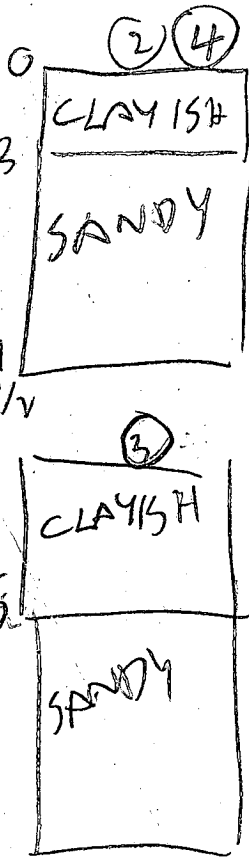
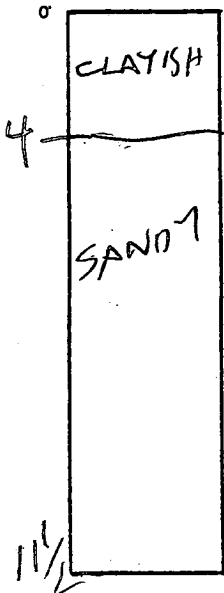
R/W



HOLE ELEVATION

(1)(2) = HIGH
(3)(4) = LOW

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/19/86	1S	4	1145	1146	1145	1146	2
	1D	7.5	1145	1146	1145	1148	2
	1V	11 1/2	OK				
	2S	4	1152	1153	1153	1155	2
	2V	11	OK				
	3S	8	1204	1205	1205	1207	2
	3V	12	OK				
	4S	4.5	1213	1214	1214	1218	4
	4V	11.5	OK				

REMARKS ~~DETAILED~~ SOIL PROFILE NOT NEEDED HERE PER ALL HOLES DUG PER SURVEY OR PLAT

TYPE OF SOIL

TESTED BY R. HODGES

ALSO PRESENT SKIP & ROCKY

EH-12-1079

LOT 5
HICKORY HILL FARMS
PLAT 7519

457.25'

30' BRL

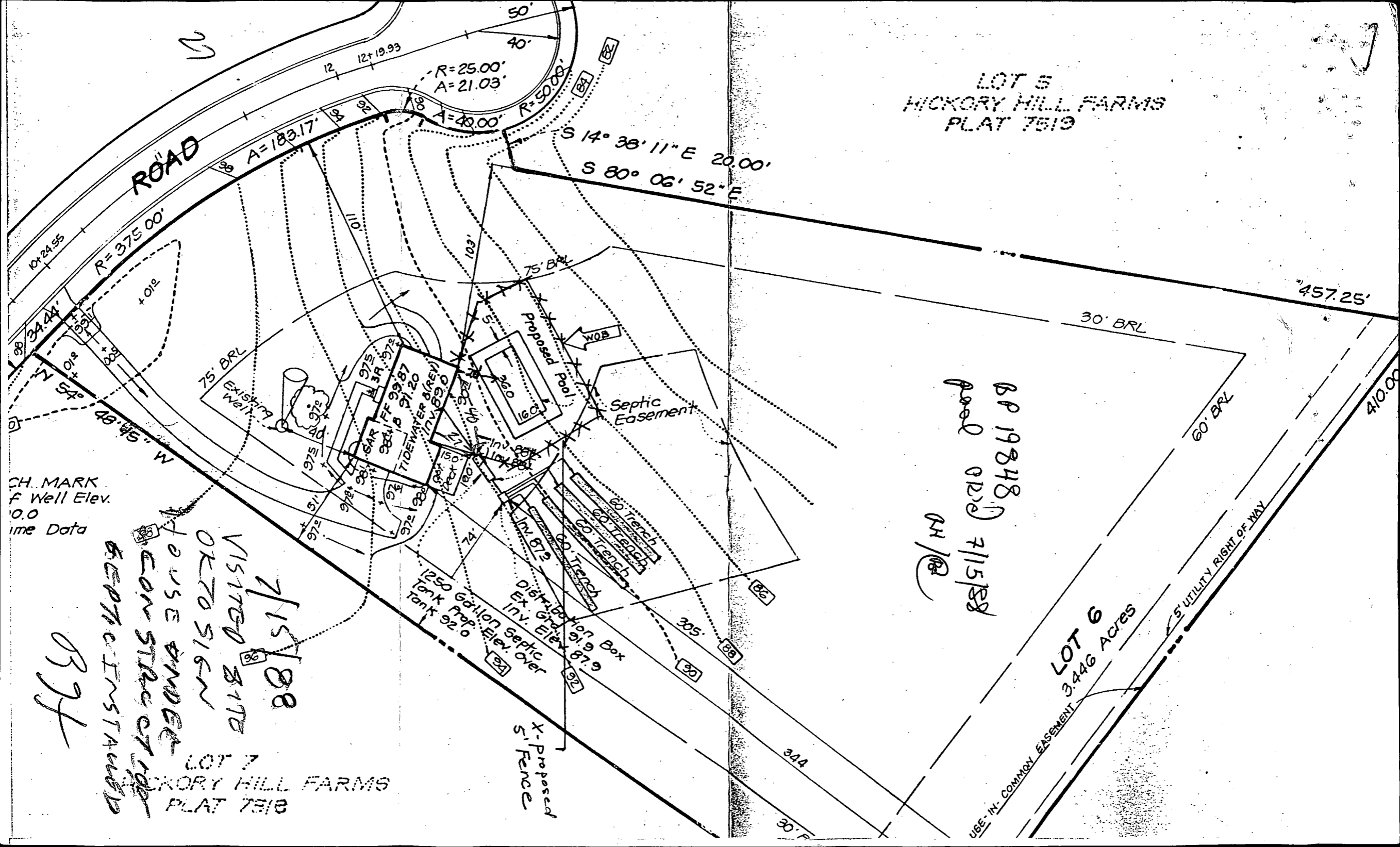
BP 19848
pool 0120 7/15/88
AM/BR

60' BRL

410.00'

LOT 6
3.446 Acres

5' UTILITY RIGHT OF WAY
USE-IN-COMMON EASEMENT



ROAD

R=375.00'

A=183.17'

49' 45" W

CH. MARK
F Well Elev.
0.0
Time Data

7/15/88
VISITED SITE
OK TO SIGN
HOUSE UNDER
CONSTRUCTION
SEPTIC INSTALLED
397

LOT 7
HICKORY HILL FARMS
PLAT 7518

1250 Gallon Septic
Tank Prop. Elev. over
Inv. 87.9

X-Proposed
S-Fence

Septic Easement

Proposed Pool

Existing Well

975 SAR
3R 57.2
984 FF 99.87
TIDENWATER (REV)
INV. 89.0

Distribution Box
Ex. Grid 91.9
Inv. 87.9

60' Trench

60' Trench

60' Trench

60' Trench

60' Trench

60' Trench

75' BRL

75' BRL

75' BRL

75' BRL

75' BRL

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12+19.93

12+19.93

12+19.93

12+19.93

R=25.00'

A=21.03'

A=40.00'

R=50.00'

R=50.00'

R=50.00'

R=50.00'

R=50.00'

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