WPI 11/20/84

approved 11/27/84 C Williams

11/28/84 AM

PERMIT

P 34498

A 33933

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

09-318811

INDEXED

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 4th

DATE 10/22/84

988-9069

Mike Wolfe IS PERMITTED TO INSTALL X ALTER ____

ADDRESS 2600 Camberwell Court, Baltimore, MD 21207 PHONE 298-8590 Schg.

RT 144

SUBDIVISION Lower Trail ROAD 16376 Frederick Road LOT 6

PROPERTY OWNER Mike Wolfe at Property 442-5753

ADDRESS ____

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 - 168 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 3 feet below original grade. 7 feet of stone below distribution pipe. LOCATION: Start the first trench 200 feet from the front lot line and 108 feet from the right lot line as seen when facing the property from Route 144. Run trenches along level ground toward left rear of property. NOTE: No Trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before and after gravel is installed. Provide 6" - 6" diameter cleanout and cap to grade or above on septic tank.

OK TO GO

168

4

672

96

BLDG. PERMIT SIGNED AND RETURNED 3/4/85
Seal # 16949
Pole Shed

PLANS APPROVED BY Craig Williams DATE 10/22/84

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.

BLDG. PERMIT SIGNED AND RETURNED 4/7/85
Seal # 17583

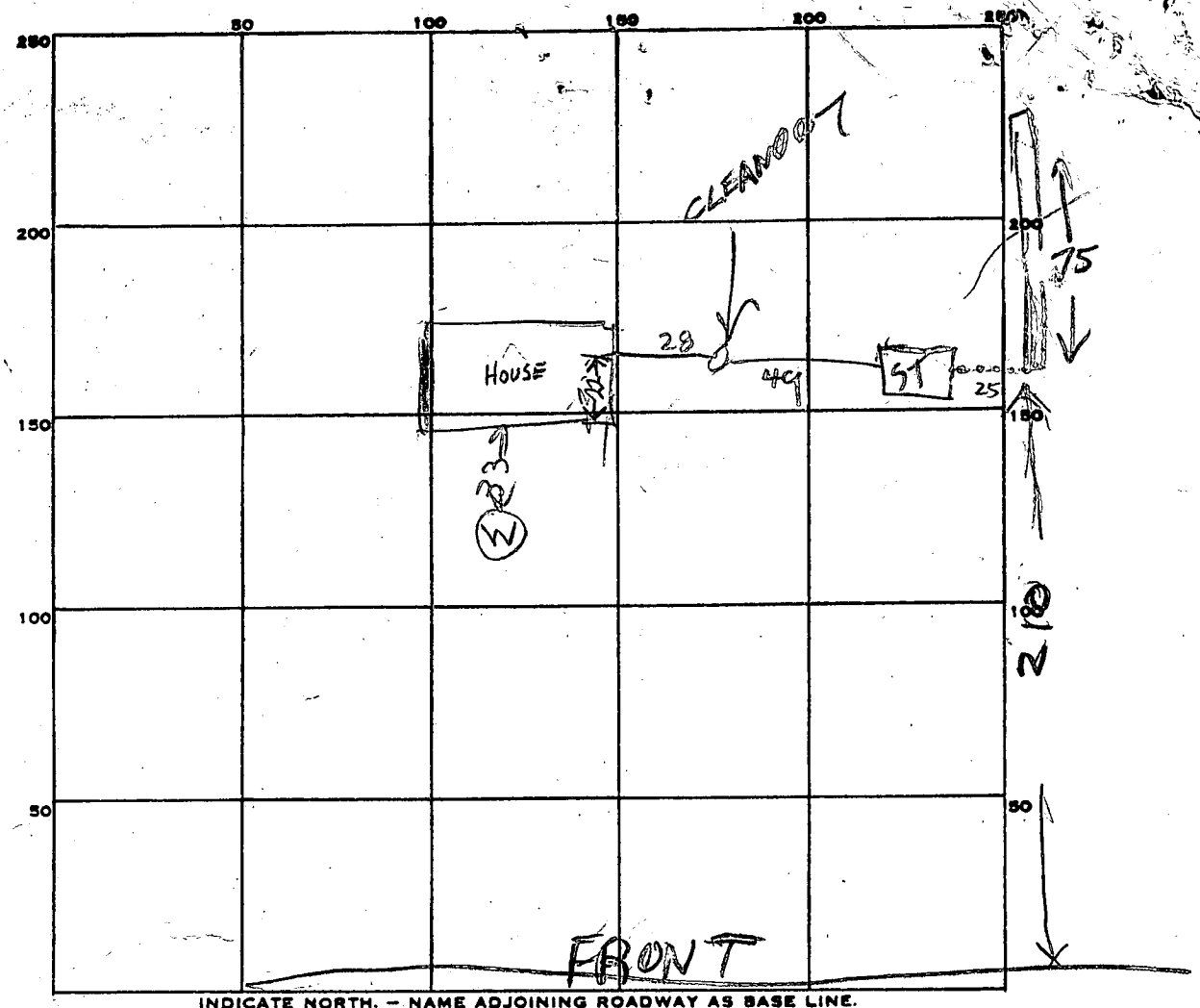
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED. propane tank

A 33933

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓

SEPTIC TANK, LEVEL D/C

DISTRIBUTION BOX, LEVEL N/A

CLEANOUTS ST 11/20 N/A | SEWER OK
11/24 MANHOLE

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2-5 FT.

GRAVEL DEPTH 7 (+2 ~~IN.~~ BOTTOM) TOTAL LENGTH 75 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL ~~TOTAL BOTTOM~~ AREA 9x75 = 675

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

ABSORBENT AREA 675 SQ. FT.

NOTE: CREDIT GIVEN FOR 1' SIDEWALL + 2' BOTTOM AREA BECAUSE TRENCH AVERAGED 4' WIDE DUE TO COLLAPSE.
11/28/84
CWR

REMARKS 11/20/84 - LOCATION OK - OK TO COVER HOUSE SEWER & PUT MAN HOLE ON TANK RH
11/24/84 2:09 PM - DITCH DUG 60FT LONG - PART OF DITCH CAVED IN - NOT SURE HOW MUCH CREDIT TO GIVE FOR EXTRA WIDTH. WILL DECIDE AFTER DITCH DUG OUT STONE 1ST 6IF OF DITCH, DIG LAST PART OF DITCH & CALL RH

DATE SYSTEM APPROVED 11/27/84 INSPECTOR CWR

FRIDAY
6/01/84
1:30 PM

APPLICATION

A 33933

A [redacted]

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 5-29-84

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 Michael & Kathryn Wolfe

ADDRESS 2600 Camberwell ct. Balto. MD. 21207 PHONE 298-5540

PROPERTY LOCATION:

SUBDIVISION Lower Trail LOT NO. 6

ROAD AND DESCRIPTION 16376 Frederick Road

SIZE OF LOT 5.335 Acres m/l TYPE BLDG. 4 Bed Rooms
(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. Michael K. Wolfe
(SIGNATURE OF APPLICANT)

APPROVED BY Craig Wilson FOR any DATE 6/7/84

REJECTED BY _____ FOR _____ DATE _____

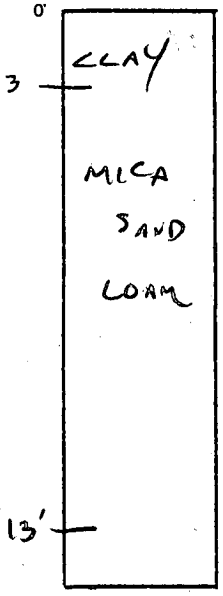
HOLD PENDING FURTHER TESTS _____ DATE _____

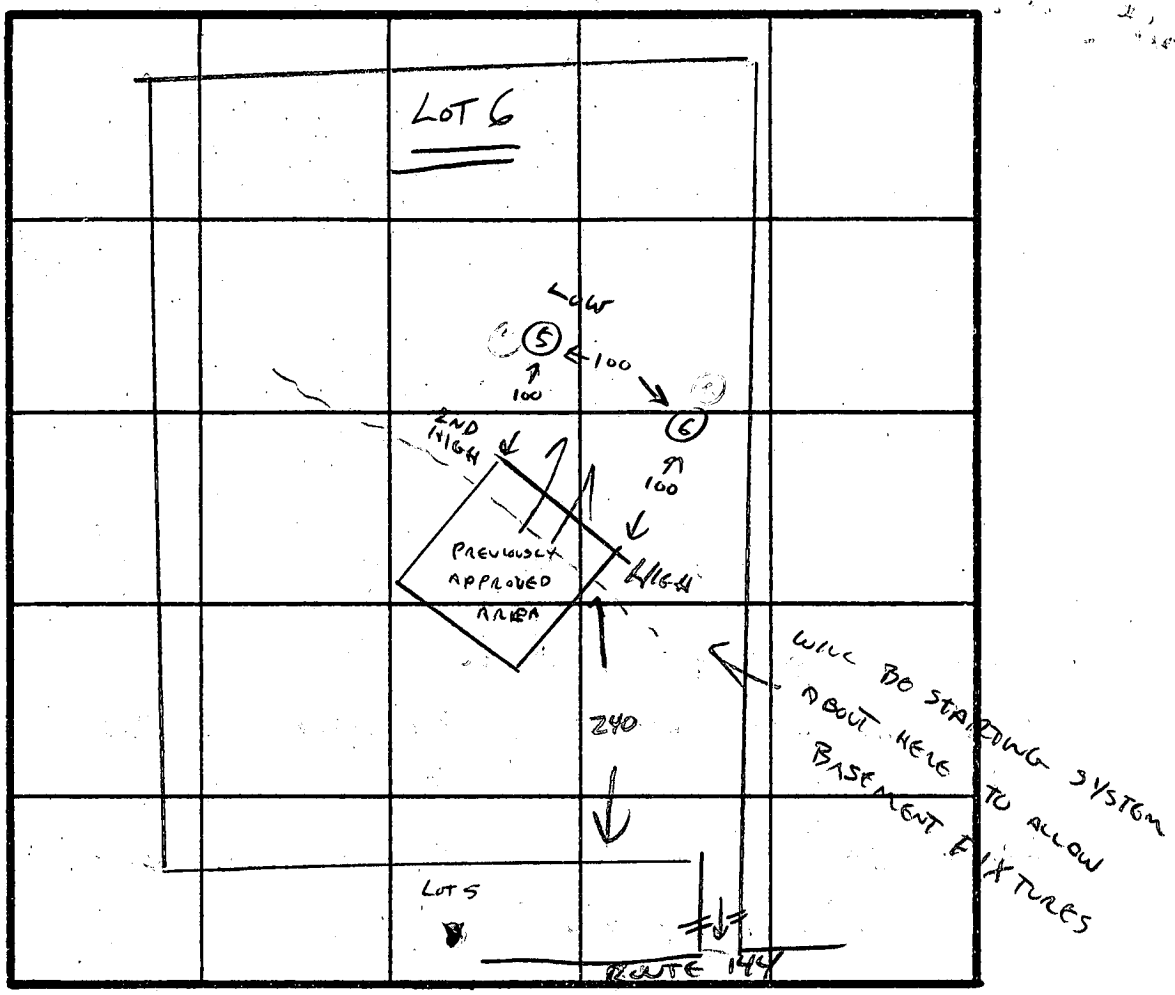
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED AND RETURNED 6/7/84
Lucal # 58915 SFD.

THIS IS NOT A PERMIT

SOIL PROFILE





INDICATE NORTH · NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
6/1/84	5	3	2:05	2:10	2:10	2:17	7 MIN
		8	2:05	2:09	2:09	2:14	5 M
		13	MICA SAND LOAM				
	6	3	2:07	2:12	2:12	2:19	7 MIN
		8	VISUAL		MICA-SAND LOAM		
		13					
	PREVIOUSLY TESTED HOLES		3 -		11 MINUTES.		

REMARKS

TYPE OF SOIL MICA SAND LOAM

TESTED BY Craig Williams ALSO PRESENT MIKE WOLFE

EH-12-1079

Prel

APPLICATION

A 28523

P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th

DATE 7/20/78

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 Howard Associates

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Lower Trail LOT NO. 6

ROAD AND DESCRIPTION Route 144

SIZE OF LOT 5.335 acres m/l TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ Pat Lendrim

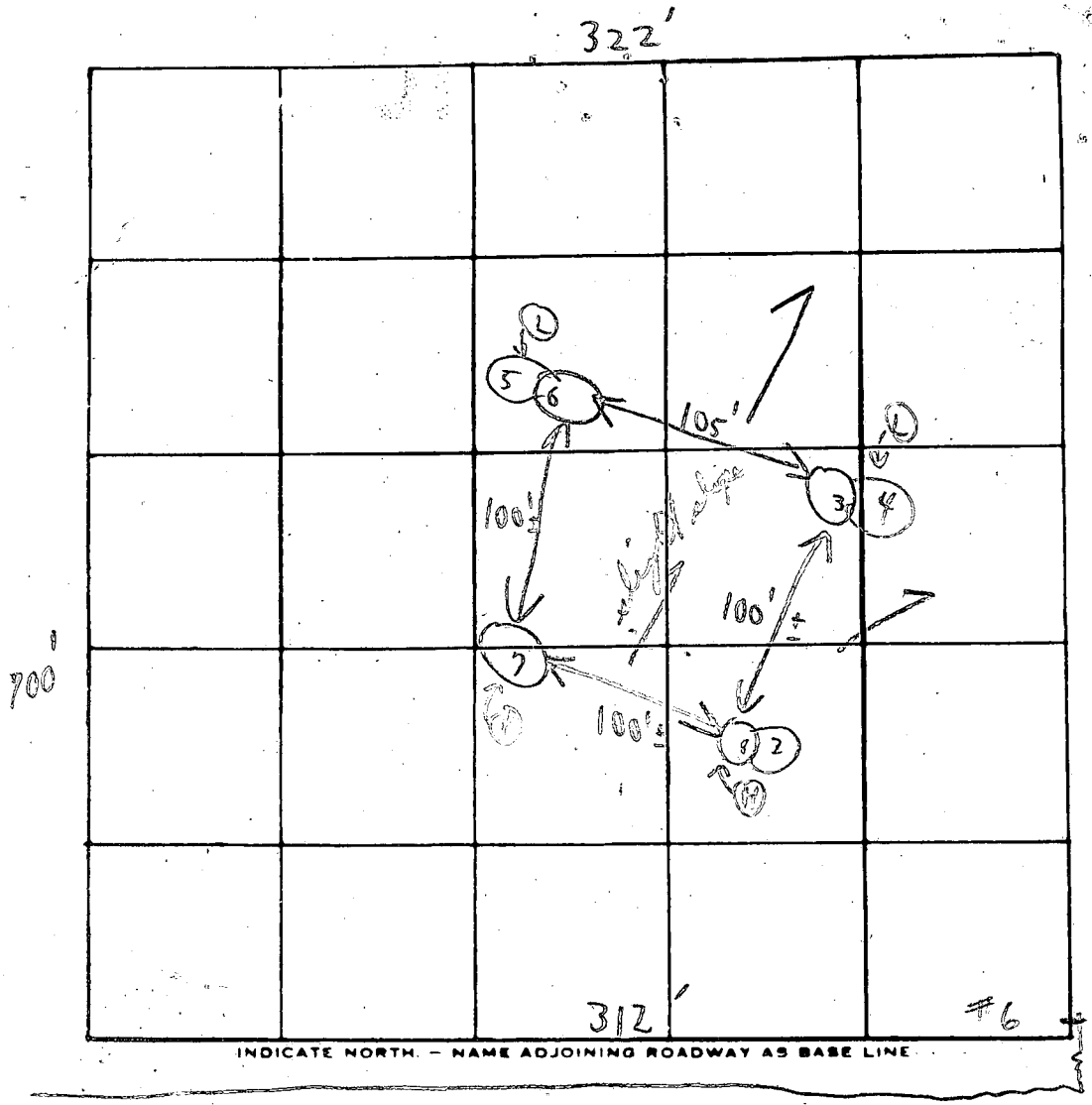
APPROVED BY Raymond Hodgson FOR Dry Well DATE 4/2/79
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12/21/79 CHECKED OK PER CERTIFIED NOLES ON PLATT OF 3/25/79 DATE OF J. CARL HUDGINS C.B.S. 4/2/80 Final Plat Number Signed BP

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7/21/78	1	3½'	10:10	10:14	10:14	10:26	12m
	(H) 2	12'	10:11	10:15	10:15	10:31	16m
	3	2½'	10:22	10:24	10:24	10:27	3m
	(L) 4	11'	10:23	10:28	10:28	10:39	11m
	(L) 5	3'	10:35	10:39	10:37	10:40	3m
	Hard slab A	12'	10:36	10:54	10:54	11:29	3/4"
	(H) 7	12½'	V weird, similar to other				
	B	11'	11:37	11:50	11:50	12:13	23

REMARKS Rough grass & weeds cattle holes

TYPE OF SOIL

TESTED BY C. B. Alexander ALSO PRESENT: P Leadam

C 1 7727 — SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 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: A28523

Date Received (OEP use only):

DATE WELL COMPLETED: 05 03 83

Depth of Well: 305 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-81-0083

OWNER: Wolfe (last name) Michael K (first name)

STREET OR RFD: Md. Rte. 144 TOWN: Lisbon

SUBDIVISION: Lower Trail SECTION: — LOT: 6

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Top Soil	0	2	
Brown Shale	2	30	
Brown Slate	30	45	
Blue Slate	45	50	
Brown Slate	50	55	✓
Blue Slate	55	305	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes (Y) no (N)

TYPE OF GROUTING MATERIAL
CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS: 9 NO. OF POUNDS: 900
GALLONS OF WATER: 54
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. (TOP) to 34 ft. (BOTTOM) (enter 0 if from surface)

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

MAIN CASING TYPE	Nominal diameter top(main)casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	40

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

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

C 2 (seq. no.)

EACH SCREEN		DEPTH (nearest ft.) from	to
1	HO	37	305
2			
3			

SLOT SIZE: 1 — 2 — 3

DIAMETER OF SCREEN (NEAREST INCH): from — to

GRAVEL PACK: from — to

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX: (F)

C 3 (seq no)

PUMPING TEST
HOURS PUMPED (nearest hour): 3

PUMPING RATE (gal. per min. to nearest gal.): 4

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL (distance from land surface)
BEFORE PUMPING: 43
WHEN PUMPING: 305

TYPE OF PUMP USED (for test)
(A) air (P) piston (T) turbine
(C) centrifugal (R) rotary (O) other (describe below)
(J) jet (S) submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES (Y) NO (N)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)

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 (—) below LAND SURFACE: 3 (nearest foot)

CIRCLE APPROPRIATE BOX
(A) A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
(E) ELECTRIC LOG OBTAINED
(P) TEST WELL CONVERTED TO PRODUCTION WELL

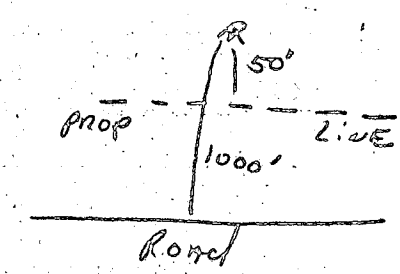
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO.: 223

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION): Ralph E. Wagner

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

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)



OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W.Q.

70 TELESCOPE CASING — 72 LOG INDICATOR — 74 75 76 OTHER DATA

HEALTH

Page ___ of ___
Date APRIL 3, 1983

Review 5/17/83 OK JS

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0083
Location of property (road) Md. Rte. 144
Subdivision Lower Trail Lot 6 Block — Plat — Sec. —
Well Driller Ralph Mayne Owner Wolfe

Depth of well 300 ft
Distance of measuring point (M.P.) above ground 3 ft
Static water level (S.W.L.) below M.P. 43 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 9 G.P.M.
Total time 30 min to reach pumping water level 132 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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	132 ft	15 sec	—	4 G.P.M.
8:45	132 ft	15 sec	—	4 G.P.M.
9:00	132 ft	15 sec	—	4 G.P.M.
9:15	132 ft	15 sec	—	4 G.P.M.
9:30	132 ft	15 sec	—	4 G.P.M.
9:45	132 ft	15 sec	—	4 G.P.M.
10:00	132 ft	15 sec	—	4 G.P.M.
10:15	132 ft	15 sec	—	4 G.P.M.
10:30	132 ft	15 sec	—	4 G.P.M.
10:45	132 ft	15 sec	—	4 G.P.M.
11:00	132 ft	15 sec	—	4 G.P.M.
11:15	132 ft	15 sec	—	4 G.P.M.
11:30	132 ft	15 sec	—	4 G.P.M.

5/3/83

Page of
Date 5/2/83
JS

Pump Test 3hr 8 o'clock Review H 9258
Count 11 o'clock

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0083
Location of property (road) Rt 144
Subdivision Tower Trail   Lot 6   Block ____   Plat ____   Sec. ____
Well Driller Ralph Wayne   Owner Michael Wolfe

Depth of well 300'
Distance of measuring point (M.P.) above ground 3'
Static water level (S.W.L.) below M.P. 43'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00   Pumping rate 9
Total time 30 min to reach pumping water level 132 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 1 time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:30	132'	15 sec		4
10:45	132'	15		4
11:00	132'	15		4

11/20/84 - Pitless Adapter Present @ approx 4'
Pressure tank not installed
Electric wire installed with plastic guard
Water line installed and OK.

Sid Abel
R Hodges

3/5/85 P.R.V. installed
~~inspection~~ complete JS

EMERGENCY/TEMP NO. IF ANY

B 1 | 0315 SEQUENCE NO. (OEP USE ONLY) Pump test 3hr - 8:00 5/3/83

(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: H0-83-0083

fill in this form completely

Date Received 5/3/83 11:00

OWNER INFORMATION

WOLFE MICHAEL
Last Name | Owner | First Name

2600 CAMBERWELL CT
Street or RFD

BALTIMORE MD 21207
Town | State | Zip

DRILLER INFORMATION

Ralph MAYNE 223
Driller's Name | License No.

Ralph Mayne (well Drilling)
Firm Name

Rt. 3 Box 9170 Mt. Airy Md.
Address

Ralph Mayne 4/8/83
Signature | Date

LOCATION OF WELL

B 3

HOWARD
COUNTY

LOWER TRAIL
SUBDIVISION

SECTION ---

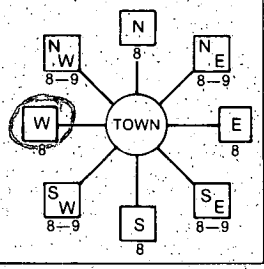
LOT 6

LISBON
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) I M I

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Md. 144
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

1000
DISTANCE FROM ROAD

ENTER FT or MI FT

WELL INFORMATION

B 2

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 — COUNTY NAME
A28523 — COUNTY NO.

OEP SIGNATURE

STATE HEALTH INSERT S

DATE ISSUED 050383

Frank Shinn — CO SIGNATURE

10/3/83 — EXP. DATE

NORTH GRID 54900

EAST GRID 07760

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST 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

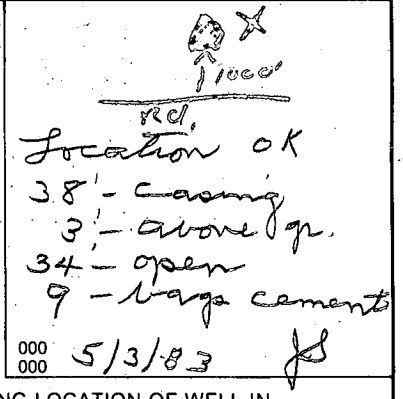
SOURCES OF DRILLING WATER

1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 220 6

N 540 9



REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

(N) THIS WELL WILL NOT REPLACE AN EXISTING WELL

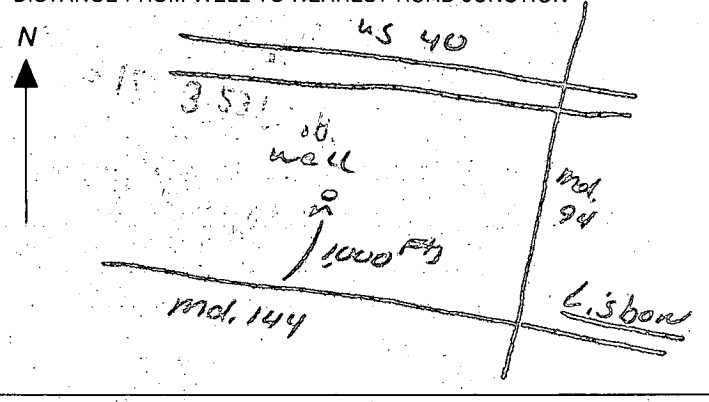
[Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

[S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

[D] THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENDED (IF AVAILABLE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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

APPROP. PERMIT NUMBER GAP

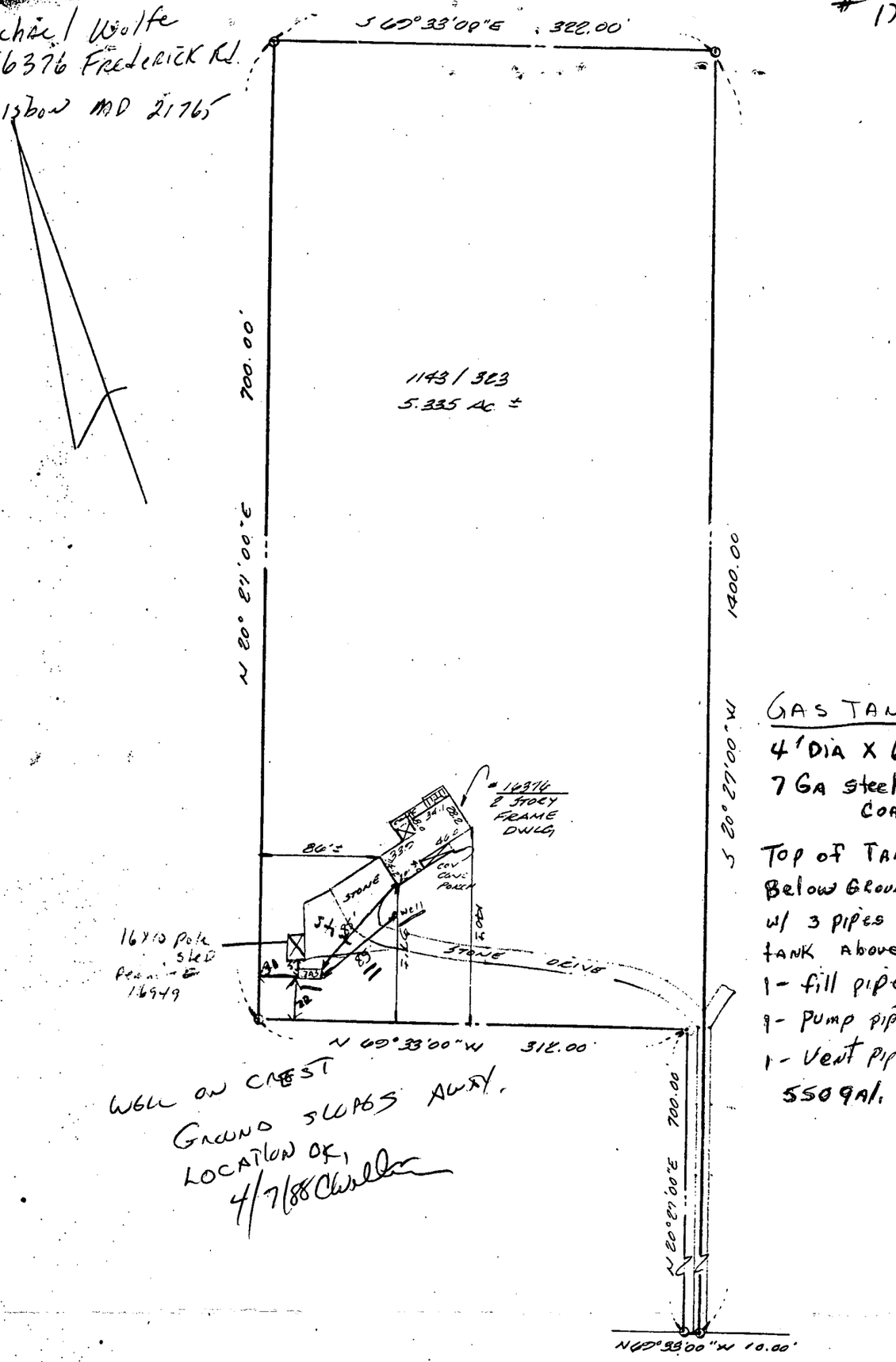
FORCE FS (WRITE INITIALS IN BOX) PERMIT No. H0-83-0083

SPECIAL CONDITIONS

DRILLER

Michael Wolfe
16376 Frederick Rd.
Lisbon MD 21765

1758



I HEREBY CERTIFY THAT I HAVE MADE A SURVEY OF THIS LOT FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS THEREON AND THAT THEY ARE LOCATED AS SHOWN.
THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES.

2-9-87 John C. Mellema S REG. NO. 107

STATE OF MARYLAND
JOHN CHARLES MELLEMA, SR.
No. 107
REGISTERED
PROPERTY LINE SURVEYOR

LOCATION SURVEY

16376 FREDERICK RD HOWARD CO., MD.

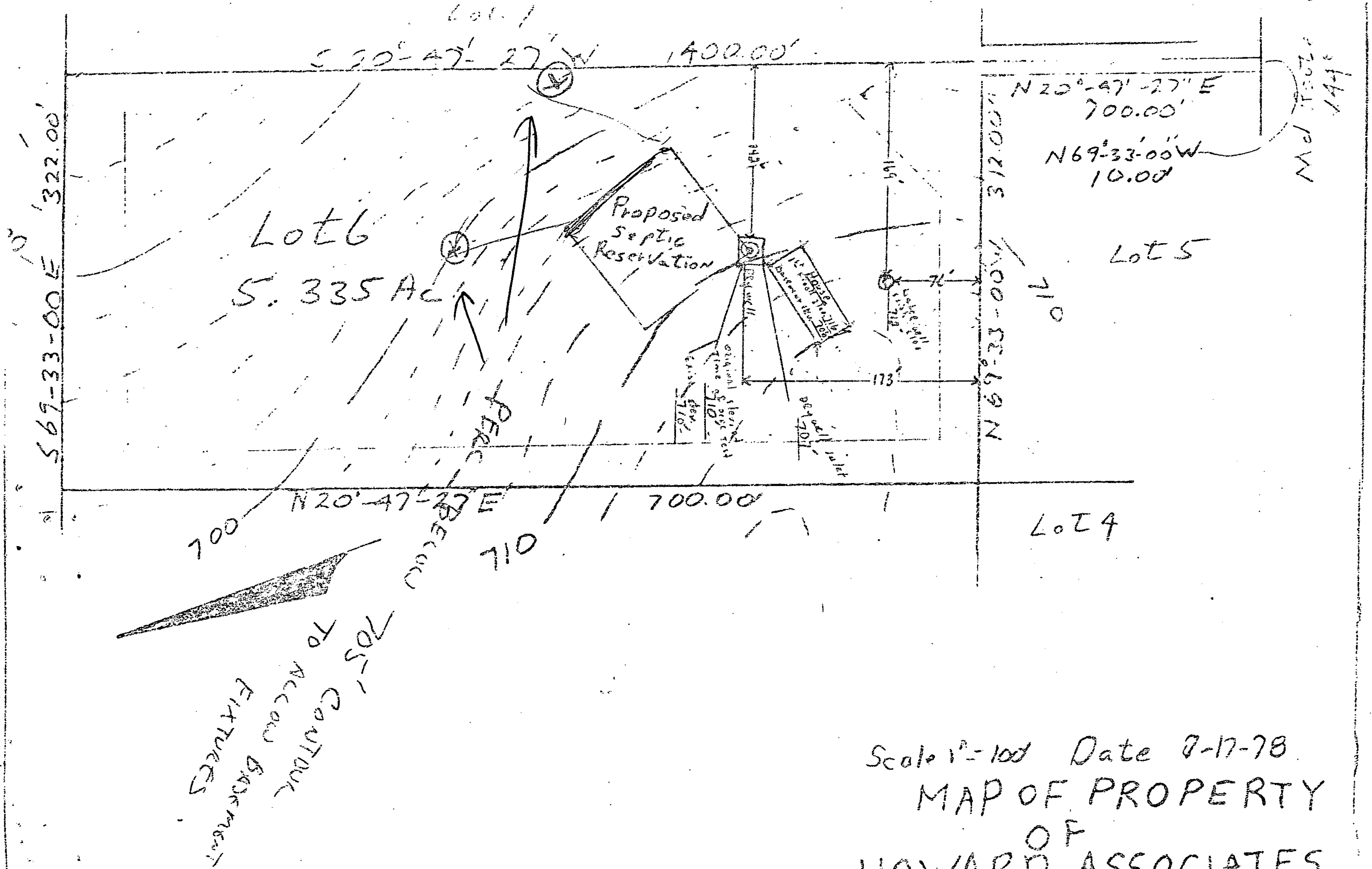
SCALE 1"=100'

JOHN C. MELLEMA SR., INC.
LAND SURVEYORS

6100 BALTIMORE NATIONAL PIKE - BALTIMORE, MARYLAND 21228

DATE 2-9-87

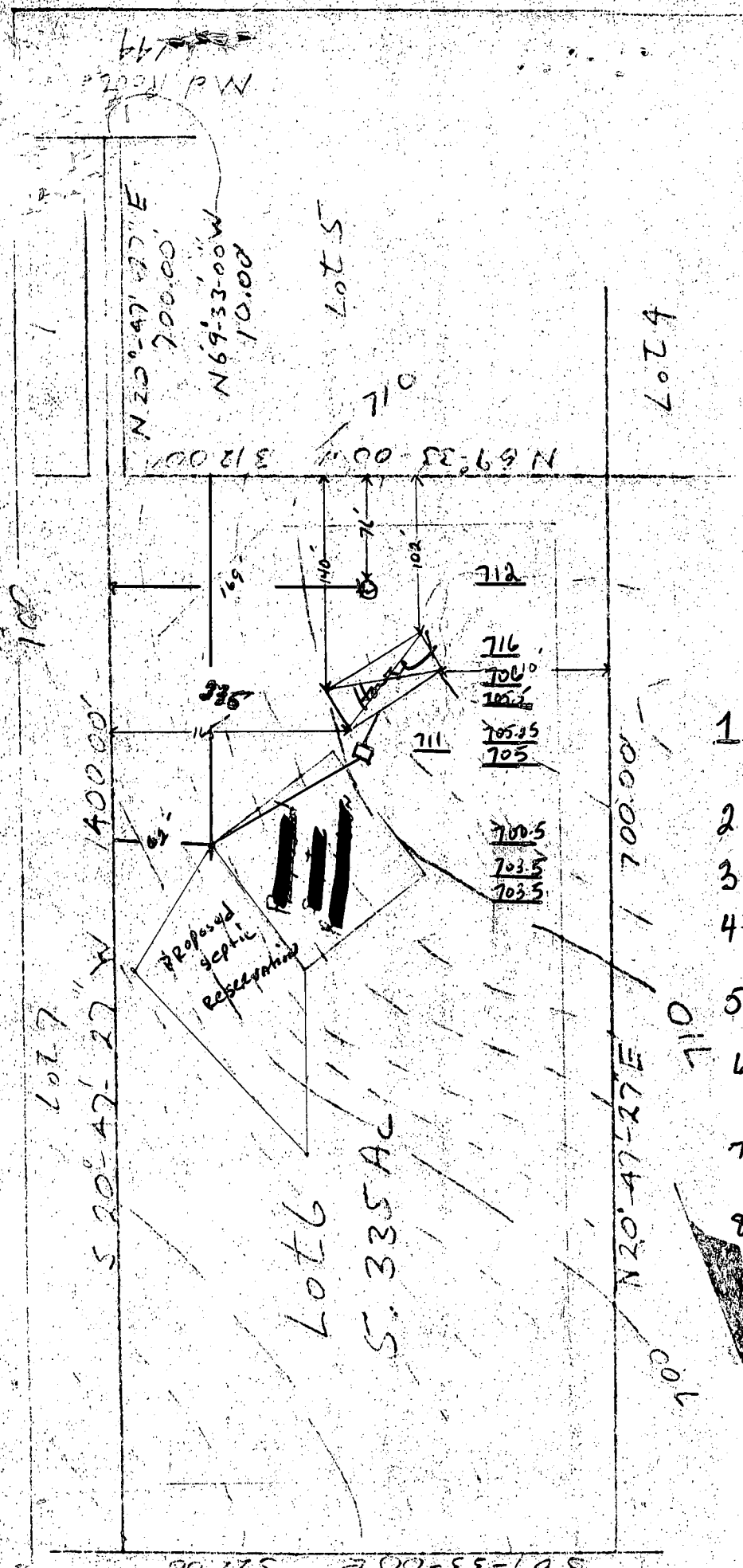
JOB NO. 87178



Scale 1" = 100' Date 8-17-78

MAP OF PROPERTY
OF
HOWARD ASSOCIATES
Tax Map #7 Parcel #415
4th Election District
Howard County Md.

C. Harris P.L.S. 576



Scale 1"=100' Date 3-17-28

MAP OF PROPERTY

OF

HOWARD ASSOCIATES

Tax Map #7 Parcel #415

4th Election District

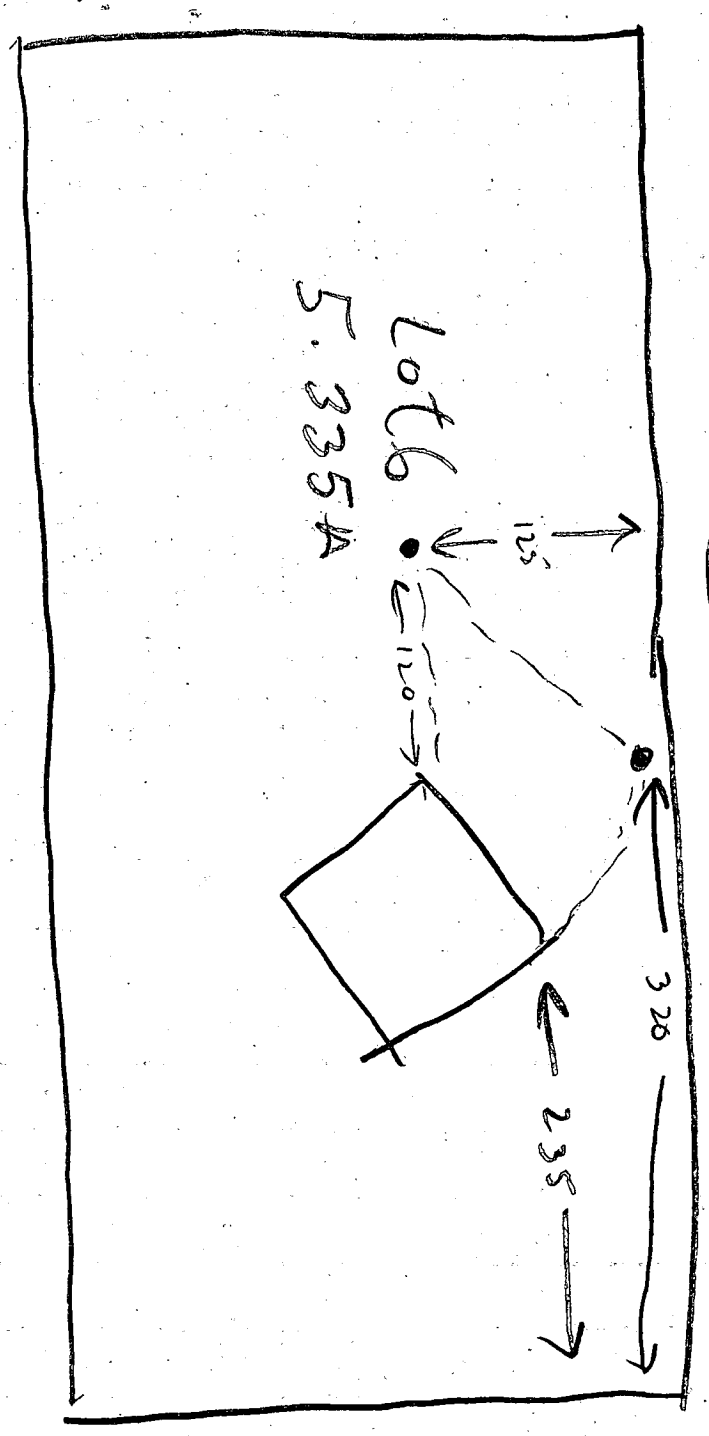
Howard County Md.

1 -	Original elev At. Time of Perc Test	703.5
2 -	Exist elev	703.5
3 -	Drywell inlet	700.5
4 -	Invert elev. out of Septic TANK	705.
5 -	Invert elev into septic TANK	705.25
6 -	Exist elev At septic TANK	711
7 -	Invert elev out of House	705.5
8 -	House 1st Floor	716
9 -	Basement	706
10 -	Water well exist elev.	712

6-01-84

Michael K. Wolfe
2600 Camberwell Ct.
Balto. MD 21207

To Be Returned



VIS. OK
3-13'
6/1/84
CW

MICA SAND
& SAPROLITE
4-8 MIN. SOIL