

9/4/85 2PM
9/3/85

05-396123

APPROVED
9/4/85
RH
P 359/2
A 33529

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY

DISTRICT 5th

DATE 8/20/85

INDEXED

C. C. Cissel IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Brighton Pines I ROAD 13749 Lakeside Drive LOT 15, Section 1

PROPERTY OWNER John & Shelley Mathison

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start first trench 150 feet from the front lot line and 130 feet from the right lot line. Run Trench(s) along level ground toward front 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.

9/4/85 WPE OK except pressure tank not installed RH

PLANS APPROVED BY C. Williams DATE 2/15/85

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.

BUILDING PERMIT SIGNED AND RETURNED

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

4/11/03 800141085 PORCH & DECK

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 53529

Prep.

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33529

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5

DATE 1-30-84

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 ANNA Mc Carthy John + Shelley Mathieson

ADDRESS 4100 Cathedral Ave DC 20016 PHONE 202-363-2725

PROPERTY LOCATION: BRIGHTON PINES I

SUBDIVISION Passport Prop LOT NO. 15/40

ROAD AND DESCRIPTION Nicholas St. 13749 Lakeside Dr.

SIZE OF LOT 3A TYPE BLDG. SFD
(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 Demmitt 45-0842
(SIGNATURE OF APPLICANT)

APPROVED BY C. Wilcham FOR TRENCHES DATE 2-9-84

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

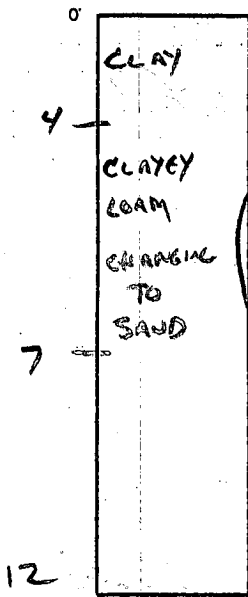
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 4/10/85
Serial # 64062 SFD

THIS IS NOT A PERMIT

#1

SOIL PROFILE



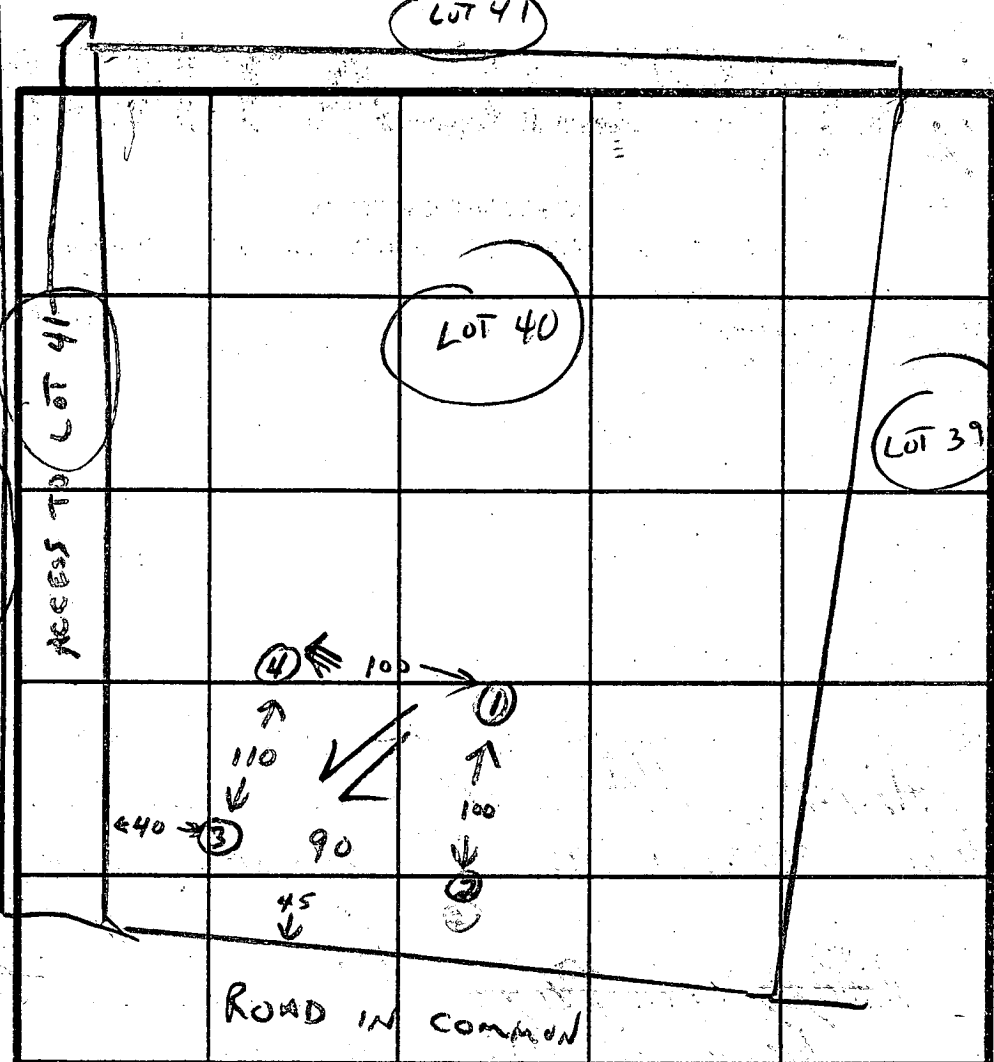
LOT 43

ACCESS TO LOT 41

LOT 41

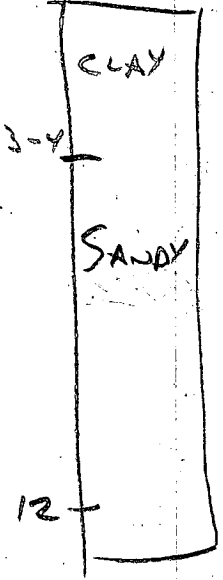
LOT 40

LOT 39



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2-3-4



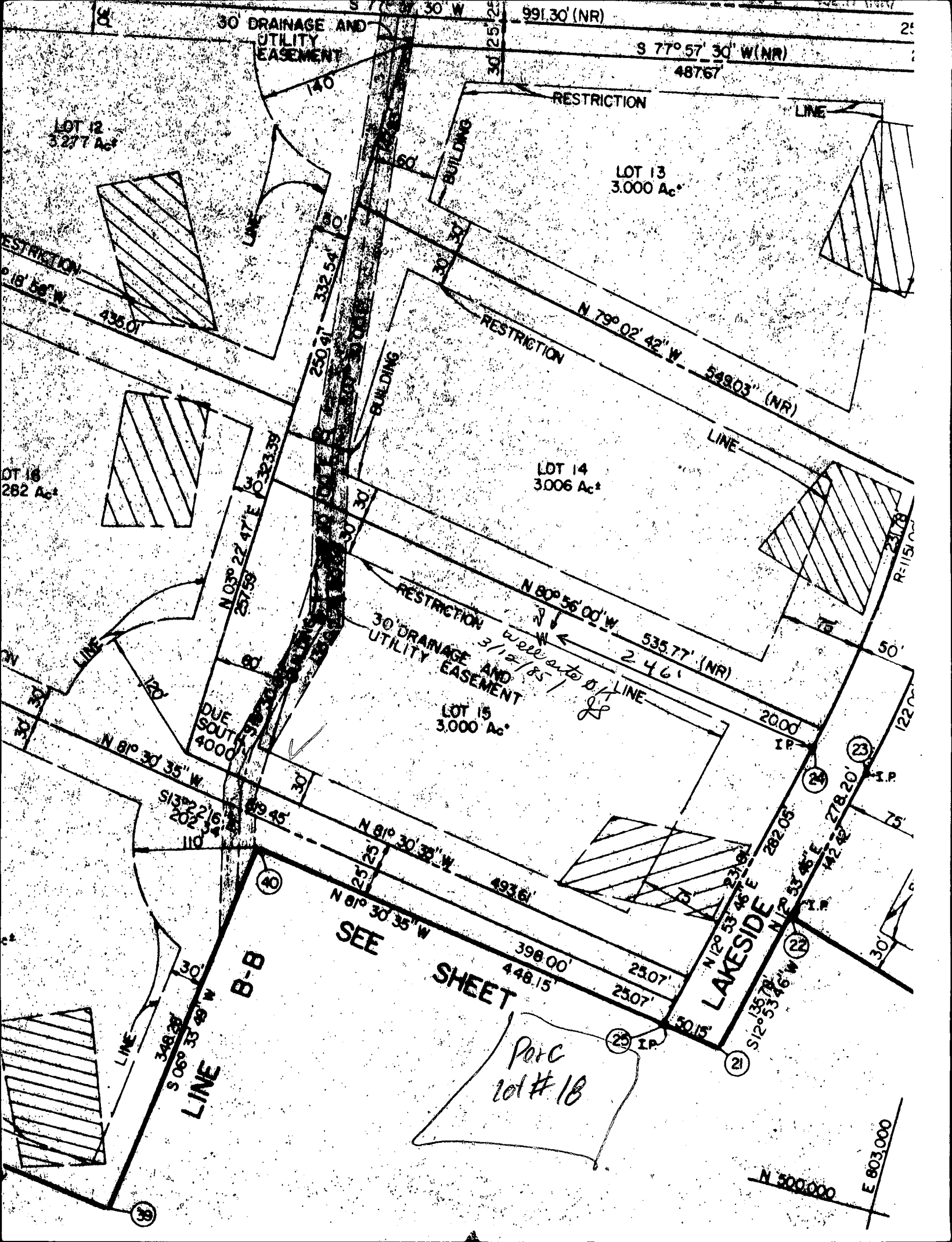
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-9-84	1 HIGH	4	12:57	1:06	1:06	1:17	11 MIN
		9	12:57	12:59	12:59	1:01	2 MIN
		13					
2-9-84	2	4	12:52	1:00	1:00	1:17	17 MIN
		9	12:52	12:56	12:56	1:01	5 MIN
		12					
2-7-84	3 Low	4	12:53	12:57	12:57	1:02	5 MIN
		9	12:53	12:55	12:55	12:58	3 MIN
		13					
2-7-84	4	4	1:05	1:09	1:09	1:13	4 MIN
		9	1:05	1:07	1:07	1:09	2 MIN
		12					

REMARKS _____

TYPE OF SOIL SAND BELOW 4' CLAY

TESTED BY CW [Signature] ALSO PRESENT DEMMIT

EH-12-1079



30 DRAINAGE AND UTILITY EASEMENT

LOT 12
3.277 Ac⁺

LOT 13
3.000 Ac⁺

LOT 14
3.006 Ac⁺

LOT 15
3.000 Ac⁺

DUE SOUTH
4000'

SEE SHEET

LAKESIDE

Parc
lot # 18

S 77° 57' 30" W (NR)
487.67'

RESTRICTION LINE
N 79° 02' 42" W
549.03" (NR)

RESTRICTION LINE
N 80° 56' 00" W
535.77' (NR)
246'

RESTRICTION
30' DRAINAGE AND UTILITY EASEMENT
well into 0.4 LINE
3/12/85

N 81° 30' 35" W
493.61'

N 81° 30' 35" W
493.61'

S 13° 22' 16" E
202.34'

S 06° 33' 49" W
348.28'

N 12° 53' 46" E
278.20'

N 12° 53' 46" E
278.20'

S 12° 53' 46" W
282.05'

N 50° 00' 00" W
E 803.000'

RESTRICTION LINE
S 18° 56" W
435.07'

RESTRICTION LINE
N 03° 22' 47" E
257.59'

RESTRICTION LINE
N 03° 22' 47" E
257.59'

RESTRICTION LINE
S 06° 33' 49" W
348.28'

BUILDING

BUILDING

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DANIEL OSTERICHER
14621 CAMBRIDGE DR.
UPPER MARLBORO, MD,
20772

627-1789

OWNERS:

CHIP & SHELLY MATHISON

B 1 9587 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 *MD*
please print or type

OEP PERMIT NUMBER
40-81-0925
fill in this form completely

Date Received *3/18/85*
OWNER INFORMATION
MATHISOV Owner CHIP First Name
14621 CABRIDGE DR. Street or RFD
UPPER MARLBOR MD 20972
Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
BRIGHTON PINES SUBDIVISION
SECTION 1 LOT 15
DAVTON NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2 1/2 MI

DRILLER INFORMATION
Joseph H. Wayne 238 License No. 80
Joseph H. Wayne Well Drilling Firm Name
5512 Ridge Rd. Nat. City, Md. 21771 Address
Joseph H. Wayne 3/4/85 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
TOWN
NEAR WHAT ROAD *Jakeside Drive*
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 246 FT
ENTER FT or MI

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A 33529 COUNTY NO.
OEP SIGNATURE *J. Stayer* STATE HEALTH INSERT S
DATE ISSUED *9/12/85*
031285 GO SIGNATURE EXP. DATE
NORTH GRID 501000 EAST GRID 0802000

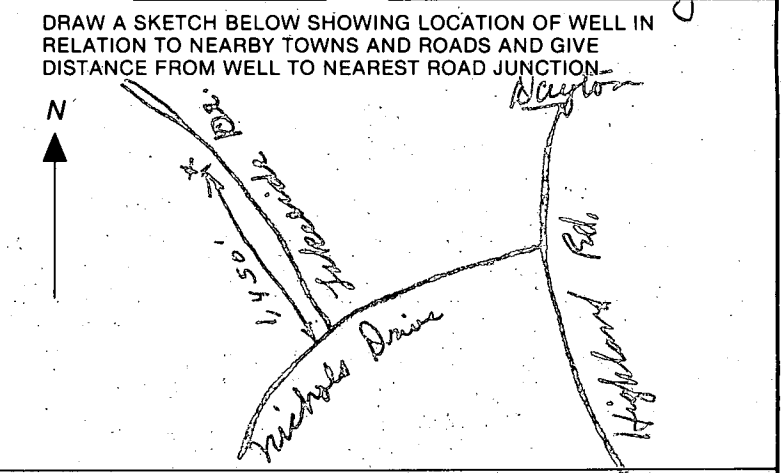
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH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

APPROXIMATE DEPTH OF WELL 260 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

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 800 2
N 500 1
Location of well
171' casing
50' open
20 bags cement
Not present during print. Paper tag given to Wayne crew 3/18/85

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEN 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 *J.S* WRITE INITIALS IN BOX PERMIT No. 40-81-0925

SPECIAL CONDITIONS

C1 **9580** 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 **A 33529**

DATE Received [] DATE WELL COMPLETED **03/18/85** Depth of Well **188** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **H0-81-0925**

OWNER **MATHISON CHIP**
 STREET OR RFD **WINDY RIDGE DR.** TOWN **DAYTON**
 SUBDIVISION **BRIGHTON PINES** SECTION **1** LOT **15**

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		Check if water bearing
	FROM	TO	
BROWN SHALE	0	30	
Yellow clay	30	166	✓
GRAY mica Rock	166	188	✓

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **20** NO. OF POUNDS **1880**
 GALLONS OF WATER **120**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **59** ft.
 (enter 0 if from surface)

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

MAIN CASING Nominal diameter top (main) casing TYPE **ST** inch **6**
 Total depth of main casing (nearest foot) **171**

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

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

C2
 DEPTH (nearest ft.)
 EACH SCREEN 1 **H0** 169 188
 2
 3

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. **238**
Joseph L. Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

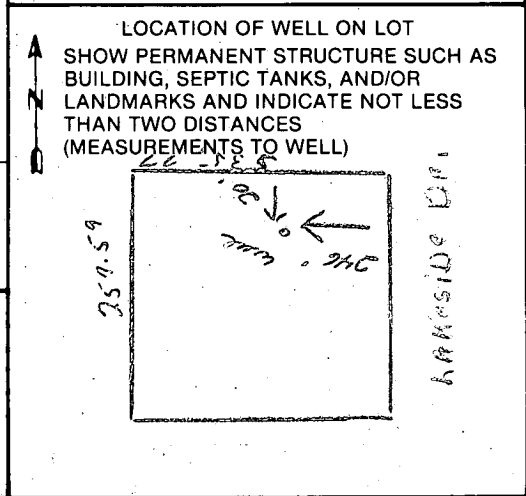
SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) from to

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

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

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **62**
 METHOD USED TO MEASURE PUMPING RATE **bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **47** WHEN PUMPING **142**
 TYPE OF PUMP USED (for test) **A** air **P** piston **T** turbine **C** centrifugal **R** rotary **O** other (describe below) **J** jet **S** submersible

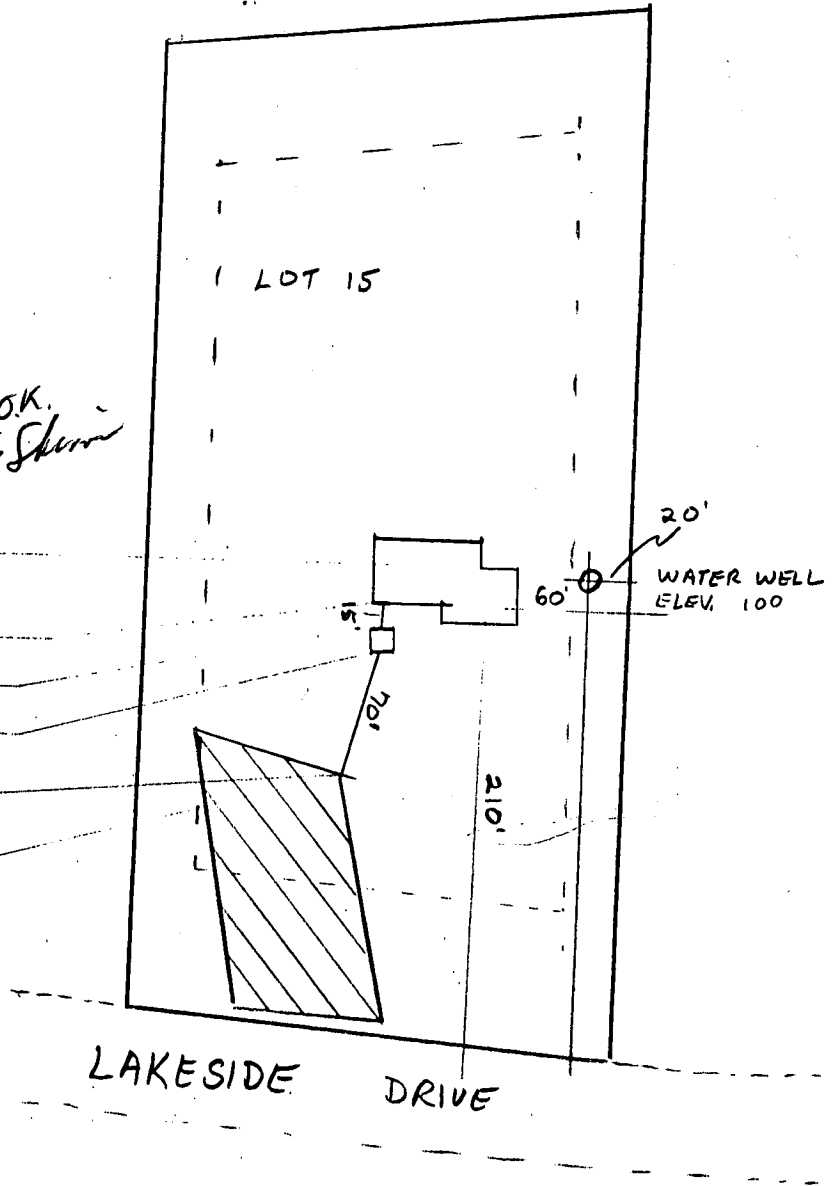
PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES **NO**
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP-COLUMN LENGTH (nearest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



LOT 15 BRIGHTON PINES

4/10/85
Sketch OK.
J. Sherrin

- HOUSE 1ST FLR ELEV. 100.0
- BASEMENT ELEV 91.0
- INVERT OUT OF HOUSE 89.0
- INV. INTO TANK 88.75
- INV. OUT OF TANK 88.5
- INV. INTO TRENCH 87.0
- ELEV. AT TIME OF PERC 91.0



I CERTIFY THAT THE ABOVE RELATIVE ELEVATIONS
AND MEASUREMENTS ARE ACTUAL AND CORRECT
FOR THIS PROPERTY.

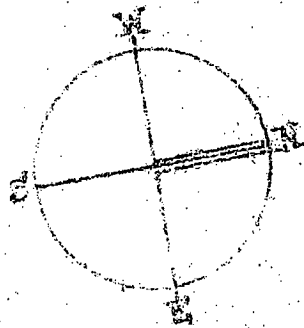
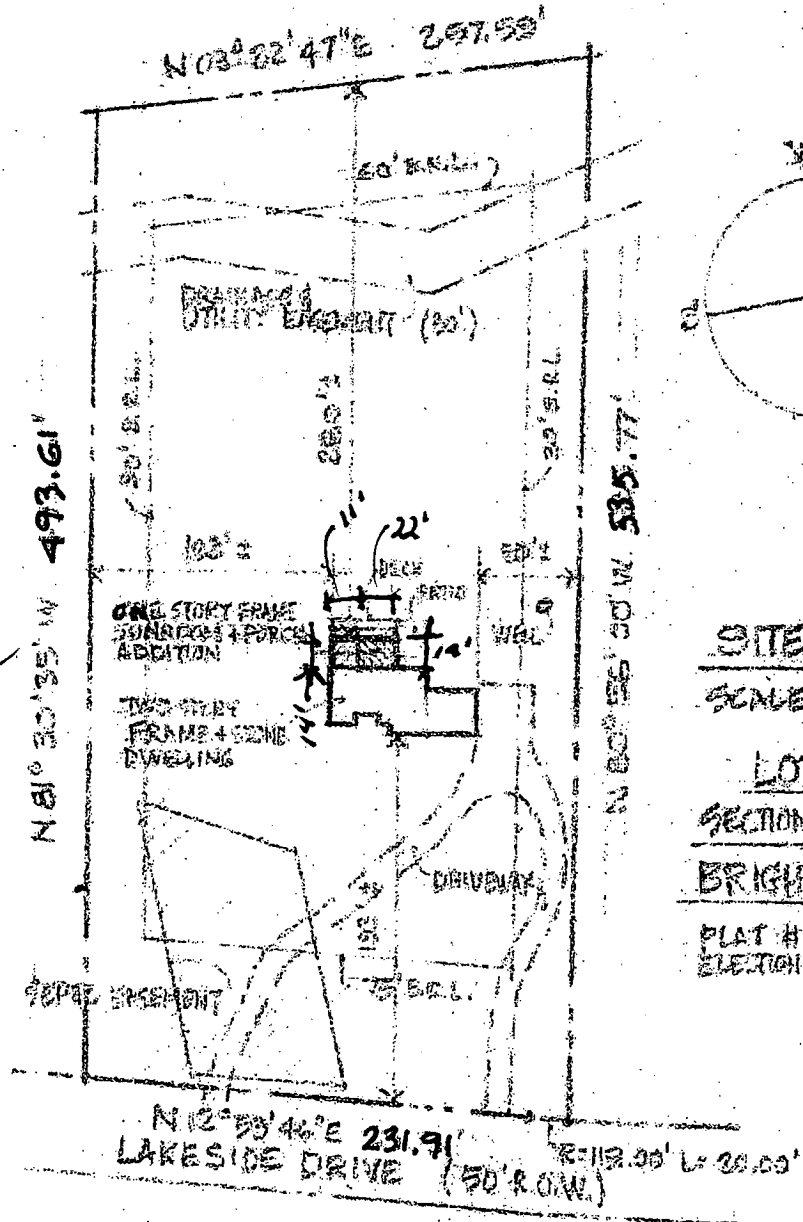
Daniel Ostericher
DANIEL OSTERICHER
627-1789

Kastner Plumber
725 5000

- ① Pattern Adapter OK
- ② Wires OK
- ③ Well Tag OK H0810925
- ④ Ground wire to be hooked up
later
- ⑤ Pressure Tank not yet
installed
- ⑥ OF To Cover Pipes Wires

HEALTH
ENVIRONMENTAL
DIVISION OF
MAY 27 3 05 PM '88
HEALTH DEPT.
HONOLULU

4-1-03
 No septic
 or well
 issues with
 BP 00141085
 KN



SITE PLAN
 SCALE: 1" = 100'
LOT 15
SECTION 1, AREA 1
BRIGHTON PINES
 PLAT # 6013 - FIFTH
 ELECTION DIST. HOWARD CO.

DATA FROM SURVEY DATED 1-18-85 BY
 SHANABERGEE & LANE 410-441-7563