

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX69098X~~ 313-2640

INDEXED

05-398576

P 48878

A 33518 A

DISTRICT 5th

DATE 1/25/93

DATE SYSTEM APPROVED 1/29/93

INSPECTOR RH

Wayde Soudér/Wesmar Corporation IS PERMITTED TO INSTALL X ALTER

ADDRESS 13990 Triadelphia Mill Road, Clarksville, Maryland PHONE 531-2166

SUBDIVISION Brighton Pines II LOT 19 ROAD 13815 Lakeside Drive

PROPERTY OWNER Dennis & Sharon Clements

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 230 feet from the left lot line and 65 feet from the front lot line as seen when facing the property from Lakeside Drive. Run trenches along contour toward left side of property.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 12/92 RH OK

PLANS APPROVED BY C. Williams DATE 9/29/92

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, 90° ELBOWS NOT ACCEPTABLE.

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

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 35/40 PVC OR ABS

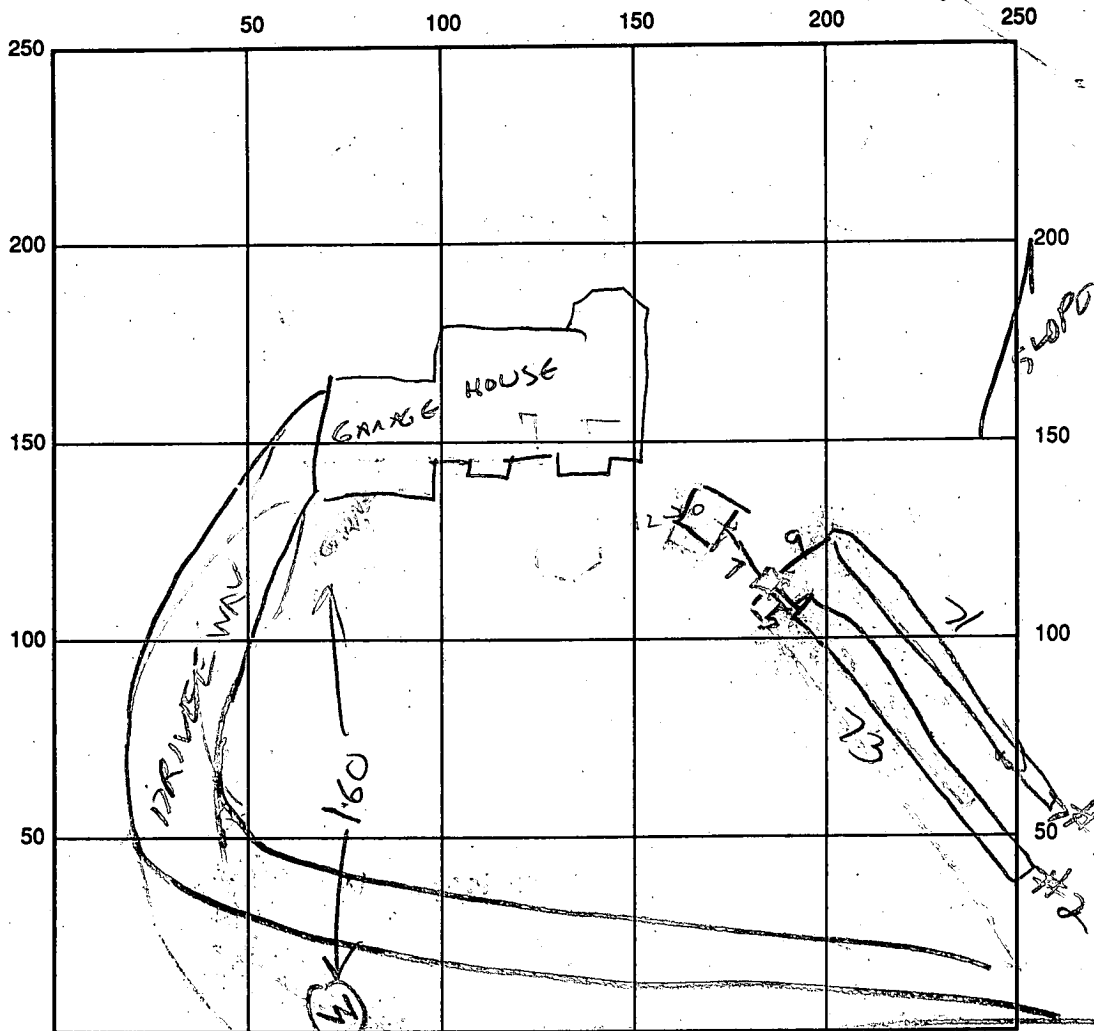
PERMIT VOID AFTER TWO YEARS

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 PVA 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 APPROVAL ON THIS PERMIT**

A
33518A



SEPTIC TANK LEVEL OK 1250 CLEANOUTS OK
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.
 EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 77 ² 73 FT. 144
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 1/29/93 HOUSE POSITION REVERSED BUT LOCATION
TRENCHES IS OK. TRENCHES DOU ADD STONE
TO TRENCHES & CALL ALSO CONNECT TANK TO HOUSE RH
1/29/93- SYSTEM COMPLETE OK TO COVER RH.

DATE SYSTEM APPROVED 1/29/93 INSPECTOR Ray Hodes (CW)

400.

504°05'00"E

LOT 20

REVISION TO B145211
OK 9/29/92
C Well

ELEVATIONS OK
9/29/92 C Well

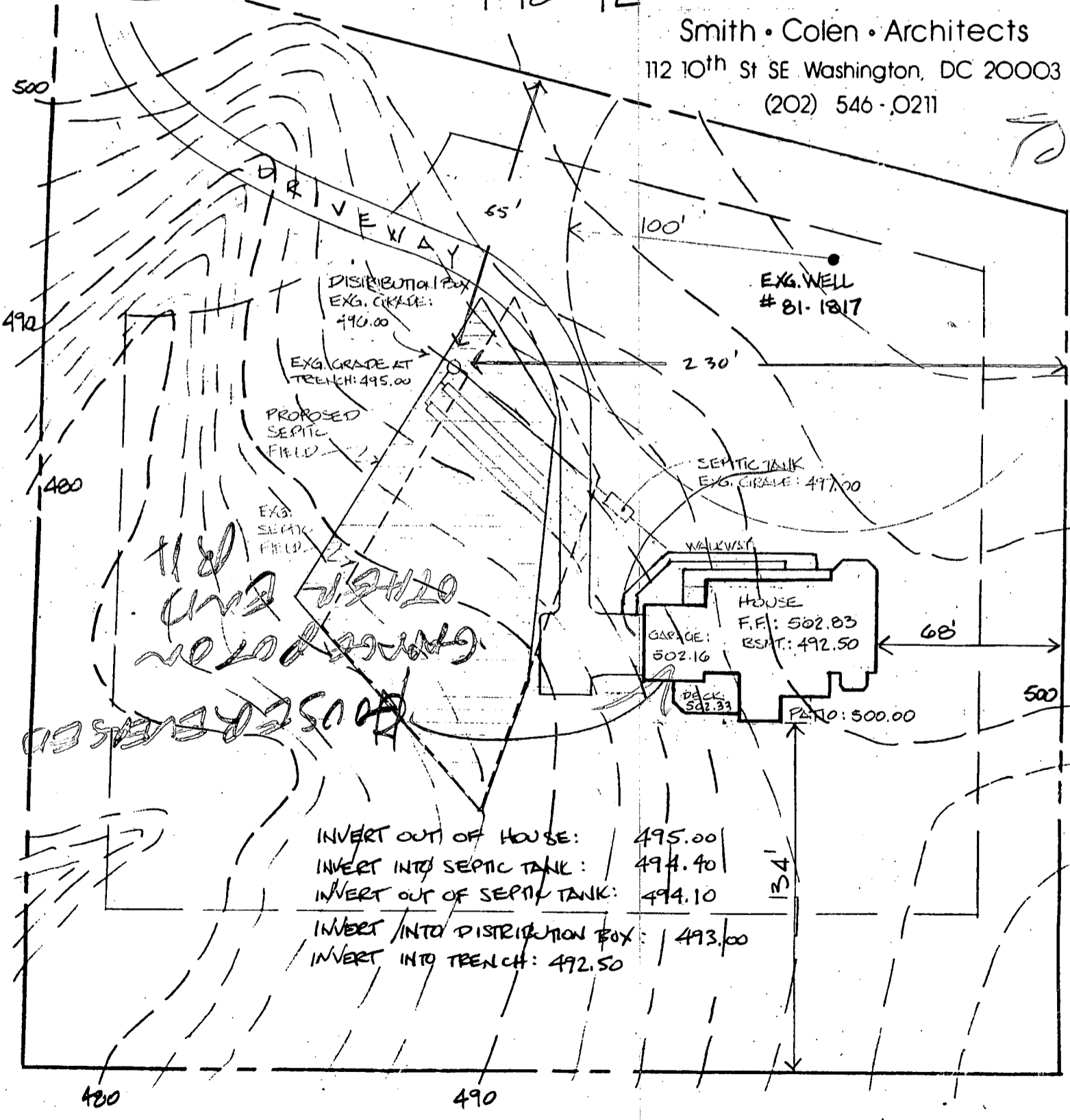
SITE PLAN CLEMENTS RESIDENCE



1"=50'

9.18.92

Smith • Colen • Architects
112 10th St SE Washington, DC 20003
(202) 546-0211



APPLICATION

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: 992-2330

A 33578

P _____

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 MacCarthy Highland Development Corp ^{Dennis + Sharon Clements}

ADDRESS 4100 Cathedral Ave DC 20016 PHONE 202-363-2725
~~534-5539~~
854-3395

PROPERTY LOCATION: BRIGHTON PINES II LOT 19

SUBDIVISION Pruppet Prop LOT NO 29

ROAD AND DESCRIPTION Nicholas Dr. 13815 Lakeside Drive

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.

Richard J. Hammit 465-0842
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

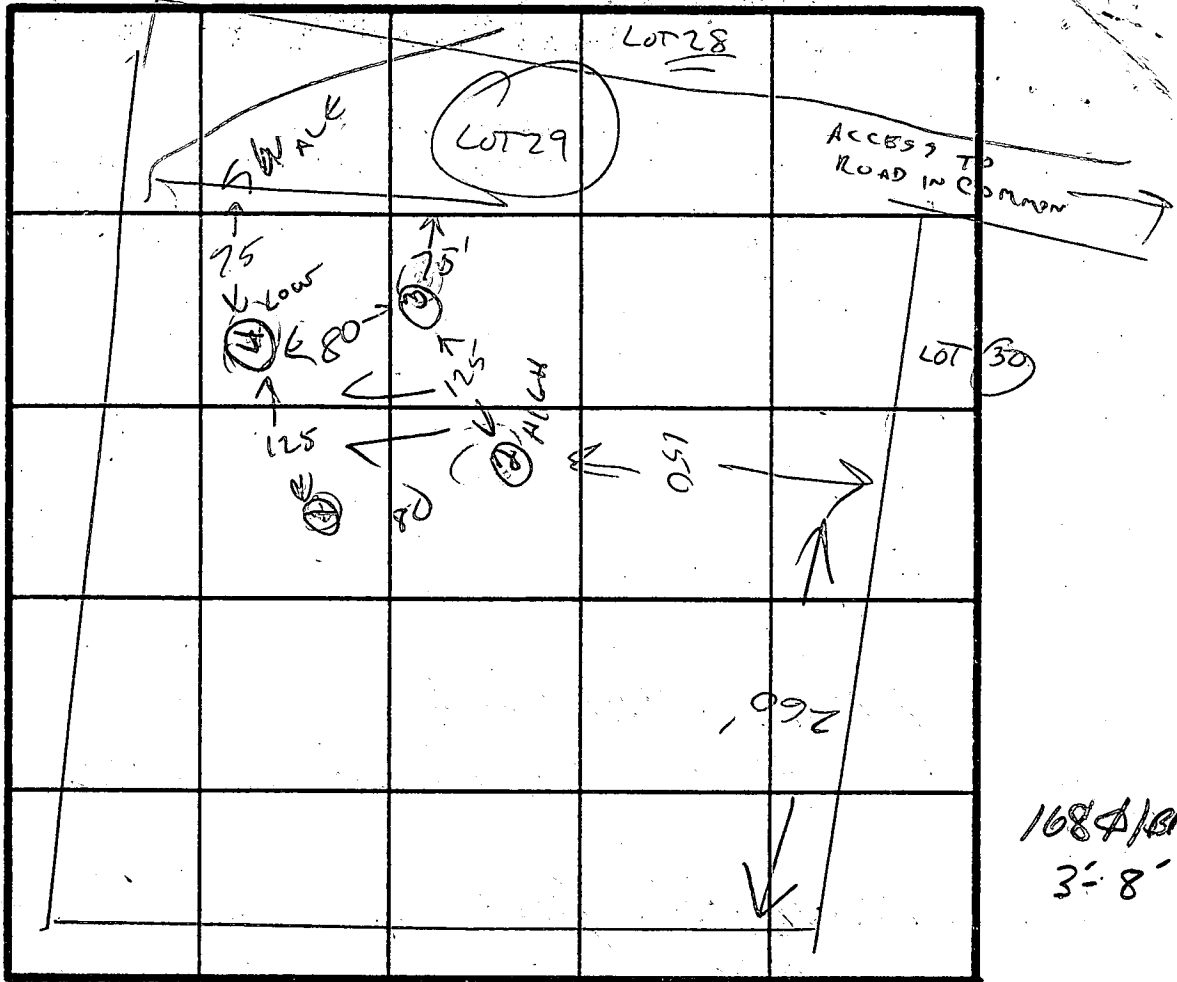
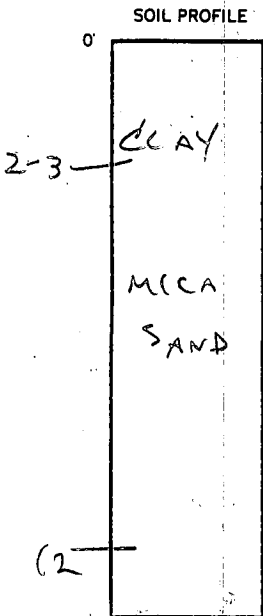
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED AND RETURNED 9/9/82
Serial # 45216 - SFD
4 Bedrooms

BLDG. PERMIT SIGNED AND RETURNED 3/15/84
Serial # 45216 - SFD
3 Bedrooms

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-16-84	1 2ND HIGH	4	2:18	2:20	2:20	2:28	2 min
		8	VISUAL SAND				
2-16-84	2 HIGH	4	2:15	2:17	2:17	2:19	2 min
		8	2:15	2:17	2:17	2:17	
2-16-84	3	4	2:20	2:22	2:22	2:24	2 min
		8	VISUAL SAND				
2-16-84	4 low	4	2:26	2:28	2:28	2:30	2 min
		8	VISUAL SAND				

REMARKS LOCATION UNCERTAIN

TYPE OF SOIL CLAY TO 2-3' THEN MICA SAND

TESTED BY C. Walker ALSO PRESENT CISSEC, PHIL

B 1552

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-91-1917

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

Date Received

10 17 90

OWNER INFORMATION

MICHAEL M. DEVELOPMENT

1370 Lakeside Dr.

CLARKSVILLE MD 21029

B 3

LOCATION OF WELL

HOWARD COUNTY

BRIGHTON PINES

SECTION 1 LOT 19 Area 2

DAYTON

MILES FROM TOWN (enter 0 if in town) 2 1/2 MI

DRILLER INFORMATION

Joseph L. Mayne 238 License No. 80

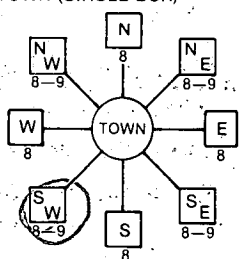
Joseph L. Mayne Well Drilling

5512 Ridge Rd. P.H. #4 21771

Signature: Joseph L. Mayne Date: 12/18/86

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



LAKESIDE DR.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD: 460 FT or MI AA

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 3

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 A33518 COUNTY NO.
OEP SIGNATURE Raymond Hodge DATE ISSUED 6/19/87
NORTH GRID 500000 EAST GRID 0801000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT

REPLACEMENT OR DEEPEMED 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 DEEPEM 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

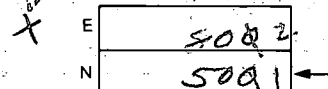
FORCE INITIALS PERMIT NO. HO-91-1917

SPECIAL CONDITIONS

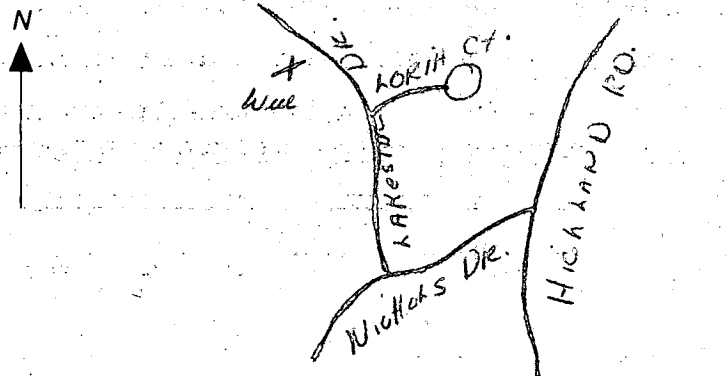
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER: 1. well

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



C1 3758 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-5 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 **A33518**

DATE Received [] [] [] [] [] [] [] [] DATE WELL COMPLETED **070887** Depth of Well **385** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **H0-21-1817**

OWNER **DEVELOPMENT, HIGHLAND** last name first name
 STREET OR RFD **LAKE SIDE DRIVE** TOWN **DAYTON**
 SUBDIVISION **BRIGHTON PINES** SECTION **1 AREA 2** LOT **19**

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	
SAND	01	55	
Thin Blue Clay	55	385	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **12** NO. OF POUNDS **1128**
 GALLONS OF WATER **72**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **50** ft.
 (enter 0 if from surface)

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

MAIN Nominal diameter Total depth
 CASING top (main) casing of main casing
 TYPE (nearest inch) (nearest foot)
57 **6** **60**

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

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

C2
 DEPTH (nearest ft.)
H0 **58** **385**

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.

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

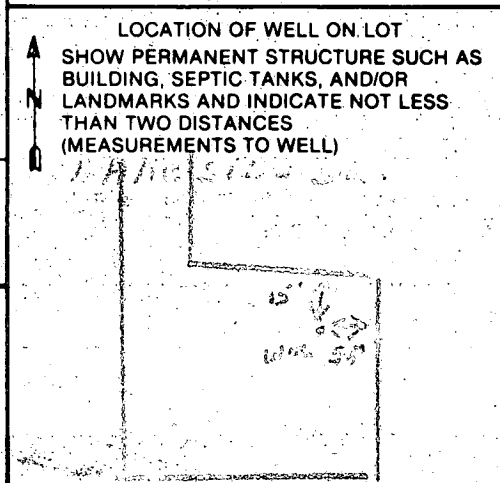
DRILLERS IDENT. NO. **234**
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) **6**
 PUMPING RATE (gal. per min. to nearest gal.) **28**
 METHOD USED TO MEASURE PUMPING RATE **hook**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **40**
 WHEN PUMPING **288**
 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 } LAND SURFACE (nearest foot)
 (-) below } **2** (nearest foot)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1817
 Location of property (road) LAKE SIDE DR.
 Subdivision BRIGHTON PINES Lot 19 Block _____ Plat _____ Sec. 1 AREA 2
 Well Driller JOSEPH MAYNE Owner DEVELOPMENT, HIGHLAND

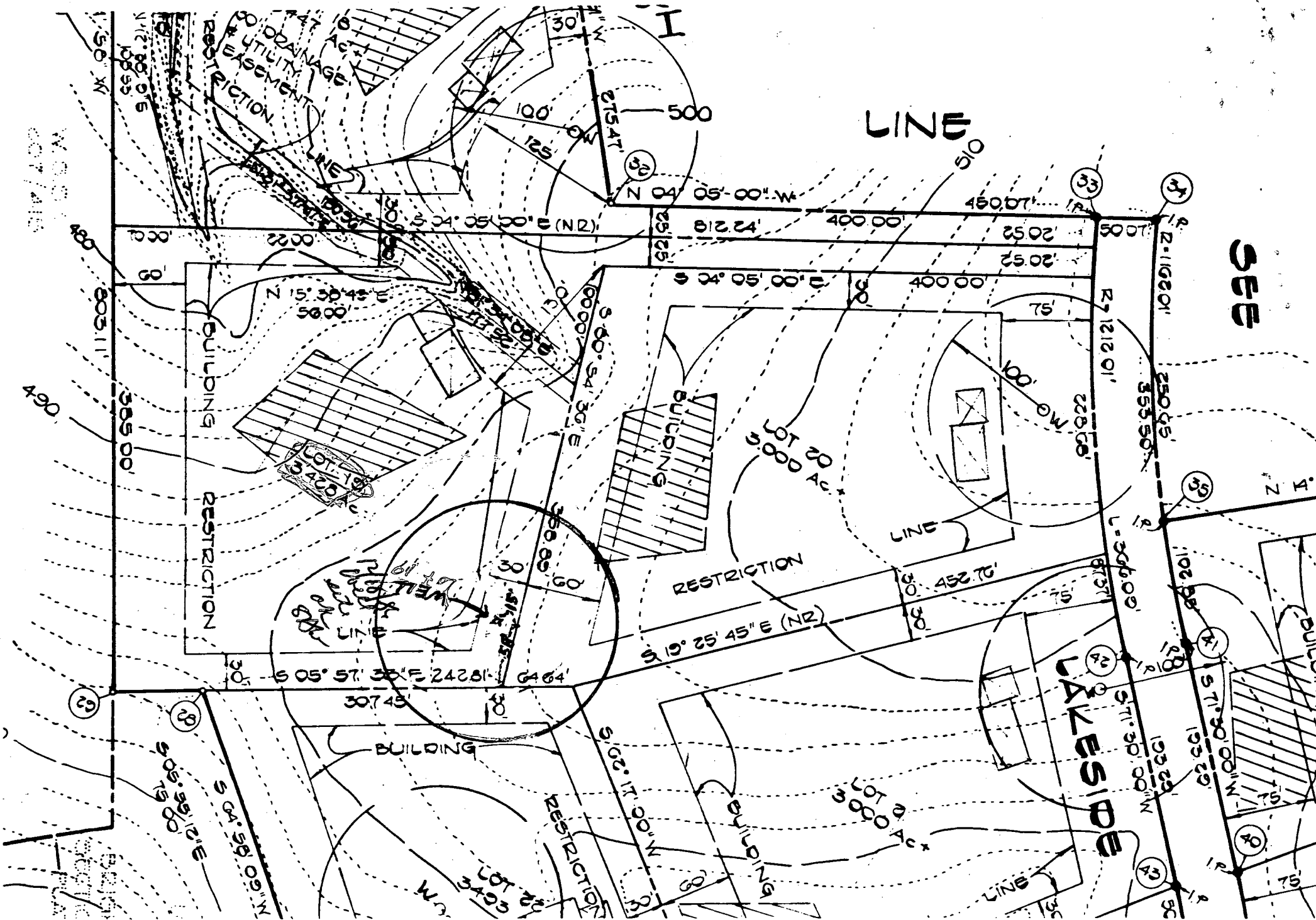
Depth of well 385
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 40

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 10
 Total time 45 min to reach pumping water level 288 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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:00	139	6 sec		10
8:15	220	6		10
8:30	288	6		10
8:45	288	24		2 1/2
9:00	288	24		2 1/2
9:15	288	24		2 1/2
9:30	288	24		2 1/2
9:45	288	24		2 1/2
10:00	288	24		2 1/2
10:15	288	24		2 1/2
10:30	288	24		2 1/2
10:45	288	24		2 1/2
11:00	288	24		2 1/2
11:15	288	24		2 1/2
11:30	288	24		2 1/2
11:45	288	24		2 1/2
12:00	288	24		2 1/2
12:15	288	24		2 1/2
12:30	288	24		2 1/2
12:45	288	24		2 1/2
1:00	288	24		2 1/2
1:15	288	24		2 1/2
1:30	288	24		2 1/2
1:45	288	24		2 1/2
2:00	288	24		2 1/2
2:15	288	24		2 1/2
2:30	288	24		2 1/2



SEE