

6/19/90 12/100

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-398452

INDEXED

P 46054

A 33507

DISTRICT 5th

DATE 4/13/90

DATE SYSTEM APPROVED 6/19/90

INSPECTOR M. R. K. K.

C. C. Cissel

IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Brighton Pines ROAD 13798 Lakeside Drive LOT 8, Sec.1, Area 2

PROPERTY OWNER Paul E. Butterfield

ADDRESS \_\_\_\_\_

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

GARBAGE GRINDER? ~~YES~~ ~~NO~~

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 168 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 4 1/2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 270 feet from the front lot line and 100 feet from the left side of the lot as seen when facing the lot from Lakeside Drive. Run the trenches toward the right side line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 6-12-90 JED

PLANS APPROVED BY Ray Hodges DATE 8/17/89

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

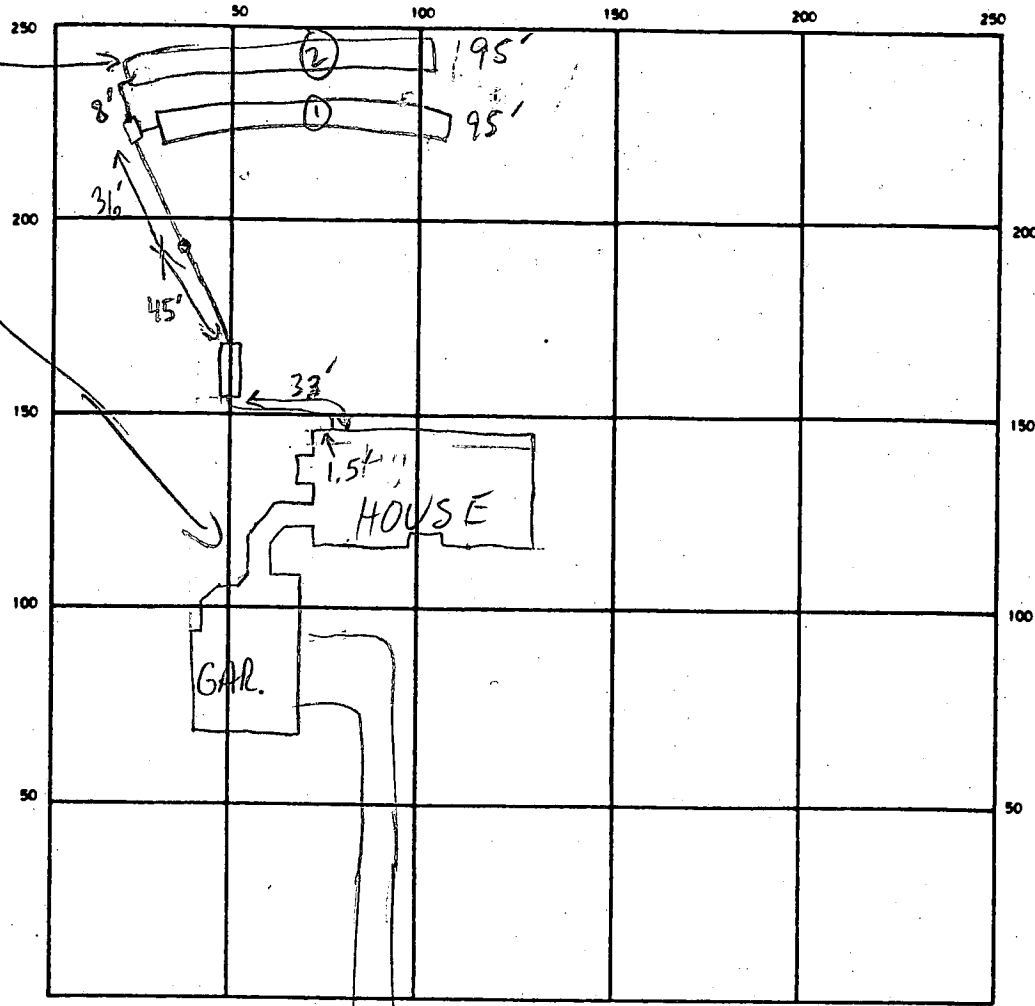
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.**

A 33507

Well  
HO-81-1840



SEPTIC TANK LEVEL 2000 GAL - OK CLEANOUTS OK (IN LINE & S.T.)  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TILE FIELD DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT. 150  
 EFFECTIVE GRAVEL DEPTH 4 1/2 FT. TOTAL LENGTH 195 FT.  
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 2 @ 428 SQ. FT.  
 DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA 856 SQ. FT.

REMARKS 6/19/90 #1 OK TO COVER 1 & STONE 2 MR  
6/19/90 #2 INSTALL PIPE FROM S.T. TO DB + COVER ALL  
WORK MR

DATE SYSTEM APPROVED 6/19/90 INSPECTOR M. Ripstein

*Permit*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33507

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 MAL COOBY Paul E. Butterfield

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

PROPERTY LOCATION: BRIGHTON PINES II LOT 8 SEC. 1 AREA 2

SUBDIVISION Propert prop LOT NO. 18

ROAD AND DESCRIPTION Nichols 13798 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. Bennett 465-0842  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS CW DATE 2-21-84

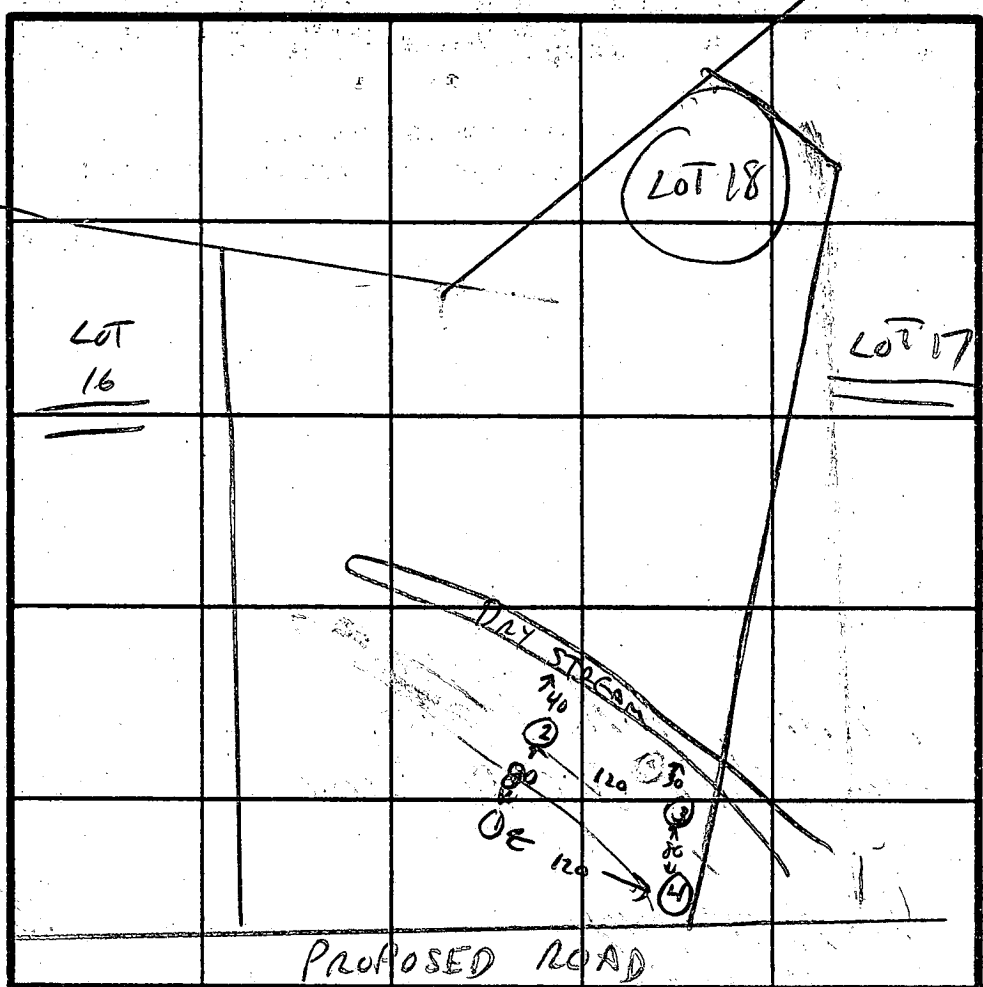
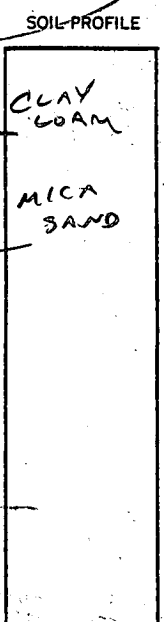
REASONS FOR REJECTION OR HOLDING HOLD FOR HOUSE SITE - QUESTIONABLE LAYOUT

SECOND AREA TESTS OK, CW

WDG. PERMIT SIGNED  
AND RETURNED 2/17/84  
bid # 28492  
SFD - 4 Brms

# THIS IS NOT A PERMIT

Holes # 1-4



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-21-84	1 HIGH	4 8	2:10	2:12	2:12	2:14	2 MIN
2-21-84	2	4 8	2:12	2:14	2:14	2:16	2 MIN
2-21-84	3 LOW	4 8	1:58	2:08	2:08	2:18	10 MIN
2-21-84	4	4 8	1:59	2:01	2:01	2:03	2 MIN
SEE OTHER SHEET FOR HOLES 5-8							

REMARKS: POOR LOCATION - NOT MUCH HOUSE SITE AND VERY CLOSE TO DRY STREAM BED

TYPE OF SOIL: MICA-SAND

TESTED BY: C. Wilman

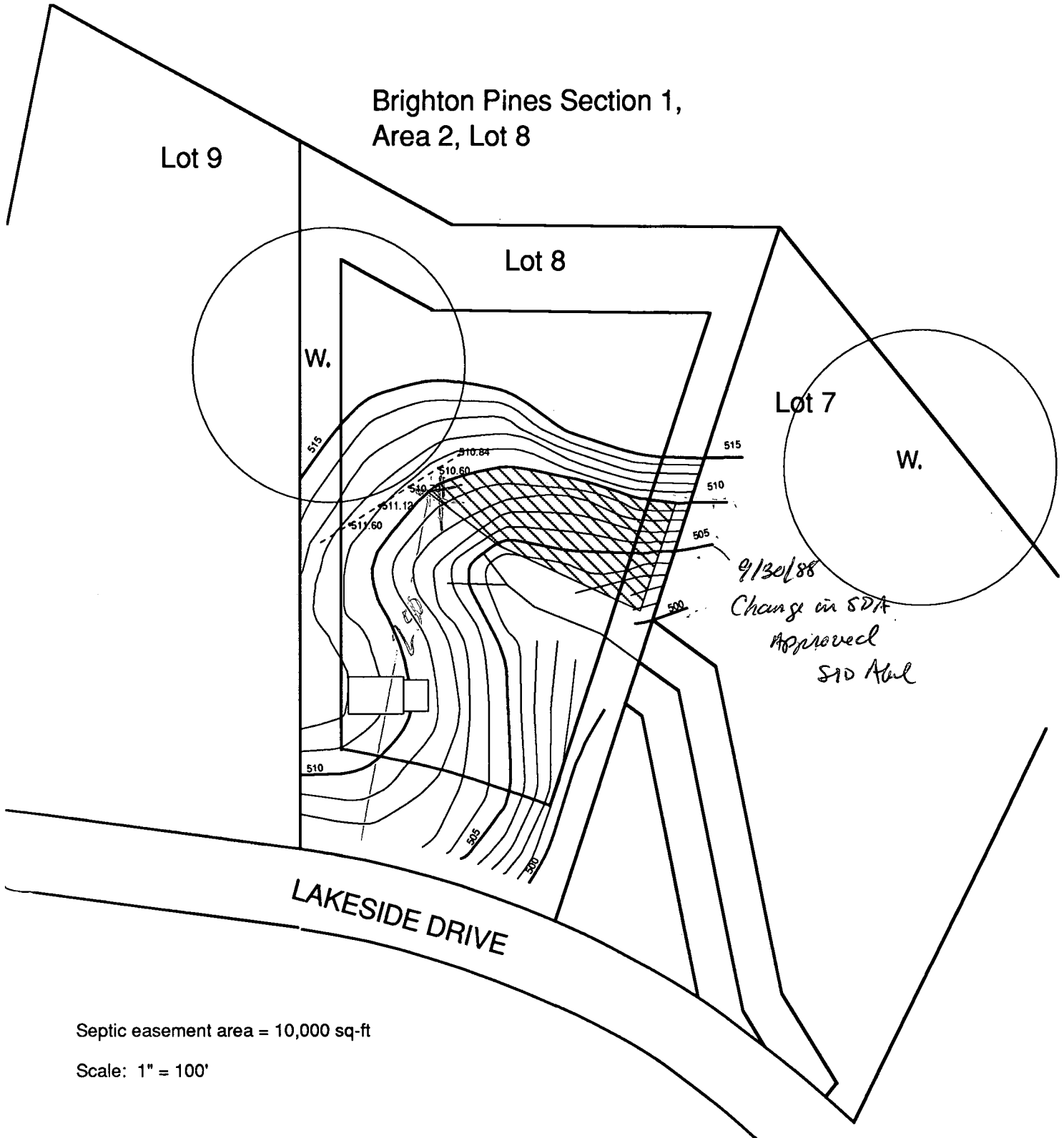
ALSO PRESENT: PHIL MANGELITZ

EH-12-1079



# Proposed 510 Septic Easement

Brighton Pines Section 1,  
Area 2, Lot 8



Septic easement area = 10,000 sq-ft

Scale: 1" = 100'

C1 3785

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A 33507

DATE RECEIVED

DATE WELL COMPLETED

DATE RECEIVED grid

DATE WELL COMPLETED grid

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1040

OWNER DEVELOPMENT HIGHLAND STREET OR RFD LAKESIDE DR. TOWN DAYTON SUBDIVISION BRIGHTON PINES SECTION I AREA II LOT 8

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. Includes handwritten entry: SAND 0 59, Carry down 59 205.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 12 NO. OF POUNDS 1128 GALLONS OF WATER 12 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 50 ft.

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

MAIN CASING TYPE SK Nominal diameter top (main) casing (nearest inch) 7 Total depth of main casing (nearest foot) 70

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

DEPTH (nearest ft.) 225. Slot size 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

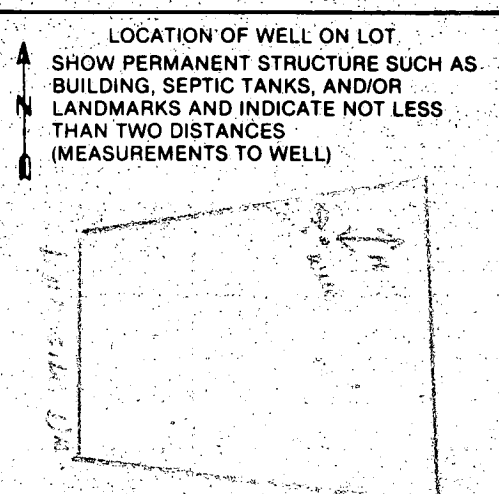
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 41 WHEN PUMPING 134 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 WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

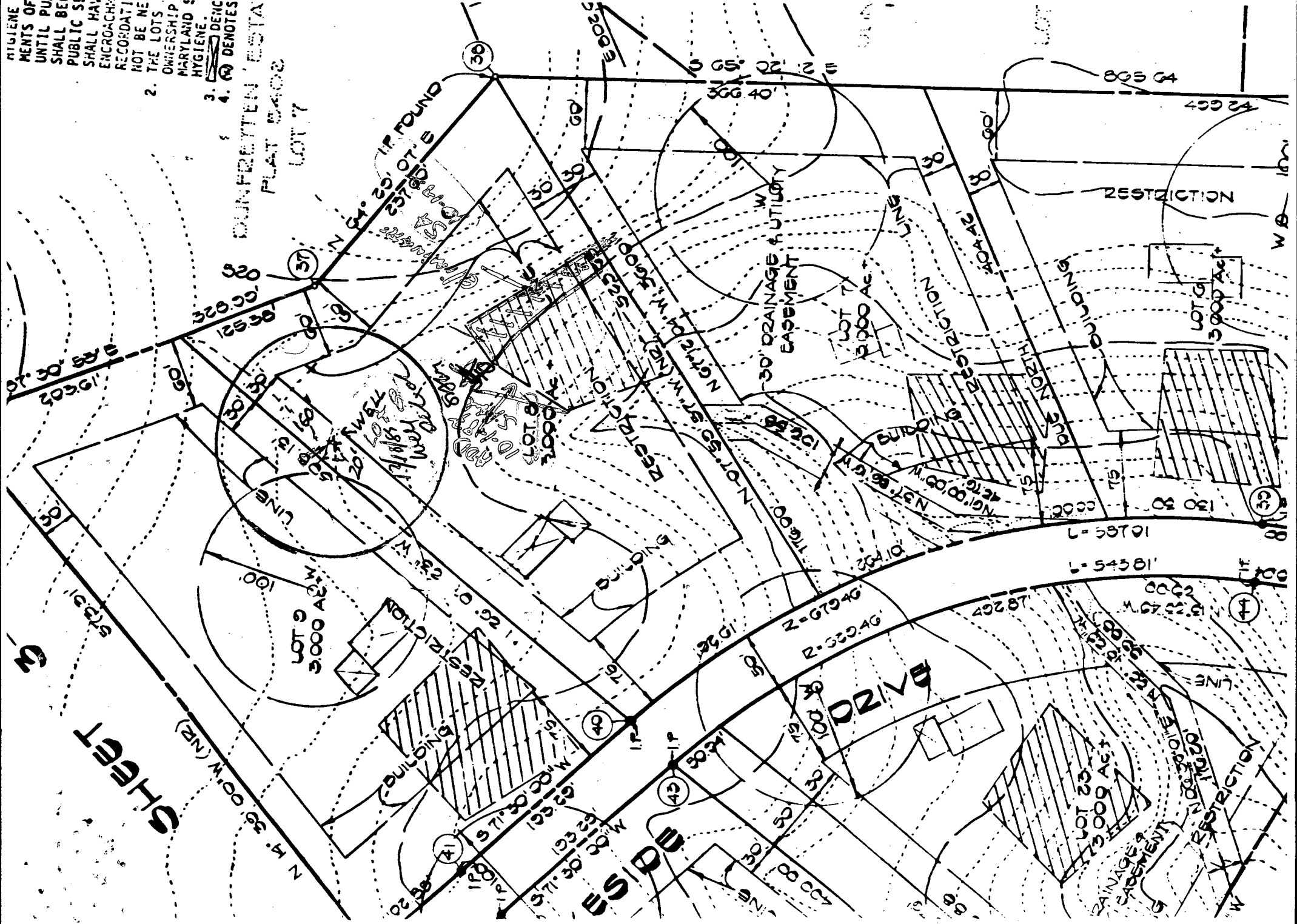
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 137 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

HYGIENE  
MENTS OF  
UNTIL PUI  
SHALL BEI  
PUBLIC SE  
SHALL HAV  
ENCROACH  
RECORDATI  
NOT BE NE  
THE LOTS  
OWNERSHIP  
MARYLAND S  
HYGIENE.  
3.  DENOTES  
4.  DENOTES

CONFRETTEN 'BOSTA  
FLAT 5402  
LOT 7



SHEET  
3

5500

DIVISION

LOT 20  
773000 AC

LOT 23  
773000 AC

33

4

41

42

40

39