

Tax ID - 05 - 41130

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

P 57336

A 39408

DISTRICT 5th

DATE 10-18-96

DATE SYSTEM APPROVED 1-7-97

INSPECTOR Km

Home Keepers

IS PERMITTED TO INSTALL X ALTER

ADDRESS 18121 Slade School Road Sandy Spring, MD 20860 PHONE (301) 924-1212

SUBDIVISION Allen M. Brown Property LOT 3 ROAD 4550 Ten Oaks Road

PROPERTY OWNER Henry & Cindy Cook DAN BALLARD

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 135

BLDG. PERMIT SIC J.A

AND RETURNED 6-2-98

Serial # Bro 11967
Interior Alterations Basement

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution box.

LOCATION - Place the first trench 143 feet down the right (400.76') lot line and 120 feet off the same lot line as seen when facing the lot from the Right-of-Way. Run trenches on contour toward the right (400.76') lot line. MAINTAIN A MINIMUM OF 100 FEET FROM ALL WELLS.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/30/96 DIS

PLANS APPROVED BY Jane E. Nadeau/Amy McMillen DATE 10/22/96

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**

HD-260(6-90)

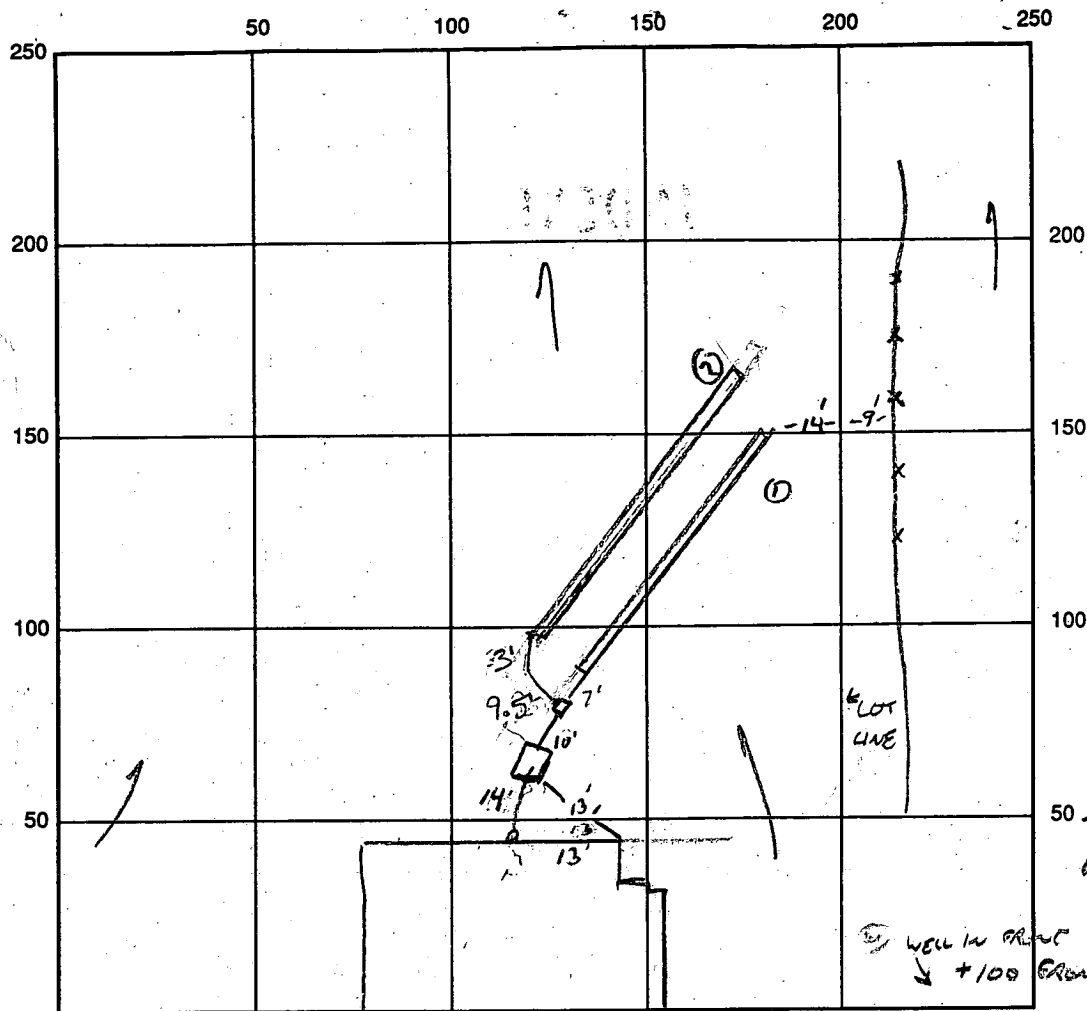
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BLDG. PERMIT SIC J.A

AND RETURNED 8/16/01

B00132027 Deck w/
Steps & landing

A
39408



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK, 11000 gallons CLEANOUTS AT WALL

DISTRIBUTION BOX LEVEL OK, baffle in

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH $\frac{1}{2}$ FT. $\rightarrow$ 139

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 417 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 1/6/97 OK TO STONE TRENCHES, OK TO CONTINUE
1/7/97 WP1 OK TO COVER, need sealed cap, ground wire not connected to casing km
OK TO COVER all work km

DATE SYSTEM APPROVED 1/7/97 INSPECTOR Kim Maile

APPLICATION

PERCOLATION TESTING

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

DISTRICT _____

DATE 5/27/87

DATE CALLED to Mr. Brown

5-27-87

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

ALLEN M. BROWN - HENRY & Cindy Cook

ADDRESS

4609 LINTHICUM RD - DATON, MD.

PHONE

531-2658 ²⁶⁵⁸

PROSPECTIVE BUYER

N/A

ADDRESS

N/A

PHONE

PROPERTY LOCATION:

SUBDIVISION

(PROPOSED) ALLEN M. BROWN SUBDN

LOT NO.

SA 3

ROAD AND DESCRIPTION

W. SIDE TEN OAKS RD 0.4 MI ± N OF HOWARD ROAD

LOT 3 IS 750' TO 1075' WEST OF TEN OAKS RD

TAX MAP

28

PARCEL #

218

SIZE OF LOT

3.5 AC ±
Correctly 10.4 ACs Proposed 3 ACs Subd.

TYPE BLDG.

SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED

10/22/96

Stud # BM102063

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.

Allen M. Brown

(SIGNATURE OF APPLICANT)

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

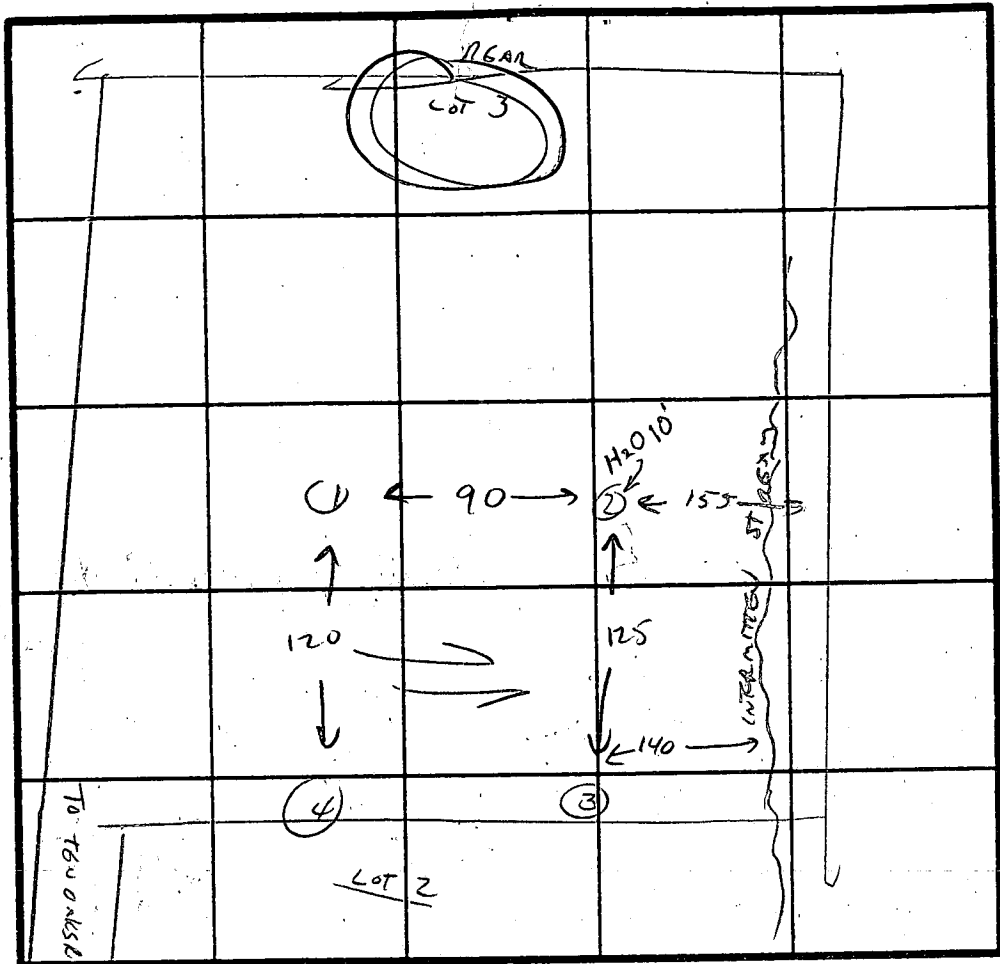
THIS IS NOT A PERMIT

A39408

ALL HOLE

SOIL PROFILE

0
TAN
CLAY
LOAM
3-4
RSD
MICA
SILT
9
10% - 20%
VERY WEATHERED
SA PCLITE
12

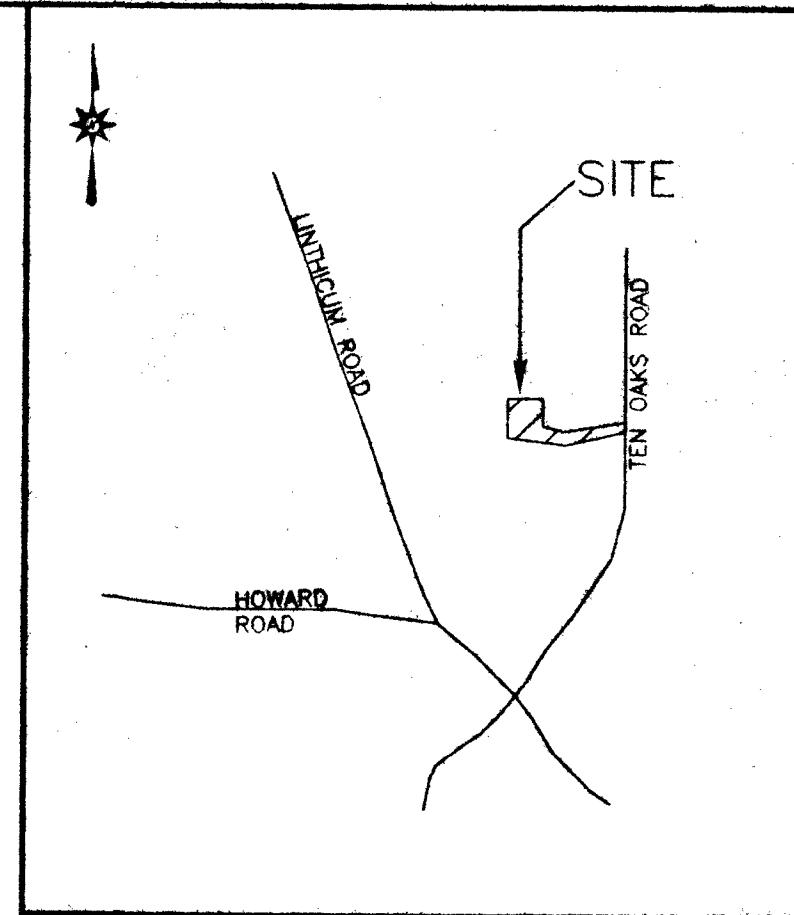
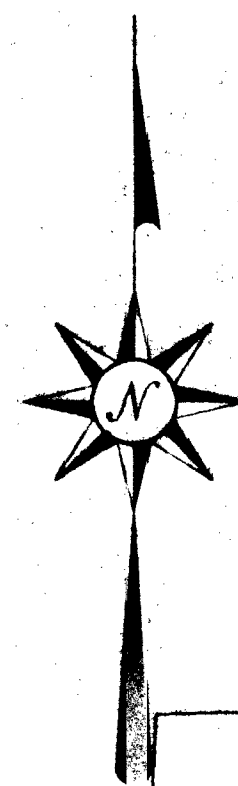


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLE 2
water 10'
OTHERWISE SIMILAR

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/12/87	1	3 1/2 8 1/2	1:32 1:32	1:33 1:33	1:39 1:33	1:37 1:35	3 min 2 min
		12	VIS OK				
6/12/87	2	SAME	AS OTHERS EXCEPT WATER AT 10'				
			MOVE AREA	UPHILL	20'		
6/12/87	3	3 1/2 7 1/2	1:38 1:38	1:39 1:40	1:39 1:40	1:40 1:44	1 min 4 min
6-11		12					
6/12/87	4	VIS.	SIMILAR TO		OTHERS		

REMARKS: water 10' AT DRAIN TIME OF YEAR IN LONGEST HOLE, CONSIDERABLE SLOPE.
INITIAL SYSTEM CAN BE ADJUSTED, PUMPED AREA TO BE ADJUSTED
TO NO LONGER THAN CAPACITY OF 2nd LONGEST HOLE,
TYPE OF SOIL: MICA LOAM
TESTED BY: C. Allen ALSO PRESENT: Allen Brown



VICINITY MAP
SCALE 1"=2000'

O'CONNELL & LAWRENCE, INC.
ENGINEERS, SURVEYORS & LAND PLANNERS
17904 Georgia Avenue, Suite 302, Olney, Maryland 20832
Tel: (301) 924-4570 • Fax: (301) 924-5972

AM & EM BROWN
PROPERTY
TAX MAP 28 PARCEL 664
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SITE PLAN

DCL REVISIONS

DATE: OCT., 1996

DES. XXX DWN. CADD

SCALE: AS SHOWN

PROJECT/FILE NO.
022-157

SHEET NO.
1

SEPTIC INFORMATION

- A. SEPTIC SYSTEM
Total septic system required = 10,000 Sq. Ft.
Initial septic system provided =
Existing ground elevation =
Invert elevation beginning trench =
4'0" stone below pipe =
- B. DISTRIBUTION BOX
Existing ground elevation = 881.0
Invert elevation out = 883.9
Invert elevation in = 884.0
- C. SEPTIC TANK (GALLON)
Existing ground elevation = 881.0
Invert elevation out = 884.2
Invert elevation in = 884.5
- D. PROPOSED HOUSE
Invert elevation at connection = 885.0
Minimum sewer elevation (lowest fixture) = 886.0
Actual first floor elevation =
Actual basement floor elevation =
Gravity sewer to (first floor/basement) =

GENERAL NOTES

- Property Zoned: RR
- Property Legal Description:
Lot 3
AM & EM Brown
Plat no. 8733
- Total area property: 152556 s.f. / 3.5022 acres
- Tax Map number 28
- Howard County Street Map 13 Grid H1
- Proposed use: Single Family Dwelling
- Required Building Restriction per RR Zone:
A. Lot Area: 40,000 s.f.
B. Lot width at street: ft.
C. Lot width at front BRL: 200 ft.
D. Front BRL: 75 ft.
E. Side BRL: Total 60 ft. (min. 30 ft.)
F. Rear BRL: 60 ft.
- Soils are determined by Howard County, Maryland
Soil Survey - Map Sheet 17, and includes:
CgC2 - Chester gravelly silt loam, 8 to 15 percent slopes moderately eroded
No 100 Year floodplains were determined by FEMA map for Ho. Co., Panel 26
- No wetlands or waters of the US are found as determined by site visit
- No slopes are greater than 25% by topography and site visit

REVISED

Date: 10-21-96
4550 Ten Oaks Rd
Comments: 12/01/2003
add distance from known to property

SURVEYOR'S CERTIFICATE

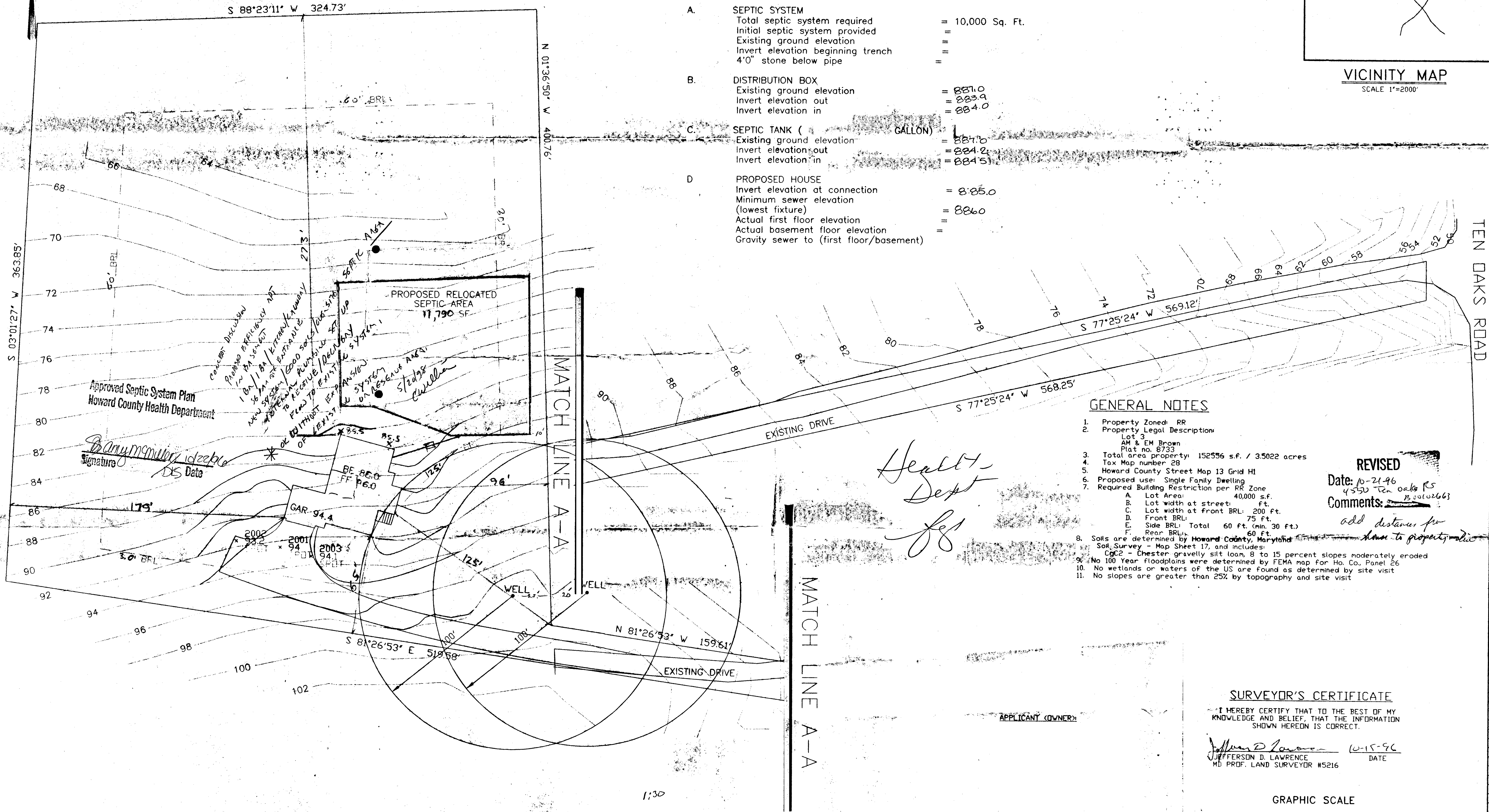
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFORMATION SHOWN HEREON IS CORRECT.

Jefferson D. Lawrence 10-15-96
JEFFERSON D. LAWRENCE DATE
MD PROF. LAND SURVEYOR #5216

GRAPHIC SCALE



1" = 30'



N518000

Pipestem Lot	Total Lot Area	Pipestem Area	Remaining
2	3.2345 Ac.	0.2344 Ac.	3.000
3	3.5022 Ac.	0.4180 Ac.	3.084

LOT 28

LOT 29

OAKWOOD
PLAT

OVERLOOK
No. 7088

N88°23'11"E

A.M. & E.M. BROWN
L-190 P-240

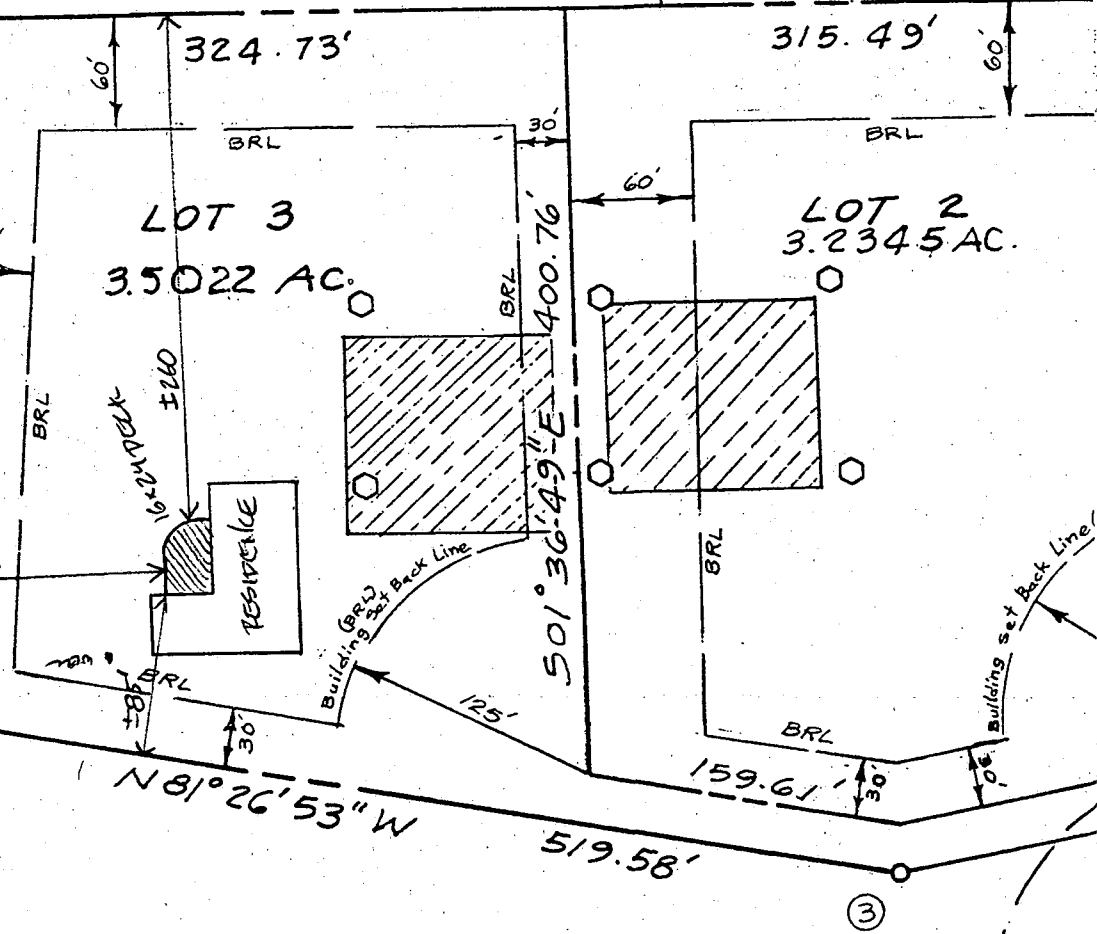
①

N03°01'27"E 363.85'

②

LOT 3
3.5022 AC.

LOT 2
3.2345 AC.



8376 AC±

WAY DEDICATION: 0.1601 AC.±

VISION: 9.9977 AC.±

WATER AND
SEWER SYSTEMS

W 1-5-89
DATE

COUNTY OFFICE OF

OWNER'S CERTIFICATE

WE, ALLEN M. BROWN AND ESTELLE M. BROWN, OWNERS OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND

A.M. & E.M. BRADY
L-180 F-240



3 3.5022 AC. 0.4100 AC.

OAKWOOD
FLAT OVERLOOK
No. 7088

100 YEAR FLOOD PLAIN
(Based on Clyde Branch Study)

1073.31'

N88°23'11"E

408.96'

324.73'

315.49'

LOT 3

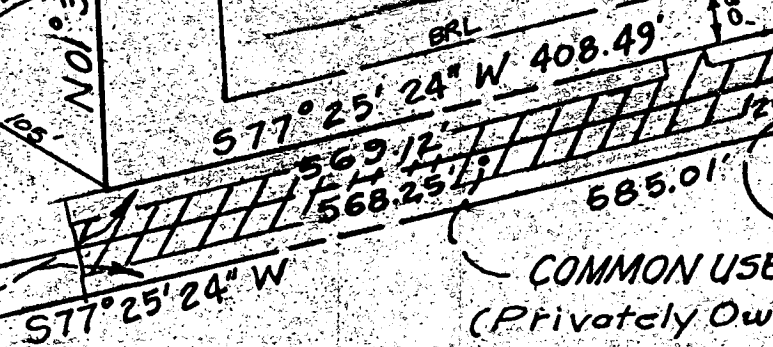
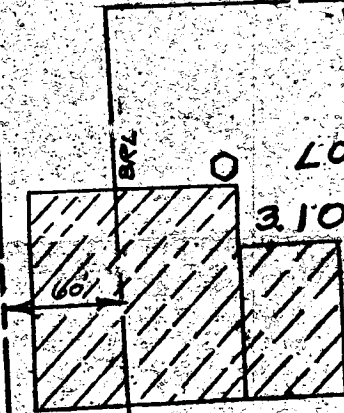
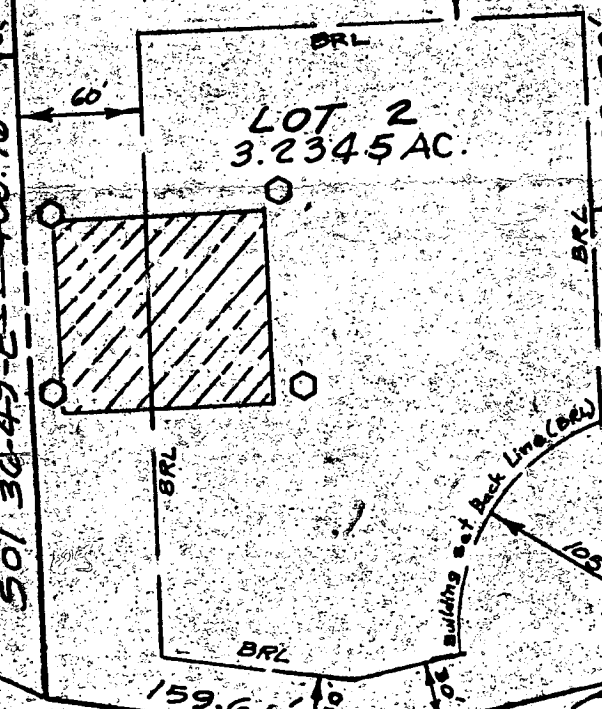
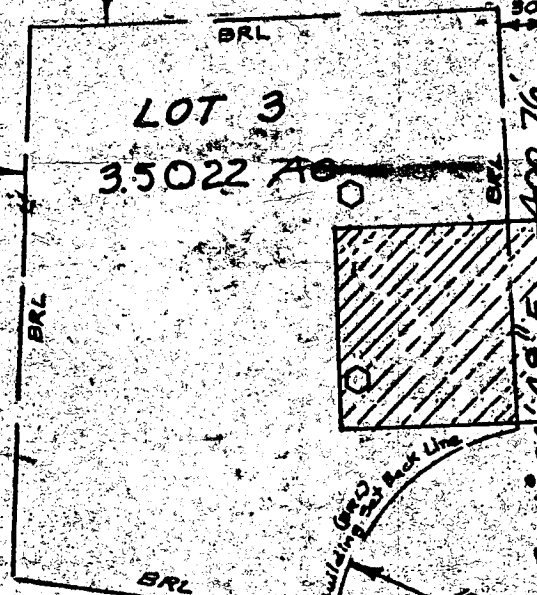
3.5022 AC.

LOT 2

3.2345 AC.

LOT 1

3.1009 AC.



COMMON USE
(Privately Owned)

ERIC SHIELDS

L-1418 F-67

50' WIDE USE IN COMMON EASEMENT

Copy of
Survey
Map

E803500

E803500

C1 4629		SEQUENCE NO. (DENV USE ONLY)		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.	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)						COUNTY NUMBER A39408	
ST/CO USE ONLY DATE Received		DATE WELL COMPLETED		Depth of Well		PERMIT NO. FROM "PERMIT TO DRILL WELL"	
8 13		15 20		22 320 26 (TO NEAREST FOOT)		28 29 30 31 32 33 34 35 36 37 H0-88-1967	
OWNER Brown last name Allen first name STREET OR RFD Ten Oaks Rd TOWN Dayton SUBDIVISION A.M. & E.M. Brown Prop SECTION 11 LOT 3							
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. ☒ yes ☐ no (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT ☒ BENTONITE CLAY ☐ NO. OF BAGS 11 NO. OF POUNDS 1034 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 45 ft. (enter 0 if from surface)			
DESCRIPTION (Use additional sheets if needed)				Casing types insert appropriate code below			
FEET FROM TO				Casing types insert appropriate code below			
Check if water bearing				Casing types insert appropriate code below			
SAND 0 58				ST CO STEEL CONCRETE PL OT PLASTIC OTHER			
Gray Mica Sand 58 320				MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) ST 4 62			
				OTHER CASING (if used) diameter inch depth (feet) 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.)			
				11 60 15 320			
				23 24 26 30 32 36			
				38 39 41 45 47 51			
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				SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to			
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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. 238				OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)			
DRILLERS SIGNATURE Joseph P. Wayne (MUST MATCH SIGNATURE ON APPLICATION)				T (E.R.O.S.) W.Q. 70 72 74 75 76			
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)				TELESCOPE CASING LOG INDICATOR OTHER DATA			
				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 35 WHEN PUMPING 236 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 (CIRCLE) (YES or 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)			
				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)			